TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM706270

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
RESUBMIT DOCUMENT ID:	900671762

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
STRUCTURED ALPHA LP, by its GENERAL PARTNER THOMVEST ASSET MANAGEMENT LTD.		11/29/2021	Limited Partnership: CANADA

RECEIVING PARTY DATA

Name:	ECOBEE INC.
Street Address:	250 University Ave, Suite 400
City:	Toronto, Ontario
State/Country:	CANADA
Postal Code:	M5H 3E5
Entity Type:	Corporation: CANADA

PROPERTY NUMBERS Total: 15

Property Type	Number	Word Mark
Registration Number:	3710918	ECOBEE
Registration Number:	4159889	GREEN MADE EASY
Registration Number:	4201387	ECOBEE EMS
Registration Number:	4212997	ECOBEE SMART THERMOSTAT
Registration Number:	4451834	ECOBEE SMART
Registration Number:	4797795	FOR HOMES WITH MORE THAN ONE ROOM
Registration Number:	5509131	DONATE YOUR DATA
Registration Number:	5778367	ECOBEE3 LITE
Registration Number:	4757295	ECOBEE3
Serial Number:	87790509	ECOBEE SWITCH+
Serial Number:	87591544	WHOLE HOME VOICE
Serial Number:	87790524	SWITCH+
Serial Number:	87359580	ECOBEE4
Serial Number:	88845798	ECOBEE HAVEN
Serial Number:	87359562	
	•	

TRADEMARK REEL: 007551 FRAME: 0524

900673694

CORRESPONDENCE DATA

Fax Number: 6127661600

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6127667000

Email: erin.theroux@faegredrinker.com

Correspondent Name: Robert B. Leonard

Address Line 1: FAEGRE DRINKER BIDDLE & REATH LLP Address Line 2: 2200 Wells Fargo Center 90 S. Seventh St

Address Line 4: Minneapolis, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	508458.5
NAME OF SUBMITTER:	Erin N. Theroux
SIGNATURE:	/Erin N. Theorux/
DATE SIGNED:	02/03/2022

Total Attachments: 155

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RELEASE OF LIEN (USPTO)

WHEREAS, pursuant to the first amended and restated loan agreement dated as of September 1, 2017 as amended by a first amendment dated as of May 5, 2020 (and as further amended, supplemented, restated or otherwise modified from time to time, the "Loan Agreement") between ecobee Inc. (the "Debtor"), Structured Alpha LP, as lender (the "Lender"), and Ecobee Ltd., as guarantor, the Lender agreed to make available the Loan for the purpose of providing capital, paying transaction expenses and general corporate purposes of the Borrower upon the terms and conditions contained therein.

AND WHEREAS, pursuant to the Loan Agreement, the Borrower entered into a General Security Agreement dated as of March 11, 2014 (as amended, supplemented, restated or otherwise modified from time to time, the "GSA") in favour of Thomvest Seed Capital Inc., predecessor in interest to the Lender, pursuant to which the Debtor granted a security interest in favour of the Lender with respect to the Debtor's intellectual property rights including, without limitation, those trademarks and patents set out in Schedule "A" attached hereto (collectively, the "Intellectual Property Collateral"), among other collateral, as security for its obligations to the Lender under the Loan Agreement;

AND WHEREAS capitalized terms used but not defined herein have the meanings assigned to them in the Loan Agreement, as applicable;

AND WHEREAS the Collateral Agent wishes to release and discharge all of its interest in and to the Intellectual Property Collateral, including from the records of the United States Patent and Trademark Office ("USPTO");

NOW THEREFORE, in consideration of the foregoing, and other good and valuable consideration, the receipt and adequacy of which are acknowledged, the Lender:

- 1. confirms that it has not assigned or otherwise disposed of its interest in and to the Intellectual Property Collateral;
- 2. hereby releases and discharges its full interest in and to the Intellectual Property Collateral and confirms that the GSA and other Loan Documents have been terminated and rendered null, void and without any further force or effect in accordance with the terms and conditions of the Payout Letter dates as of December 1, 2021 between, among others, the Debtor and the Lender; and
- 3. agrees, at the sole cost and expense of the Debtor, to take such further actions and to execute and deliver such further documents as the Debtor may reasonably request to effect and evidence this Release of Lien, including, without limitation, the execution and delivery of any filings, statements, amendments, recordations or other instruments required to maintain the applications or registrations of the Intellectual Property Collateral and record the chain of title accordingly with the USPTO.

[signature page follows]

IN WITNESS WHEREOF, the Lee executed by an authorized officer as of this	ender has caused this Rele day of November	ase of Lien to be duly, 2021.
	STRUCTURED ALPHA	LP, by its GENERAL
	PARTNER THOMVEST	ASSET
	MANAGEMENT LTD.	
	By: DocuSigned by:	
	Name: Eugene Siklo	OS .
	Title: President	

WSLEGAL\078736\00015\29077333v1

Schedule "A"

Patents and Trademarks



79 Wellington St. W., 30th Floor Box 270, TD South Tower Toronto, Ontario M5K 1N2 Canada P. 416.865.0040 | F. 416.865.7380 www.torys.com

May 19, 2020

VIA FACSIMILE (1-819-953-2476)

Commissioner of Patents Canadian Intellectual Property Office Place du Portage 1 50 Victoria Street, Room C-114 Gatineau, QC K1A oC9

Dear Commissioner:

Re: Submission of Notice of Security Interest for Registration

for 4 Canadian Industrial Designs

Applicant: Ecobee Inc.
Our Ref: 41252-0001

SUBMISSION OF SECURITY AGREEMENT FOR REGISTRATION

Please record the enclosed Notice of Security Interest in Intellectual Property dated May 5, 2020 against the following four (3) Canadian industrial design registrations and one (1) industrial design application, as listed in Schedule "A" to the Notice of Security Interest in Intellectual Property, with **Ecobee Inc.**, as Debtor, and **AST Trust Company (Canada)**, as Collateral Agent.

Application No.	Title	Filed	Status
176743	Thermostat device with trim plate	31-Aug-2017	Issued
177893	Switch with trim plate	27-Oct-2017	Issued
181086	Switch with trim plate	27-Apr-2018	Issued
188481	Remote sensor device	27-Jun-2019	Pending

We advise that the addresses for the parties are as follows:

Ecobee Inc.

250 University Ave, Suite 400 Toronto, Ontario M5H 3E5 Canada

AST Trust Company (Canada)

1 Toronto Street, Suite 1200 Toronto, Ontario M5C 2V6 Canada

Please charge the registration fee of **\$400.00** to undersigned agent's authorized credit card. In the event of an underpayment or a problem with the credit card, we authorize the Commissioner to charge our deposit account no. 600000901.

Should the fees submitted with this letter be insufficient to cover all of the fees for which payment is explicitly or implicitly requested by this letter and enclosed documents, the Commissioner is authorized and requested to charge the amount of the insufficiency to deposit account no. 600000901 or the authorized credit card of the undersigned agent already on file.

We look forward to receiving confirmation that the above-referenced Notice of Security Interest in Intellectual Property has been recorded against the Canadian industrial designs listed in Schedule "A" to the Notice of Security Interest in Intellectual Property.

Please direct questions relating to this matter to Edward Fan at 416-865-8244.

Yours truly,

TORYS LLP

- lorgs we

Tel (416) 865-8244 efan@torys.com

EF/JK Encl.

29783794.1

NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS the undersigned (the "Debtor"), is the owner of the registered intellectual property set forth on Schedule A attached hereto (collectively, the "Intellectual Property");

AND WHEREAS pursuant to a Note Purchase Agreement dated as of the date hereof (as amended, supplemented, restated or otherwise modified from time to time, the "**NPA**"), the Debtor has issued secured convertible promissory notes (the "**Notes**") to the Investors.

AND WHEREAS pursuant to the NPA, the Debtor has entered into a General Security Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "GSA") in favour of AST TRUST COMPANY (CANADA), as collateral agent (the "Agent") in favour of the Investors and granted a security interest in favour of the Agent with respect to the Debtor's interests in the Intellectual Property, among other collateral, as security for its obligations to the Investors under the NPA and the Notes.

AND WHEREAS capitalized terms used but not defined herein have the meanings assigned to them in the NPA.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in accordance with the terms and obligations set forth in the Security Documents, the Debtor hereby confirms the granting of a security interest and lien in the Intellectual Property to the Agent.

THE DEBTOR hereby certifies that the aforementioned information as it relates to the Debtor is true and accurate.

[Signature Page Follows]

Notice of Security Interest in Intellectual Property (Note Purchase Agreement)

2

DATED: May 5, 2020

ECOBEE INC.

By:

Stuart Lombard

Name: 55tuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

REEL: 007551 FRAME: 0535

SCHEDULE A

INTELLECTUAL PROPERTY

TRADEMARKS - Canada

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
ECOBEE & Design	01-Feb-08	1381717	TMA754845	08-Dec-09	ECOBEE INC.
ECOBEE	01-Feb-08	1381716	TMA737236	31-Mar-09	ECOBEE INC.
DATARHYTHM TECHNOLOGIES	20-Aug-12	1590783	TMA912159	24-Aug-15	ECOBEE INC.
DATARHYTHM	29-Aug-12	1592098	TMA913931	15-Sep-15	ECOBEE INC.
HOME IQ	29-Aug-12	1592099	TMA913939	15-Sep-15	ECOBEE INC.
ECOBEE3	10-Apr-14	1672336	TMA969873	3-May-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	10-Apr-14	1672337	TMA969566	1-May-15	ECOBEE INC.
ECOBEE3 LITE	10-Feb-17	1822346	TMA1012523	09-Jan-19	ECOBEE INC.
ECOBEE4 SMART THERMOSTAT	10-Feb-17	1822347	TMA1069407	14-Jan-20	ECOBEE INC.
ECOBEE4	10-Feb-17	1822350	TMA1064338	2019-11-26	ECOBEE INC.
ECOBEE3 LITE SMART THERMOSTAT	10-Feb-17	1822351	TMA1012526	09-Jan-19	ECOBEE INC.
WHOLE HOME VOICE	18-May-17	1838331	N/A	N/A	ECOBEE INC.
SWITCH+	5-Feb-18	1881441	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	5-Feb-18	1881442	TMA1018537	2-Apr-19	ECOBEE INC.
E (design)	9-Mar-20	2016327	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	9-Mar-20	2016328	N/A	N/A	ECOBEE INC.
ECOBEE logo	9-Mar-20	2016330	N/A	N/A	ECOBEE INC.

TRADEMARKS - U.S.A.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
GREEN MADE EASY	22-Nov-10	85/182,334	4,159,889	19-Jun-12	ECOBEE INC.
ECOBEE	6-Feb-08	77/390,082	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	85/715922	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

COPYRIGHTS

None.

PATENTS

PATENTS - CANADA

Design

D1507CA00	D1459CA00	D1389CA00	D1387CA00	
CANADA	CANADA	CANADA	CANADA	Country
2019-06-27	2018-04-27	2017-10-27	2017-08-31	Application Date
REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	Fith Fext
188481	181086	177893	176743	Application Number
	181086	177893	176743	Registration Number
	2019-04-23	2019-04-23	2018-07-05	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	Status

Patent

P6912CA00	P6163CA00	PUK Reference
CANADA	CANADA	Country
2019-11-08	2017-10-02	Application Date
COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	Title Text
3063045	2981023	Application Number
		Registration Number
		Registration Date
PENDING	ANNUITY DEADLINE	Status

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PCK Reference P7614CA00 P7565CA00 P7207CA00 P7163CA00 P7564CA00 P7562CA00 CANADA CANADA CANADA CANADA CANADA CANADA Country Application Date 2019-04-05 2019-03-19 2019-03-19 2019-03-19 2018-09-24 2018-08-24 HVAC SIGNALING OVER A TWO-HVAC FAN COIL TEMPERATURE SENSING WITH SENSING SWITCH WITH SWITCH WITH SMART LIGHT SWITCH WITH SMART LIGHT SMART LIGHT **SCHEDULING** INTEGRATED CONNECTION DEVICE FOR DETECTOR VACATION CONTROL Title Text CABLE UNITS WIRE MODE LEAK Application Number 3037170 3037177 3018288 3015330 3039300 3037165 Registration Number Registration Date ANNUITY DEADLINE DEADLINE ANNUITY PENDING PENDING PENDING PENDING Status

TRADEMARK REEL: 007551 FRAME: 0540

PATENTS - U.S.A.

Design

D1574US00	D1516US00	D1512US00	D1507US00	D1389US02	D1389US01	D1387US01	D1387US00	D1194US00	
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-01-10	2019-02-28	2019-02-13	2018-12-31	2019-05-23	2018-03-21	2018-09-21	2017-04-07	2013-10-22	Application Date
CONTACT SENSORS FOR DOORS AND WINDOWS	SWITCH WITH TRIM PLATE	CAMERA DEVICE AND STAND	REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	THERMOSTAT DEVICE	THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE	Title Fext
29/720269	29/681876	29/680117	29/675346	29/692228	29/641301	29/664127	29/599864	29/470529	Application Number
							D833893	D734178	Registration Number
							2018-11-20	2015-07-14	Registration Date
CONVENTION DEADLINE	ISSUED	PENDING	DECS/ASSIGNME NTS TO BE FILED	RESPONSE TO OA	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0541

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PCK Reference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date	Status
P3212US00	UNITED STATES	2011-07-11	HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL	13/179770	9696052	2017-07-04	ISSUED
P3213US00	UNITED STATES	2011-07-11	HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION	13/179912	9016593	2015-04-28	ISSUED
P3396US00	UNITED STATES	2012-01-10	HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM	13/347105	8965585	2015-02-24	ISSUED
P6163US00	UNITED STATES	2016-10-13	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	15/292648	10215432	2019-02-26	ISSUED
P6163US01	UNITED STATES	2018-01-24	CONTROL DEVICE WITH BULK HEATING COMPENSATION	15/878977			ISSUED
P6163US02	UNITED STATES	2019-07-22	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	16/518102			PENDING

TRADEMARK REEL: 007551 FRAME: 0542

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Notice of Security Interest in Intellectual Property

WSLEGAL\078736\00010\24634672v2

P7565US01	P7564US01	P7562US01	P7207US01	P7207US01	P7163US01	P6912US01	P6912US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-09-24	2018-08-24	2019-04-23	2017-05-10	Application Date
SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	Title Text
16/357989	16/357912	16/357762	16/139548	16/139548	16/111384	16/391406	15/591188	Application Number
							10311870	Registration Number
							2019-06-04	Registration Date
FINAL FEE DEADLINE	RESPONSE TO FINAL OA (2-MONTH DEADLINE)	PENDING	RESPONSE TO OA	DECS/TO BE FILED	RESPONSE TO OA	FINAL FEE DEADLINE	ISSUED	Status

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P8344US02	P8344US01	P8344US00	P8343US00	P7614US01	P7565US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	(value)
2016-08-10	2016-02-09	2015-11-23	2008-06-09	2019-04-05	2019-03-19	Application Date
DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS	CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	Title Text
15/233366	15/018943	14/948674	12/135239	16/376029	16/357989	Application Number
9909772	9473321	10250403	9008844			Registration Number
2018-03-06	2016-10-18	2019-04-02	2015-04-14			Registration Date
ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	DECS/ASSIGNME NTS TO BE FILED	DECLARATION/ ASSIGNMENT TO BE FILED	Status

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P8348US01	P8348US00	P8346US01	P8346US00	P8345US00	P8344US04	P8344US03	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2015-10-21	2013-01-30	2015-08-06	2012-07-02	2012-08-01	2019-02-28	2017-08-14	Application Date
ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	MULTI- DIMENSIONAL HEATING AND COOLING SYSTEM	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	Tile Text
14/918882	13/754824	14/819555	13/540012	13/564006	16/289051	15/675819	Application Number
9982472	9196103	9854645	9161419	9152154		10072866	Registration Number
2018-05-29	2015-11-24	2117-12-26	2015-10-13	2015-10-06		2018-09-11	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	RESPONSE TO OA	ISSUED	Status

Notice of Security Interest in Intellectual Property

WSLEGAL\078736\00010\24634672v2

P8356US01	P8356US00	P8349US01	P8349US00	P8348US02	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-01-25	2012-11-13	2012-09-06	2012-04-13	2018-03-08	Application Date
AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	Hile Text
13/675429	13/675429	13/604678	13/446172	15/915924	Application Number
9041812	9041812	8732270	8872638	10309145	Registration Number
2015-11-17	2015-05-26	2014-05-20	2014-10-28	2019-06-04	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0547

P8367US00	P8366US00	P8362US00	P8359US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Сониту
2014-09-30	2009-05-27	2005-10-24	2009-11-20	Application Date
REMOTE OBJECT SENSING IN VIDEO	MONITORING PATTERNS OF MOTION	SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION	SYSTEM FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, METHOD FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, ASSISTING DEVICE, AND COMPUITER PROGRAM	Title Text
14/502110	12/473181	11/257290	12/622455	Application Number
9270940	8081082	7308321	8516499	Registration Number
2016-02-23	2011-12-20	2007-12-11	2013-08-20	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

P8375US02	P8375US01	P8375US00	P8368US01	P8368US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2017-03-22	2013-01-25	2012-11-13	2008-06-04	2006-06-16	Application Date
DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	Title Text
15/465756	13/751013	13/675348	12/132890	11/455210	Application Number
	9681104	9681103	8134457	7468662	Registration Number
	2017-06-13	2017-06-13	2012-03-13	2008-12-23	Registration Date
PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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PCk Reference	Country TINITED STATES	Application Date	Title Text GROUP AWARE TRACKING OF PERSONAL	Application Number	Registration Number	
P8376US00	UNITED STATES	2009-04-08	GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE	12/420652		8164443
P8377US00	UNITED STATES	2007-12-10	NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554		7432805
P8377US01	UNITED STATES	2008-07-24	NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	12/179147		7791472
P8378US00	UNITED STATES	2014-05-22	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	14/284581		9355547
P8378US01	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146378		9978290
P8378US02	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146330		9984590

P8408US00	P8407US00	P8405US01	P8405US00	P8404US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-11-14	2004-06-02	2016-05-12	2015-12-30	2012-10-08	Application Date
DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF PEOPLE	METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS OF SYSTEMS USING CONVERSATION AL OR AUDIO INTERFACE	PRO-ACTIVE BUILDING PROTECTION SYSTEM	PRO-ACTIVE BUILDING PROTECTION SYSTEM	MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A SPECIFIED STATE AT A USER PREMISES	Title Text
13/676545	10/858083	15/152606	14/985068	13/647234	Application Number
9465392	8224649	9483933	9382747	9377791	Registration Number
2016-10-11	2012-07-17	2016-11-01	2016-07-05	2016-06-28	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8412US00	P8411US01	P8411US00	P8410US00	P8409US01	P8409US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-03-14	2016-11-11	2016-03-14	2009-03-12	2012-09-14	2006-02-07	Application Date
INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	INTELLIGENT THERMOSTAT CONTROL SYSTEM	INTELLIGENT THERMOSTAT CONTROL SYSTEM	VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE INCIDENT AWARENESS AND RESPONSE	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	This Text
13/826419	15/349114	15/068921	12/402626	13/620042	11/348902	Application Number
9599973	9772115	9574786	8368754	8724811	8325923	Registration Number
2017-03-21	2017-09-26	2017-02-21	2013-02-05	2014-05-13	2012-12-04	Registration Date
ANNUITY DEADLINE	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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P8417US00	P8416US00	P8414US01	P8413US00	P8412US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-10-26	2016-04-28	2005-07-28	2016-09-21	2013-08-20	Application Date
AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION	FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES	SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF THE PRESENCE OF A PERSON	SURVEILLANCE DETECTION BASED ON AN IDENTIFICATIO N OF A CARRIED MOBILE DEVICE	INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	Title Text
15/334330	15/141606	11/495334	15/271362	13/971251	Application Number
9756607	9733996	7554444	9693181	9733630	Registration Number
2017-09-05	2017-08-15	2009-06-30	2017-06-27	2017-08-15	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	Status

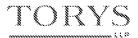
P8421US01	P8421US00	P8419US01	P8419US00	P8418US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-08-16	2007-01-11	2017-10-03	2016-10-24	2011-02-28	Application Date
AMBIENT PRESENTATION OF SURVEILLANCE DATA	AMBIENT PRESENTATION OF SURVEILLANCE DATA	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATI ON DEVICES	Title Text
13/587038	11/622132	15/723468	15/332501	13/036612	Application Number
8860812	8704893	10055569	9811653	8576066	Registration Number
2014-10-14	2014-04-22	2018-08-21	2017-11-07	2013-11-05	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0553

P8424US00		P8423US00	P8422US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2006-06-30	2012-01-11	2011-03-21	2012-07-31	Application Date
APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF MOVING OBJECTS IN AN INDOOR ENVIRONMENT	MANAGING ENVIRONMENT AL CONTROL SYSTEM EFFICIENCY	CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING ENVIRONMENT	METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM	Title Text
11/428019	13/348347	13/052754	13/562626	Application Number
7761233	9024765	8738943	8700932	Registration Number
2010-07-20	2015-05-05	2014-05-27	2014-04-14	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

P9481US00	P8898US00	P8430US01	P8430US00	P8429US01	P8429US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	SELVES GELINN	Сониту
2020-03-26	2019-09-09	2009-11-06	2007-01-30	2013-01-25	2012-11-13	Application Date
THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION	LIGHT SWITCH SYSTEM	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	Title Text
62/994937	62/897466	12/613758	11/668604	13/751023	13/675391	Application Number
		8805613	8762060	9071807	8934754	Registration Number
		2014-08-12	2014-06-24	2015-06-30	2015-01-13	Registration Date
	CONVENTION DEADLINE	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0555



79 Wellington St. W., 30th Floor Box 270, TD South Tower Toronto, Ontario M5K 1N2 Canada P. 416.865.0040 | F. 416.865.7380 www.torys.com

May 19, 2020

VIA ONLINE

Commissioner of Patents Canadian Intellectual Property Office Place du Portage 1 50 Victoria Street, Room C-114 Gatineau, QC K1A oC9

Dear Commissioner:

Re: Submission of Notice of Security Interest for Registration

for 8 Canadian Patent Applications

Applicant: Ecobee Inc.
Our Ref: 41252-0001

SUBMISSION OF SECURITY AGREEMENT FOR REGISTRATION

Please record the enclosed Notice of Security Interest in Intellectual Property dated May 5, 2020 against the following eight (8) Canadian patent applications, as listed in Schedule "A" to the Notice of Security Interest in Intellectual Property, with **Ecobee Inc.**, as Debtor, and **AST Trust Company (Canada)**, as Collateral Agent.

Application No.	Title	Filed	Status
2981023	Control device with current protected solid state relays	2017-10-02	Pending
3063045	Computerized device with voice command input capability	2019-11-08	Pending
3015330	Hvac signaling over a two-wire connection	2018-08-24	Pending
3018288	Leak detector with sensing cable	2018-09-24	Pending
3037165	Smart light switch with temperature sensing	2019-03-19	Pending
3037177	Smart light switch with integrated scheduling	2019-03-19	Pending
3037170	Smart light switch with vacation mode	2019-03-19	Pending
3039300	Control device for hvac fan coil units	2019-04-05	Pending

We advise that the addresses for the parties are as follows:

Ecobee Inc.

250 University Ave, Suite 400 Toronto, Ontario M5H 3E5 Canada

AST Trust Company (Canada)

1 Toronto Street, Suite 1200 Toronto, Ontario M5C 2V6 Canada

Please charge the registration fee of **\$800.00** to undersigned agent's authorized credit card. In the event of an underpayment or a problem with the credit card, we authorize the Commissioner to charge our deposit account no. 600000901.

Should the fees submitted with this letter be insufficient to cover all of the fees for which payment is explicitly or implicitly requested by this letter and enclosed documents, the Commissioner is authorized and requested to charge the amount of the insufficiency to deposit account no. 600000901 or the authorized credit card of the undersigned agent already on file.

We look forward to receiving confirmation that the above-referenced Notice of Security Interest in Intellectual Property has been recorded against the Canadian patent applications listed in Schedule "A" to the Notice of Security Interest in Intellectual Property.

Please direct questions relating to this matter to Edward Fan at 416-865-8244.

Yours truly,

TORYS LLP

Torys UP

Tel (416) 865-8244 efan@torys.com

EF/JK Encl.

29783793.1



79 Wellington St. W., 30th Floor Box 270, TD South Tower Toronto, Ontario M5K 1N2 Canada P. 416.865.0040 | F. 416.865.7380 www.torys.com

May 19, 2020

VIA FACSIMILE (1-819-953-2476)

Office of the Registrar of Trademarks Canadian Intellectual Property Office Place du Portage 1 50 Victoria Street, Room C-114 Gatineau, QC K1A oC9

Dear Sirs/Mesdames:

Re: SUBMISSION OF NOTICE OF SECURITY INTEREST FOR

REGISTRATION

Trademarks: TMA754845 (ECOBEE & Design) & 16 others

Owner: Ecobee Inc. Our Ref: 41252-0001

SUBMISSION OF NOTICE OF SECURITY INTEREST FOR REGISTRATION

Please record the enclosed **Notice of Security Interest in Intellectual Property** dated May 5, 2020 against the following twelve (12) Canadian trademark registrations and five (5) Canadian trademark applications, as listed in Schedule "A" to the Notice of Security Interest in Intellectual Property, with **Ecobee Inc.**, as Debtor, and **AST Trust Company (Canada)**, as Collateral Agent.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date
ECOBEE & Design	01-Feb-08	1381717	TMA754845	08-Dec-09
ECOBEE	01-Feb-08	1381716	TMA737236	31-Mar-09
DATARYTHM TECHNOLOGIES	20-Aug-12	1590783	TMA912159	24-Aug-15
DATARYTHM	29-Aug-12	1592098	TMA913931	15-Sep-15
HOME IQ	29-Aug-12	1592099	TMA913939	15-Sep-15
ECOBEE3	10-Apr-14	1672336	TMA969873	03-May-15
FOR HOMES WITH MORE THAN ONE ROOM	10-Apr-14	1672337	TMA969566	01-May-15
ECOBEE3 LITE	10-Feb-17	1822346	TMA1012523	09-Jan-19
ECOBEE4 SMART THERMOSTAT	10-Feb-17	1822347	TMA1069407	14-Jan-20
ECOBEE4	10-Feb-17	1822350	TMA1064338	26-Nov-19

Mark	Filing Date	App. No.	Reg. No.	Reg. Date
ECOBEE3 LITE SMART THERMOSTAT	10-Feb-17	1822351	TMA1012526	09-Jan-19
WHOLE HOME VOICE	18-May-17	1838331	N/A	N/A
SWITCH+	05-Feb-18	1881441	N/A	N/A
ECOBEE SWITCH+	05-Feb-18	1881442	TMA1018537	02-Apr-19
E (design)	09-Mar-20	2016327	N/A	N/A
ECOBEE HAVEN	09-Mar-20	2016328	N/A	N/A
ECOBEE logo	09-Mar-20	2016330	N/A	N/A

We advise that the addresses for the parties are as follows:

Ecobee Inc.

250 University Ave, Suite 400 Toronto, Ontario M5H 3E5 Canada

AST Trust Company (Canada)

1 Toronto Street, Suite 1200 Toronto, Ontario M₅C 2V6 Canada

We request that, following the recordal of the document, the current agent for the owner of each trademark or trademark application is to remain as the trademark agent for the owner of the above-referenced trademarks/trademark applications.

We look forward to receiving confirmation that the above-referenced Notice of Security Interest in Intellectual Property has been recorded against the trademarks/trademark applications listed in Schedule "A" to the Notice of Security Interest in Intellectual Property.

Please direct questions relating to this matter to Edward Fan at 416-865-8244.

Yours truly,

TORYS LLP

Tel (416) 865-8244 efan@torys.com

EF/JK Encl.

NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS the undersigned (the "Debtor"), is the owner of the registered intellectual property set forth on Schedule A attached hereto (collectively, the "Intellectual Property");

AND WHEREAS pursuant to a Note Purchase Agreement dated as of the date hereof (as amended, supplemented, restated or otherwise modified from time to time, the "**NPA**"), the Debtor has issued secured convertible promissory notes (the "**Notes**") to the Investors.

AND WHEREAS pursuant to the NPA, the Debtor has entered into a General Security Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "GSA") in favour of AST TRUST COMPANY (CANADA), as collateral agent (the "Agent") in favour of the Investors and granted a security interest in favour of the Agent with respect to the Debtor's interests in the Intellectual Property, among other collateral, as security for its obligations to the Investors under the NPA and the Notes.

AND WHEREAS capitalized terms used but not defined herein have the meanings assigned to them in the NPA.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in accordance with the terms and obligations set forth in the Security Documents, the Debtor hereby confirms the granting of a security interest and lien in the Intellectual Property to the Agent.

THE DEBTOR hereby certifies that the aforementioned information as it relates to the Debtor is true and accurate.

[Signature Page Follows]

Notice of Security Interest in Intellectual Property (Note Purchase Agreement)

TRADEMARK REEL: 007551 FRAME: 0560 2

DATED: May 5, 2020

ECOBEE INC.

By:

Stuart Lombard

Name: 55tuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

REEL: 007551 FRAME: 0561

SCHEDULE A

INTELLECTUAL PROPERTY

TRADEMARKS - Canada

TRADEMARK REEL: 007551 FRAME: 0562

Mark Filing Date App. No. Reg. No. Reg. Date Owner ECOBEE & Design 01-Feb-08 1381717 TMA754845 08-Dec-09 ECOBEE INC. ECOBEE 01-Feb-08 1381717 TMA754845 08-Dec-09 ECOBEE INC. DATARHYTHM TECHNOLOGIES 20-Aug-12 1590783 TMA912159 24-Aug-15 ECOBEE INC. DATARHYTHM 29-Aug-12 1590798 TMA913931 15-Sep-15 ECOBEE INC. HOME IQ 29-Aug-12 1592099 TMA913939 15-Sep-15 ECOBEE INC. ECOBEE3 110-Apr-14 1672336 TMA969873 3-May-15 ECOBEE INC. ECOBEE3 LITE 10-Apr-14 1672337 TMA969873 3-May-15 ECOBEE INC. ECOBEE3 LITE 10-Feb-17 1822346 TMA1012523 09-Jan-19 ECOBEE INC. ECOBEE3 LITE 10-Feb-17 1822350 TMA1064338 2019-11-26 ECOBEE INC. ECOBEE3 LITE 10-Feb-17 1822351 TMA1064338 2019-11-26 ECOBEE INC. ECOBEE INC.						
esign 01-Feb-08 1381717 TMA754845 08-Dec-09 IM TECHNOLOGIES 20-Aug-12 1381716 TMA737236 31-Mar-09 IM 29-Aug-12 1590783 TMA912159 24-Aug-15 IM 29-Aug-12 1592098 TMA913931 15-Sep-15 IM 10-Apr-14 1672336 TMA913939 15-Sep-15 WITH MORE THAN 10-Apr-14 1672337 TMA969873 3-May-15 WITH MORE THAN 10-Feb-17 1822346 TMA1012523 09-Jan-19 E 10-Feb-17 1822347 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822350 TMA1064338 2019-11-26 E SMART 10-Feb-17 1822350 TMA1064338 2019-11-26 E VOICE 18-May-17 1838331 N/A N/A 5-Feb-18 1881441 N/A N/A 7CH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 9-Mar-20 2016328 N/A N/A 9-Ma	Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
IM TECHNOLOGIES 01-Feb-08 1381716 TMA737236 31-Mar-09 IM TECHNOLOGIES 20-Aug-12 1590783 TMA912159 24-Aug-15 IM 29-Aug-12 1590783 TMA912159 24-Aug-15 IM 29-Aug-12 1592098 TMA913931 15-Sep-15 29-Aug-12 1592099 TMA913939 15-Sep-15 WITH MORE THAN 10-Apr-14 1672336 TMA969873 3-May-15 E 10-Feb-17 1822346 TMA969873 3-May-15 E 10-Feb-17 1822346 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822350 TMA1069407 14-Jan-20 E SMART 10-Feb-17 1822351 TMA1064338 2019-11-26 E VOICE 18-May-17 1838331 N/A N/A 5-Feb-18 1881441 N/A N/A 7CH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 9-Mar-20 2016328 N/A N/A N/A 9-Mar-20<	ECOBEE & Design	01-Feb-08	1381717	TMA754845	08-Dec-09	ECOBEE INC.
IM TECHNOLOGIES 20-Aug-12 1590783 TMA912159 24-Aug-15 IM 29-Aug-12 1592098 TMA913931 15-Sep-15 IM 29-Aug-12 1592099 TMA913931 15-Sep-15 IM 10-Apr-14 1672336 TMA913939 15-Sep-15 WITH MORE THAN 10-Apr-14 1672337 TMA969873 3-May-15 E 10-Feb-17 1822346 TMA1069873 3-May-15 E 10-Feb-17 1822347 TMA1069407 14-Jan-20 E 10-Feb-17 1822350 TMA1064338 2019-11-26 E 10-Feb-17 1822351 TMA1012526 09-Jan-19 IE 10-Feb-18 1881441 N/A N/A IE 5-Feb-18 1881441 N/A N/A J-Mar-20 2016327 N/A N/A J-Mar-20 2016330 N/A N/A	ECOBEE	01-Feb-08	1381716	TMA737236	31-Mar-09	ECOBEE INC.
IM 29-Aug-12 1592098 TMA913931 15-Sep-15 29-Aug-12 29-Aug-12 1592099 TMA913939 15-Sep-15 WITH MORE THAN 10-Apr-14 1672336 TMA969873 3-May-15 WITH MORE THAN 10-Apr-14 1672337 TMA969866 1-May-15 E 10-Apr-14 1672337 TMA969566 1-May-15 E 10-Feb-17 1822346 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822350 TMA1069407 14-Jan-20 IE VOICE 10-Feb-17 1822351 TMA1064338 2019-11-26 EE VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A J-Mar-20 2016327 N/A N/A J-Mar-20 2016328 N/A N/A	DATARHYTHM TECHNOLOGIES	20-Aug-12	1590783	TMA912159	24-Aug-15	ECOBEE INC.
29-Aug-12 1592099 TMA913939 15-Sep-15 WITH MORE THAN 10-Apr-14 1672336 TMA969873 3-May-15 E 10-Apr-14 1672337 TMA969866 1-May-15 E 10-Feb-17 1822346 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822347 TMA1069407 14-Jan-20 E SMART 10-Feb-17 1822350 TMA1064338 2019-11-26 E VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A 7EN 9-Mar-20 2016327 N/A N/A 9-Mar-20 2016330 N/A N/A	DATARHYTHM	29-Aug-12	1592098	TMA913931	15-Sep-15	ECOBEE INC.
WITH MORE THAN 10-Apr-14 1672336 TMA969873 3-May-15 E 10-Apr-14 1672337 TMA969566 1-May-15 E 10-Feb-17 1822346 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822347 TMA1069407 14-Jan-20 E SMART 10-Feb-17 1822350 TMA1064338 2019-11-26 E SMART 18-May-17 1838331 N/A N/A IE VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A 7EN 9-Mar-20 2016327 N/A N/A 7EN 9-Mar-20 2016328 N/A N/A	HOME IQ	29-Aug-12	1592099	TMA913939	15-Sep-15	ECOBEE INC.
WITH MORE THAN 10-Apr-14 1672337 TMA969566 1-May-15 E 10-Feb-17 1822346 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822347 TMA1069407 14-Jan-20 E SMART 10-Feb-17 1822350 TMA1069407 14-Jan-20 E VOICE 18-May-17 1822351 TMA1012526 09-Jan-19 E VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A P-Mar-20 2016327 N/A N/A P-Mar-20 2016328 N/A N/A N/A N/A N/A	ECOBEE3	10-Apr-14	1672336	TMA969873	3-May-15	ECOBEE INC.
E 10-Feb-17 1822346 TMA1012523 09-Jan-19 ART THERMOSTAT 10-Feb-17 1822347 TMA1069407 14-Jan-20 E SMART 10-Feb-17 1822350 TMA1064338 2019-11-26 E SMART 18-May-17 1822351 TMA1012526 09-Jan-19 IE VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A 7EN 9-Mar-20 2016327 N/A N/A 7EN 9-Mar-20 2016338 N/A N/A N/A 9-Mar-20 2016330 N/A N/A	FOR HOMES WITH MORE THAN ONE ROOM	10-Apr-14	1672337	TMA969566	1-May-15	ECOBEE INC.
ART THERMOSTAT 10-Feb-17 1822347 TMA1069407 14-Jan-20 10-Feb-17 1822350 TMA1064338 2019-11-26 E SMART 10-Feb-17 1822351 TMA1012526 09-Jan-19 IE VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A 7EN 9-Mar-20 2016327 N/A N/A 7EN 9-Mar-20 2016328 N/A N/A N/A N/A N/A N/A	ECOBEE3 LITE	10-Feb-17	1822346	TMA1012523	09-Jan-19	ECOBEE INC.
E SMART 10-Feb-17 1822350 TMA1064338 2019-11-26 T 10-Feb-17 1822351 TMA1012526 09-Jan-19 E VOICE 18-May-17 1838331 N/A N/A TCH+ 5-Feb-18 1881441 N/A N/A TCH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 9-Mar-20 2016327 N/A N/A P-Mar-20 2016328 N/A N/A N/A N/A	ECOBEE4 SMART THERMOSTAT	10-Feb-17	1822347	TMA1069407	14-Jan-20	ECOBEE INC.
TE SMART 10-Feb-17 1822351 TMA1012526 09-Jan-19 IE VOICE 18-May-17 1838331 N/A N/A IE VOICE 5-Feb-18 1881441 N/A N/A TCH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 7EN 9-Mar-20 2016327 N/A N/A 7EN 9-Mar-20 2016330 N/A N/A 9-Mar-20 2016330 N/A N/A	ECOBEE4	10-Feb-17	1822350	TMA1064338	2019-11-26	ECOBEE INC.
IE VOICE 18-May-17 1838331 N/A N/A 5-Feb-18 1881441 N/A N/A TCH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 9-Mar-20 2016327 N/A N/A /EN 9-Mar-20 2016328 N/A N/A 9-Mar-20 2016330 N/A N/A	ECOBEE3 LITE SMART THERMOSTAT	10-Feb-17	1822351	TMA1012526	09-Jan-19	ECOBEE INC.
TCH+ 5-Feb-18 1881441 N/A N/A TCH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 9-Mar-20 2016327 N/A N/A 7EN 9-Mar-20 2016328 N/A N/A 9-Mar-20 2016330 N/A N/A	WHOLE HOME VOICE	18-May-17	1838331	N/A	N/A	ECOBEE INC.
TCH+ 5-Feb-18 1881442 TMA1018537 2-Apr-19 9-Mar-20 2016327 N/A N/A /EN 9-Mar-20 2016328 N/A N/A 9-Mar-20 2016330 N/A N/A	SWITCH+	5-Feb-18	1881441	N/A	N/A	ECOBEE INC.
9-Mar-20 2016327 N/A N/A 7EN 9-Mar-20 2016328 N/A N/A 9-Mar-20 2016330 N/A N/A	ECOBEE SWITCH+	5-Feb-18	1881442	TMA1018537	2-Apr-19	ECOBEE INC.
/EN 9-Mar-20 2016328 N/A N/A 9-Mar-20 2016330 N/A N/A	E (design)	9-Mar-20	2016327	N/A	N/A	ECOBEE INC.
9-Mar-20 2016330 N/A N/A	ECOBEE HAVEN	9-Mar-20	2016328	N/A	N/A	ECOBEE INC.
	ECOBEE logo	9-Mar-20	2016330	N/A	N/A	ECOBEE INC.

TRADEMARKS - U.S.A.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
GREEN MADE EASY	22-Nov-10	85/182,334	4,159,889	19-Jun-12	ECOBEE INC.
ECOBEE	6-Feb-08	77/390,082	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	85/715922	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

Notice of Security Interest in Intellectual Property

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None.

TRADEMARK REEL: 007551 FRAME: 0564

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PATENTS

PATENTS - CANADA

Design

D1507CA00	D1459CA00	D1389CA00	D1387CA00	
CANADA	CANADA	CANADA	CANADA	Country
2019-06-27	2018-04-27	2017-10-27	2017-08-31	Application Date
REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	Title Text
188481	181086	177893	176743	Application Number
	181086	177893	176743	Registration Number
	2019-04-23	2019-04-23	2018-07-05	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	Status

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2019-11-08	2017-10-02	Application Date
08	02	Date
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COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	Title Text
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3063045	2981023	Application Number
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PENDING	ANNUITY DEADLINE	Status
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Notice of Security Interest in Intellectual Property

PCK Reference P7614CA00 P7565CA00 P7207CA00 P7163CA00 P7564CA00 P7562CA00 CANADA CANADA CANADA CANADA CANADA CANADA Country Application Date 2019-04-05 2019-03-19 2019-03-19 2019-03-19 2018-09-24 2018-08-24 HVAC FAN COIL HVAC SIGNALING OVER A TWO-TEMPERATURE SENSING WITH SENSING SWITCH WITH SMART LIGHT SWITCH WITH SMART LIGHT SWITCH WITH SMART LIGHT **SCHEDULING** INTEGRATED CONNECTION DEVICE FOR DETECTOR VACATION CONTROL Title Text CABLE UNITS WIRE MODE LEAK Application Number 3039300 3037170 3037177 3018288 3015330 3037165 Registration Number Registration Date ANNUITY DEADLINE DEADLINE ANNUITY PENDING PENDING PENDING PENDING Status

PATENTS - U.S.A.

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Design

D1574US00	D1516US00	D1512US00	D1507US00	D1389US02	D1389US01	D1387US01	D1387US00	D1194US00	
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-01-10	2019-02-28	2019-02-13	2018-12-31	2019-05-23	2018-03-21	2018-09-21	2017-04-07	2013-10-22	Application Date
CONTACT SENSORS FOR DOORS AND WINDOWS	SWITCH WITH TRIM PLATE	CAMERA DEVICE AND STAND	REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	THERMOSTAT DEVICE	THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE	Title Text
29/720269	29/681876	29/680117	29/675346	29/692228	29/641301	29/664127	29/599864	29/470529	Application Number
							D833893	D734178	Registration Number
							2018-11-20	2015-07-14	Registration Date
CONVENTION DEADLINE	ISSUED	PENDING	DECS/ASSIGNME NTS TO BE FILED	RESPONSE TO OA	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0567

P6163US02	P6163US01	P6163US00	P3396US00	P3213US00	P3212US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-07-22	2018-01-24	2016-10-13	2012-01-10	2011-07-11	2011-07-11	Application Date
CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	CONTROL DEVICE WITH BULK HEATING COMPENSATION	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM	HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION	HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL	Title Fext
16/518102	15/878977	15/292648	13/347105	13/179912	13/179770	Application Number
		10215432	8965585	9016593	9696052	Registration Number
		2019-02-26	2015-02-24	2015-04-28	2017-07-04	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

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P7565US01	P7564US01	P7562US01	P7207US01	P7207US01	P7163US01	P6912US01	P6912US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-09-24	2018-08-24	2019-04-23	2017-05-10	Application Date
SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	Title Text
16/357989	16/357912	16/357762	16/139548	16/139548	16/111384	16/391406	15/591188	Application Number
							10311870	Registration Number
							2019-06-04	Registration Date
FINAL FEE DEADLINE	RESPONSE TO FINAL OA (2-MONTH DEADLINE)	PENDING	RESPONSE TO OA	DECS/TO BE FILED	RESPONSE TO OA	FINAL FEE DEADLINE	ISSUED	Status

Notice of Security Interest in Intellectual Property

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P8344US02	P8344US01	P8344US00	P8343US00	P7614US01	P7565US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-08-10	2016-02-09	2015-11-23	2008-06-09	2019-04-05	2019-03-19	Application Date
DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS	CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	Title Fext
15/233366	15/018943	14/948674	12/135239	16/376029	16/357989	Application Number
9909772	9473321	10250403	9008844			Registration Number
2018-03-06	2016-10-18	2019-04-02	2015-04-14			Registration Date
ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	DECS/ASSIGNME NTS TO BE FILED	DECLARATION/ ASSIGNMENT TO BE FILED	Status

PCK Reference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date	Status
P8344US03	UNITED STATES	2017-08-14	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	15/675819	10072866	2018-09-11	ISSUED
P8344US04	UNITED STATES	2019-02-28	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	16/289051			RESPONSE TO OA
P8345US00	UNITED STATES	2012-08-01	MULTI- DIMENSIONAL HEATING AND COOLING SYSTEM	13/564006	9152154	2015-10-06	ISSUED
P8346US00	UNITED STATES	2012-07-02	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	13/540012	9161419	2015-10-13	ISSUED
P8346US01	UNITED STATES	2015-08-06	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	14/819555	9854645	2117-12-26	ISSUED
P8348US00	UNITED STATES	2013-01-30	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	13/754824	9196103	2015-11-24	ISSUED
P8348US01	UNITED STATES	2015-10-21	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	14/918882	9982472	2018-05-29	ISSUED

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PUK Reference P8348US02 P8349US00 P8349US00	Country UNITED STATES UNITED STATES	Application Plate 2018-03-08 2012-04-13 2012-09-06	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROLLING CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROLLING COMMUNICATI ON AMONG MULTIPLE	OGY DING LING LING AS AS AS AS AS	Application Y OGY OGY IS/915924 DING CATI NG LING LE I3/446172 LE IAL JL IAL JL ING CATI NG CATI NG LING LING LING LING LING CATI NG LING LING LING LING LING LING LING		Application I Number 15/915924 15/915924 13/446172
US01	UNITED STATES	2012-09-06	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS		13/604678		8732270
P8356US00	UNITED STATES	2012-11-13	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS		13/675429	13/675429 9041812	
P8356US01	UNITED STATES	2013-01-25	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS		13/675429	13/675429 9041812	

TRADEMARK REEL: 007551 FRAME: 0573

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P8367US00	P8366US00	P8362US00	P8359US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2014-09-30	2009-05-27	2005-10-24	2009-11-20	Application Date
REMOTE OBJECT SENSING IN VIDEO	MONITORING PATTERNS OF MOTION	SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION	SYSTEM FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, METHOD FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, ASSISTING DEVICE, AND COMPUITER PROGRAM	Title Text
14/502110	12/473181	11/257290	12/622455	Application Number
9270940	8081082	7308321	8516499	Registration Number
2016-02-23	2011-12-20	2007-12-11	2013-08-20	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

P8375US02	P8375US01	P8375US00	P8368US01	P8368US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2017-03-22	2013-01-25	2012-11-13	2008-06-04	2006-06-16	Application Date
DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	Title Text
15/465756	13/751013	13/675348	12/132890	11/455210	Application Number
	9681104	9681103	8134457	7468662	Registration Number
	2017-06-13	2017-06-13	2012-03-13	2008-12-23	Registration Date
PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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PUK Reference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date	Status
P8376US00	UNITED STATES	2009-04-08	GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE	12/420652	8164443	2012-04-24	ISSUED
P8377US00	UNITED STATES	2007-12-10	NOTIFYING USERS OF USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING USERS OF USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	12/179147	7791472	2010-09-07	ISSUED
P8378US00	UNITED STATES	2014-05-22	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	14/284581	9355547	2016-05-31	ISSUED
P8378US01	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146378	9978290	2018-05-22	ISSUED
P8378US02	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146330	9984590	2018-05-29	ISSUED

P8408US00	P8407US00	P8405US01	P8405US00	P8404US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-11-14	2004-06-02	2016-05-12	2015-12-30	2012-10-08	Application Date
DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF PEOPLE	METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS OF SYSTEMS USING CONVERSATION AL OR AUDIO INTERFACE	PRO-ACTIVE BUILDING PROTECTION SYSTEM	PRO-ACTIVE BUILDING PROTECTION SYSTEM	MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A SPECIFIED STATE AT A USER PREMISES	Title Text
13/676545	10/858083	15/152606	14/985068	13/647234	Application Number
9465392	8224649	9483933	9382747	9377791	Registration Number
2016-10-11	2012-07-17	2016-11-01	2016-07-05	2016-06-28	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8412US00	P8411US01	P8411US00	P8410US00	P8409US01	P8409US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-03-14	2016-11-11	2016-03-14	2009-03-12	2012-09-14	2006-02-07	Application Date
INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	INTELLIGENT THERMOSTAT CONTROL SYSTEM	INTELLIGENT THERMOSTAT CONTROL SYSTEM	VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE INCIDENT AWARENESS AND RESPONSE	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	Title Text
13/826419	15/349114	15/068921	12/402626	13/620042	11/348902	Application Number
9599973	9772115	9574786	8368754	8724811	8325923	Registration Number
2017-03-21	2017-09-26	2017-02-21	2013-02-05	2014-05-13	2012-12-04	Registration Date
ANNUITY DEADLINE	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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P8417US00	P8416US00	P8414US01	P8413US00	P8412US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-10-26	2016-04-28	2005-07-28	2016-09-21	2013-08-20	Application Date
AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION	FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES	SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF THE PRESENCE OF A PERSON	SURVEILLANCE DETECTION BASED ON AN IDENTIFICATIO N OF A CARRIED MOBILE DEVICE	INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	Title Text
15/334330	15/141606	11/495334	15/271362	13/971251	Application Number
9756607	9733996	7554444	9693181	9733630	Registration Number
2017-09-05	2017-08-15	2009-06-30	2017-06-27	2017-08-15	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	Status

P8421US01	P8421US00	P8419US01	P8419US00	P8418US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-08-16	2007-01-11	2017-10-03	2016-10-24	2011-02-28	Application Date
AMBIENT PRESENTATION OF SURVEILLANCE DATA	AMBIENT PRESENTATION OF SURVEILLANCE DATA	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATI ON DEVICES	Title Text
13/587038	11/622132	15/723468	15/332501	13/036612	Application Number
8860812	8704893	10055569	9811653	8576066	Registration Number
2014-10-14	2014-04-22	2018-08-21	2017-11-07	2013-11-05	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

P8425US00	P8424US00	P8423US00	P8422US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2006-06-30	2012-01-11	2011-03-21	2012-07-31	Application Date
APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF MOVING OBJECTS IN AN INDOOR ENVIRONMENT	MANAGING ENVIRONMENT AL CONTROL SYSTEM EFFICIENCY	CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING ENVIRONMENT	METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM	Title Text
11/428019	13/348347	13/052754	13/562626	Application Number
7761233	9024765	8738943	8700932	Registration Number
2010-07-20	2015-05-05	2014-05-27	2014-04-14	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

P9481US00	P8898US00	P8430US01	P8430US00	P8429US01	P8429US00	PCK Reference
J S00	J S00	J S01	J S00	∪ S01	J S00	егенсе
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-03-26	2019-09-09	2009-11-06	2007-01-30	2013-01-25	2012-11-13	Application Date
THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION	LIGHT SWITCH SYSTEM	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	Title Text
62/994937	62/897466	12/613758	11/668604	13/751023	13/675391	Application Number
		8805613	8762060	9071807	8934754	Registration Number
		2014-08-12	2014-06-24	2015-06-30	2015-01-13	Registration Date
	CONVENTION DEADLINE	ISSUED	ISSUED	ISSUED	ISSUED	Status



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Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ECOBEE INC.	05/05/2020

RECEIVING PARTY DATA

Name:	AST TRUST COMPANY (CANADA)
Street Address:	1 TORONTO STREET
Internal Address:	SUITE 1200
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5C 2V6

PROPERTY NUMBERS Total: 9

Property Type	Number
Patent Number:	D734178
Patent Number:	D833893
Application Number:	29664127
Application Number:	29641301

	Application Number:	29692228
_	Application Number:	29675346
***************************************	Application Number:	29680117
•	Application Number:	29681876
•	Application Number:	29720269
,		

CORRESPONDENCE DATA

(416)865-73808 Fax Number: 416-865-7697 Phone: Email: jkkim@torys.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if

provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: TORYS LLP

79 WELLINGTON STREET WEST Address Line 1: Address Line 2: 30TH FLOOR, PO BOX 270 Address Line 4: TORONTO, CANADA M5K 1N2

ATTORNEY DOCKET NUMBER:	41252-0001
NAME OF SUBMITTER:	JULIE KIM
Signature:	/Julie Kim/
Date:	05/19/2020

Total Attachments: 22

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RECEIPT INFORMATION

EPAS ID: PAT6113394 **Receipt Date:** 05/19/2020

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NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS the undersigned (the "Debtor"), is the owner of the registered intellectual property set forth on Schedule A attached hereto (collectively, the "Intellectual Property");

AND WHEREAS pursuant to a Note Purchase Agreement dated as of the date hereof (as amended, supplemented, restated or otherwise modified from time to time, the "**NPA**"), the Debtor has issued secured convertible promissory notes (the "**Notes**") to the Investors.

AND WHEREAS pursuant to the NPA, the Debtor has entered into a General Security Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "GSA") in favour of AST TRUST COMPANY (CANADA), as collateral agent (the "Agent") in favour of the Investors and granted a security interest in favour of the Agent with respect to the Debtor's interests in the Intellectual Property, among other collateral, as security for its obligations to the Investors under the NPA and the Notes.

AND WHEREAS capitalized terms used but not defined herein have the meanings assigned to them in the NPA.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in accordance with the terms and obligations set forth in the Security Documents, the Debtor hereby confirms the granting of a security interest and lien in the Intellectual Property to the Agent.

THE DEBTOR hereby certifies that the aforementioned information as it relates to the Debtor is true and accurate.

[Signature Page Follows]

Notice of Security Interest in Intellectual Property (Note Purchase Agreement)

TRADEMARK REEL: 007551 FRAME: 0585 2

DATED: May 5, 2020

ECOBEE INC.

By:

----- Docusigned by: Stuart Lombard

Name: 55tuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

REEL: 007551 FRAME: 0586

SCHEDULE A

INTELLECTUAL PROPERTY

TRADEMARKS - Canada

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
ECOBEE & Design	01-Feb-08	7171861	TMA754845	08-Dec-09	ECOBEE INC.
ECOBEE	01-Feb-08	1381716	TMA737236	31-Mar-09	ECOBEE INC.
DATARHYTHM TECHNOLOGIES	20-Aug-12	1590783	TMA912159	24-Aug-15	ECOBEE INC.
DATARHYTHM	29-Aug-12	1592098	TMA913931	15-Sep-15	ECOBEE INC.
HOME IQ	29-Aug-12	1592099	TMA913939	15-Sep-15	ECOBEE INC.
ECOBEE3	10-Apr-14	1672336	TMA969873	3-May-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	10-Apr-14	1672337	TMA969566	1-May-15	ECOBEE INC.
ECOBEE3 LITE	10-Feb-17	1822346	TMA1012523	09-Jan-19	ECOBEE INC.
ECOBEE4 SMART THERMOSTAT	10-Feb-17	1822347	TMA1069407	14-Jan-20	ECOBEE INC.
ECOBEE4	10-Feb-17	1822350	TMA1064338	2019-11-26	ECOBEE INC.
ECOBEE3 LITE SMART THERMOSTAT	10-Feb-17	1822351	TMA1012526	09-Jan-19	ECOBEE INC.
WHOLE HOME VOICE	18-May-17	1838331	N/A	N/A	ECOBEE INC.
SWITCH+	5-Feb-18	1881441	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	5-Feb-18	1881442	TMA1018537	2-Apr-19	ECOBEE INC.
E (design)	9-Mar-20	2016327	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	9-Mar-20	2016328	N/A	N/A	ECOBEE INC.
ECOBEE logo	9-Mar-20	2016330	N/A	N/A	ECOBEE INC.

TRADEMARKS – U.S.A.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
GREEN MADE EASY	22-Nov-10	85/182,334	4,159,889	19-Jun-12	ECOBEE INC.
ECOBEE	6-Feb-08	77/390,082	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	85/715922	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

TRADEMARK REEL: 007551 FRAME: 0588

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None.

TRADEMARK REEL: 007551 FRAME: 0589

PATENTS

PATENTS - CANADA

Design

D1507CA00	D1459CA00	D1389CA00	D1387CA00	
CANADA	CANADA	CANADA	CANADA	Country
2019-06-27	2018-04-27	2017-10-27	2017-08-31	Application Date
REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	Fith Fext
188481	181086	177893	176743	Application Number
	181086	177893	176743	Registration Number
	2019-04-23	2019-04-23	2018-07-05	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	Status

Patent

P6912CA00	P6163CA00	PCK Reference
CANADA	CANADA	Country
2019-11-08	2017-10-02	Application Date
COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	Title Text
3063045	2981023	Application Number
		Registration Number
		Registration Date
PENDING	ANNUITY DEADLINE	Status

TRADEMARK REEL: 007551 FRAME: 0590

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P7614CA00	P7565CA00	P7564CA00	P7562CA00	P7207CA00	P7163CA00	PCK Reference
CANADA	CANADA	CANADA	CANADA	CANADA	CANADA	Country
2019-04-05	2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-08-24	Application Date
CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	Title Text
3039300	3037170	3037177	3037165	3018288	3015330	Application Number
						Registration Number
						Registration Date
PENDING	PENDING	PENDING	PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	Status

TRADEMARK REEL: 007551 FRAME: 0591

PATENTS - U.S.A.

Design

D1574US00	D1516US00	D1512US00	D1507US00	D1389US02	D1389US01	D1387US01	D1387US00	D1194US00	
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-01-10	2019-02-28	2019-02-13	2018-12-31	2019-05-23	2018-03-21	2018-09-21	2017-04-07	2013-10-22	Application Date
CONTACT SENSORS FOR DOORS AND WINDOWS	SWITCH WITH TRIM PLATE	CAMERA DEVICE AND STAND	REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	THERMOSTAT DEVICE	THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE	Title Text
29/720269	29/681876	29/680117	29/675346	29/692228	29/641301	29/664127	29/599864	29/470529	Application Number
							D833893	D734178	Registration Number
							2018-11-20	2015-07-14	Registration Date
CONVENTION DEADLINE	ISSUED	PENDING	DECS/ASSIGNME NTS TO BE FILED	RESPONSE TO OA	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0592

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P6163US02	P6163US01	P6163US00	P3396US00	P3213US00	P3212US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-07-22	2018-01-24	2016-10-13	2012-01-10	2011-07-11	2011-07-11	Application Date
CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	CONTROL DEVICE WITH BULK HEATING COMPENSATION	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM	HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION	HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL	Title Text
16/518102	15/878977	15/292648	13/347105	13/179912	13/179770	Application Number
		10215432	8965585	9016593	9696052	Registration Number
		2019-02-26	2015-02-24	2015-04-28	2017-07-04	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

Notice of Security Interest in Intellectual Property

TRADEMARK REEL: 007551 FRAME: 0594

P7565US01	P7564US01	P7562US01	P7207US01	P7207US01	P7163US01	P6912US01	P6912US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-09-24	2018-08-24	2019-04-23	2017-05-10	Application Date
SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	Title Text
16/357989	16/357912	16/357762	16/139548	16/139548	16/111384	16/391406	15/591188	Application Number
							10311870	Registration Number
							2019-06-04	Registration Date
FINAL FEE DEADLINE	RESPONSE TO FINAL OA (2-MONTH DEADLINE)	PENDING	RESPONSE TO OA	DECS/TO BE FILED	RESPONSE TO OA	FINAL FEE DEADLINE	ISSUED	Status

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P8344US02	P8344US01	P8344US00	P8343US00	P7614US01	P7565US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-08-10	2016-02-09	2015-11-23	2008-06-09	2019-04-05	2019-03-19	Application Date
DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS	CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	Title Fext
15/233366	15/018943	14/948674	12/135239	16/376029	16/357989	Application Number
9909772	9473321	10250403	9008844			Registration Number
2018-03-06	2016-10-18	2019-04-02	2015-04-14			Registration Date
ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	DECS/ASSIGNME NTS TO BE FILED	DECLARATION/ ASSIGNMENT TO BE FILED	Status

P8348US01	P8348US00	P8346US01	P8346US00	P8345US00	P8344US04	P8344US03	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2015-10-21	2013-01-30	2015-08-06	2012-07-02	2012-08-01	2019-02-28	2017-08-14	Application Date
ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	MULTI- DIMENSIONAL HEATING AND COOLING SYSTEM	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	Title Text
14/918882	13/754824	14/819555	13/540012	13/564006	16/289051	15/675819	Application Number
9982472	9196103	9854645	9161419	9152154		10072866	Registration Number
2018-05-29	2015-11-24	2117-12-26	2015-10-13	2015-10-06		2018-09-11	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	RESPONSE TO OA	ISSUED	Status

Notice of Security Interest in Intellectual Property

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PCK Reference	Country	Application Date	Title Test	Application Number	Registration Number	Registration Date	Status
P8348US02	UNITED STATES	2018-03-08	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	15/915924	10309145	2019-06-04	ISSUED
P8349US00	UNITED STATES	2012-04-13	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/446172	8872638	2014-10-28	ISSUED
P8349US01	UNITED STATES	2012-09-06	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/604678	8732270	2014-05-20	ISSUED
P8356US00	UNITED STATES	2012-11-13	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	13/675429	9041812	2015-05-26	ISSUED
P8356US01	UNITED STATES	2013-01-25	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	13/675429	9041812	2015-11-17	ISSUED

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P8367US00	P8366US00	P8362US00	P8359US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2014-09-30	2009-05-27	2005-10-24	2009-11-20	Application Date
REMOTE OBJECT SENSING IN VIDEO	MONITORING PATTERNS OF MOTION	SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION	SYSTEM FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, METHOD FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, ASSISTING DEVICE, AND COMPUITER PROGRAM	Title Text
14/502110	12/473181	11/257290	12/622455	Application Number
9270940	8081082	7308321	8516499	Registration Number
2016-02-23	2011-12-20	2007-12-11	2013-08-20	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

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P8375US02	P8375US01	P8375US00	P8368US01	P8368US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2017-03-22	2013-01-25	2012-11-13	2008-06-04	2006-06-16	Application Date
DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	Title Text
15/465756	13/751013	13/675348	12/132890	11/455210	Application Number
	9681104	9681103	8134457	7468662	Registration Number
	2017-06-13	2017-06-13	2012-03-13	2008-12-23	Registration Date
PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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PUK Reference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date	Status
P8376US00	UNITED STATES	2009-04-08	GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE	12/420652	8164443	2012-04-24	ISSUED
P8377US00	UNITED STATES	2007-12-10	NOTIFYING USERS OF USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING USERS OF USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	12/179147	7791472	2010-09-07	ISSUED
P8378US00	UNITED STATES	2014-05-22	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	14/284581	9355547	2016-05-31	ISSUED
P8378US01	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146378	9978290	2018-05-22	ISSUED
P8378US02	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146330	9984590	2018-05-29	ISSUED

P8408US00	P8407US00	P8405US01	P8405US00	P8404US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-11-14	2004-06-02	2016-05-12	2015-12-30	2012-10-08	Application Date
DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF PEOPLE	METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS OF SYSTEMS USING CONVERSATION AL OR AUDIO INTERFACE	PRO-ACTIVE BUILDING PROTECTION SYSTEM	PRO-ACTIVE BUILDING PROTECTION SYSTEM	MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A SPECIFIED STATE AT A USER PREMISES	Title Text
13/676545	10/858083	15/152606	14/985068	13/647234	Application Number
9465392	8224649	9483933	9382747	9377791	Registration Number
2016-10-11	2012-07-17	2016-11-01	2016-07-05	2016-06-28	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8412US00	P8411US01	P8411US00	P8410US00	P8409US01	P8409US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-03-14	2016-11-11	2016-03-14	2009-03-12	2012-09-14	2006-02-07	Application Date
INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	INTELLIGENT THERMOSTAT CONTROL SYSTEM	INTELLIGENT THERMOSTAT CONTROL SYSTEM	VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE INCIDENT AWARENESS AND RESPONSE	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	Title Text
13/826419	15/349114	15/068921	12/402626	13/620042	11/348902	Application Number
9599973	9772115	9574786	8368754	8724811	8325923	Registration Number
2017-03-21	2017-09-26	2017-02-21	2013-02-05	2014-05-13	2012-12-04	Registration Date
ANNUITY DEADLINE	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8417US00	P8416US00	P8414US01	P8413US00	P8412US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-10-26	2016-04-28	2005-07-28	2016-09-21	2013-08-20	Application Date
AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION	FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES	SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF THE PRESENCE OF A PERSON	SURVEILLANCE DETECTION BASED ON AN IDENTIFICATIO N OF A CARRIED MOBILE DEVICE	INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	Title Text
15/334330	15/141606	11/495334	15/271362	13/971251	Application Number
9756607	9733996	7554444	9693181	9733630	Registration Number
2017-09-05	2017-08-15	2009-06-30	2017-06-27	2017-08-15	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	Status

P8421US01	P8421US00	P8419US01	P8419US00	P8418US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-08-16	2007-01-11	2017-10-03	2016-10-24	2011-02-28	Application Date
AMBIENT PRESENTATION OF SURVEILLANCE DATA	AMBIENT PRESENTATION OF SURVEILLANCE DATA	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATI ON DEVICES	Title Text
13/587038	11/622132	15/723468	15/332501	13/036612	Application Number
8860812	8704893	10055569	9811653	8576066	Registration Number
2014-10-14	2014-04-22	2018-08-21	2017-11-07	2013-11-05	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

P8425US00	P8424US00	P8423US00	P8422US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2006-06-30	2012-01-11	2011-03-21	2012-07-31	Application Date
APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF MOVING OBJECTS IN AN INDOOR ENVIRONMENT	MANAGING ENVIRONMENT AL CONTROL SYSTEM EFFICIENCY	CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING ENVIRONMENT	METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM	Title Text
11/428019	13/348347	13/052754	13/562626	Application Number
7761233	9024765	8738943	8700932	Registration Number
2014-04-14 2014-05-27 2015-05-05 2010-07-20		2014-04-14	Registration Date	
ISSUED	ISSUED	ISSUED	ISSUED	Status

PCK Reference	Country	Application Pate	File Text	Application Number	Registration Number	Registration Date	
P8429US00	UNITED STATES	2012-11-13	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	13/675391	8934754	2015-01-13	
P8429US01	UNITED STATES	2013-01-25	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	13/751023	9071807	2015-06-30	
P8430US00	UNITED STATES	2007-01-30	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	11/668604	8762060	2014-06-24	
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	12/613758	8805613	2014-08-12	
P8898US00	UNITED STATES	2019-09-09	LIGHT SWITCH SYSTEM	62/897466			
P9481US00	UNITED STATES	2020-03-26	THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION	62/994937			



United States Patent and Trademark Office

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Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ECOBEE INC.	05/05/2020

RECEIVING PARTY DATA

Name:	AST TRUST COMPANY (CANADA)
Street Address:	1 TORONTO STREET
Internal Address:	SUITE 1200
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5C 2V6

PROPERTY NUMBERS Total: 75

Property Type	Number
Patent Number:	9696052
Patent Number:	9016593
Patent Number:	8965585
Patent Number:	10215432

Patent Number:	10311870
Patent Number:	9008844
Patent Number:	10250403
Patent Number:	9473321
Patent Number:	9909772
Patent Number:	10072866
Patent Number:	9152154
Patent Number:	9161419
Patent Number:	9854645
Patent Number:	9196103
Patent Number:	9982472
Patent Number:	10309145
Patent Number:	8872638
Patent Number:	8732270
Patent Number:	9041812
Patent Number:	8516499
Patent Number:	7308321
Patent Number:	8081082
Patent Number:	9270940
Patent Number:	7468662
Patent Number:	8134457
Patent Number:	9681103
Patent Number:	9681104
Patent Number:	8164443
Patent Number:	7432805
Patent Number:	7791472
Patent Number:	9355547
Patent Number:	9978290
Patent Number:	9984590
Patent Number:	9377791
Patent Number:	9382747
Patent Number:	9483933
Patent Number:	8224649
Patent Number:	9465392
Patent Number:	8724811
Patent Number:	8368754
Patent Number:	9574786

Patent Number:	9772115
Patent Number:	9599973
Patent Number:	9733630
Patent Number:	9693181
Patent Number:	7554444
Patent Number:	9733996
Patent Number:	9756607
Patent Number:	8576066
Patent Number:	9811653
Patent Number:	10055569
Patent Number:	8704893
Patent Number:	8860812
Patent Number:	8700932
Patent Number:	8738943
Patent Number:	9024765
Patent Number:	7761233
Patent Number:	8934754
Patent Number:	9071807
Patent Number:	8762060
Patent Number:	8805613
Application Number:	15878977
Application Number:	16518102
Application Number:	16391406
Application Number:	16111384
Application Number:	16139548
Application Number:	16357762
Application Number:	16357912
Application Number:	16357989
Application Number:	16376029
Application Number:	16289051
Application Number:	15465756
Application Number:	11348902
Application Number:	62897466
Application Number:	62994937

CORRESPONDENCE DATA

(416)865-7380 Fax Number: 416-865-7697 Phone: Email: ikkim@torvs.com Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail. Correspondent Name: TORYSLLP 79 WELLINGTON STREET WEST Address Line 1: Address Line 2: 30TH FLOOR, PO BOX 270 Address Line 4: TORONTO, CANADA M5K 1N2 ATTORNEY DOCKET 41252-0001 **NUMBER:** NAME OF SUBMITTER: JULIE KIM Signature: /Julie Kim/ Date: 05/19/2020 **Total Attachments: 22** source=ecobee - Notice of Security Interest in IP (005)_#page1.tif source=ecobee - Notice of Security Interest in IP (005)_#page2.tif source=ecobee - Notice of Security Interest in IP (005)_#page3.tif source=ecobee - Notice of Security Interest in IP (005)_#page4.tif source=ecobee - Notice of Security Interest in IP (005) #page5.tif source=ecobee - Notice of Security Interest in IP (005)_#page6.tif source=ecobee - Notice of Security Interest in IP (005)_#page7.tif source=ecobee - Notice of Security Interest in IP (005)_#page8.tif source=ecobee - Notice of Security Interest in IP (005)_#page9.tif source=ecobee - Notice of Security Interest in IP (005)_#page10.tif source=ecobee - Notice of Security Interest in IP (005)_#page11.tif source=ecobee - Notice of Security Interest in IP (005)_#page12.tif source=ecobee - Notice of Security Interest in IP (005)_#page13.tif source=ecobee - Notice of Security Interest in IP (005)_#page14.tif source=ecobee - Notice of Security Interest in IP (005)_#page15.tif source=ecobee - Notice of Security Interest in IP (005)_#page16.tif source=ecobee - Notice of Security Interest in IP (005)_#page17.tif source=ecobee - Notice of Security Interest in IP (005)_#page18.tif source=ecobee - Notice of Security Interest in IP (005)_#page19.tif source=ecobee - Notice of Security Interest in IP (005)_#page20.tif source=ecobee - Notice of Security Interest in IP (005)_#page21.tif source=ecobee - Notice of Security Interest in IP (005)_#page22.tif RECEIPT INFORMATION EPAS ID: PAT6113378 Receipt Date: 05/19/2020

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TRADEMARK

NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS the undersigned (the "Debtor"), is the owner of the registered intellectual property set forth on Schedule A attached hereto (collectively, the "Intellectual Property");

AND WHEREAS pursuant to a Note Purchase Agreement dated as of the date hereof (as amended, supplemented, restated or otherwise modified from time to time, the "**NPA**"), the Debtor has issued secured convertible promissory notes (the "**Notes**") to the Investors.

AND WHEREAS pursuant to the NPA, the Debtor has entered into a General Security Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "GSA") in favour of AST TRUST COMPANY (CANADA), as collateral agent (the "Agent") in favour of the Investors and granted a security interest in favour of the Agent with respect to the Debtor's interests in the Intellectual Property, among other collateral, as security for its obligations to the Investors under the NPA and the Notes.

AND WHEREAS capitalized terms used but not defined herein have the meanings assigned to them in the NPA.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in accordance with the terms and obligations set forth in the Security Documents, the Debtor hereby confirms the granting of a security interest and lien in the Intellectual Property to the Agent.

THE DEBTOR hereby certifies that the aforementioned information as it relates to the Debtor is true and accurate.

[Signature Page Follows]

Notice of Security Interest in Intellectual Property (Note Purchase Agreement)

TRADEMARK
REEL: 007551 FRAME: 0611

2

DATED: May 5, 2020

ECOBEE INC.

By:

Docusigned by:
Stuart Lombard

Name: 55th art Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

REEL: 007551 FRAME: 0612

SCHEDULE A

INTELLECTUAL PROPERTY

TRADEMARKS - Canada

TRADEMARK **REEL: 007551 FRAME: 0613**

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
ECOBEE & Design	01-Feb-08	1381717	TMA754845	08-Dec-09	ECOBEE INC.
ECOBEE	01-Feb-08	1381716	TMA737236	31-Mar-09	ECOBEE INC.
DATARHYTHM TECHNOLOGIES	20-Aug-12	1590783	TMA912159	24-Aug-15	ECOBEE INC.
DATARHYTHM	29-Aug-12	1592098	TMA913931	15-Sep-15	ECOBEE INC.
HOME IQ	29-Aug-12	1592099	TMA913939	15-Sep-15	ECOBEE INC.
ECOBEE3	10-Apr-14	1672336	TMA969873	3-May-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	10-Apr-14	1672337	TMA969566	1-May-15	ECOBEE INC.
ECOBEE3 LITE	10-Feb-17	1822346	TMA1012523	09-Jan-19	ECOBEE INC.
ECOBEE4 SMART THERMOSTAT	10-Feb-17	1822347	TMA1069407	14-Jan-20	ECOBEE INC.
ECOBEE4	10-Feb-17	1822350	TMA1064338	2019-11-26	ECOBEE INC.
ECOBEE3 LITE SMART THERMOSTAT	10-Feb-17	1822351	TMA1012526	09-Jan-19	ECOBEE INC.
WHOLE HOME VOICE	18-May-17	1838331	N/A	N/A	ECOBEE INC.
SWITCH+	5-Feb-18	1881441	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	5-Feb-18	1881442	TMA1018537	2-Apr-19	ECOBEE INC.
E (design)	9-Mar-20	2016327	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	9-Mar-20	2016328	N/A	N/A	ECOBEE INC.
ECOBEE logo	9-Mar-20	2016330	N/A	N/A	ECOBEE INC.

TRADEMARKS – U.S.A.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
GREEN MADE EASY	22-Nov-10	85/182,334	4,159,889	19-Jun-12	ECOBEE INC.
ECOBEE	6-Feb-08	77/390,082	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	85/715922	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

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Notice of Security Interest in Intellectual Property

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None.

TRADEMARK REEL: 007551 FRAME: 0615

PATENTS

PATENTS - CANADA

Design

D1507CA00	D1459CA00	D1389CA00	D1387CA00	
CANADA	CANADA	CANADA	CANADA	Country
2019-06-27	2018-04-27	2017-10-27	2017-08-31	Application Date
REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	Title Text
188481	181086	177893	176743	Application Number
	181086	177893	176743	Registration Number
	2019-04-23	2019-04-23	2018-07-05	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	Status

Patent

P6912CA00	P6163CA00	PCK Reference
CANADA	CANADA	Country
2019-11-08	2017-10-02	Application Date
COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	Title Text
3063045	2981023	Application Number
		Registration Number
		Registration Date
PENDING	ANNUITY DEADLINE	Siatus

REEL: 007551 FRAME: 0616

Notice of Security Interest in Intellectual Property

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P7614CA00	P7565CA00	P7564CA00	P7562CA00	P7207CA00	P7163CA00	PCK Reference
CANADA	CANADA	CANADA	CANADA	CANADA	CANADA	Санину
2019-04-05	2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-08-24	Application Date
CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	Title Text
3039300	3037170	3037177	3037165	3018288	3015330	Application Number
						Registration Number
						Registration Date
PENDING	PENDING	PENDING	PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	Status

PATENTS - U.S.A.

Design

D1574US00	D1516US00	D1512US00	D1507US00	D1389US02	D1389US01	D1387US01	D1387US00	D1194US00	
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-01-10	2019-02-28	2019-02-13	2018-12-31	2019-05-23	2018-03-21	2018-09-21	2017-04-07	2013-10-22	Application Date
CONTACT SENSORS FOR DOORS AND WINDOWS	SWITCH WITH TRIM PLATE	CAMERA DEVICE AND STAND	REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	THERMOSTAT DEVICE	THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE	Title Text
29/720269	29/681876	29/680117	29/675346	29/692228	29/641301	29/664127	29/599864	29/470529	Application Number
							D833893	D734178	Registration Number
							2018-11-20	2015-07-14	Registration Date
CONVENTION DEADLINE	ISSUED	PENDING	DECS/ASSIGNME NTS TO BE FILED	RESPONSE TO OA	ISSUED	ISSUED	ISSUED	ISSUED	Status

Notice of Security Interest in Intellectual Property

TRADEMARK REEL: 007551 FRAME: 0618

Patent

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P6163US02	P6163US01	P6163US00	P3396US00	P3213US00	P3212US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-07-22	2018-01-24	2016-10-13	2012-01-10	2011-07-11	2011-07-11	Application Date
CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	CONTROL DEVICE WITH BULK HEATING COMPENSATION	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM	HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION	HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL	Title Fext
16/518102	15/878977	15/292648	13/347105	13/179912	13/179770	Application Number
		10215432	8965585	9016593	9696052	Registration Number
		2019-02-26	2015-02-24	2015-04-28	2017-07-04	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0619

Notice of Security Interest in Intellectual Property

P7565US01	P7564US01	P7562US01	P7207US01	P7207US01	P7163US01	P6912US01	P6912US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-09-24	2018-08-24	2019-04-23	2017-05-10	Application Date
SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	Title Text
16/357989	16/357912	16/357762	16/139548	16/139548	16/111384	16/391406	15/591188	Application Number
							10311870	Registration Number
							2019-06-04	Registration Date
FINAL FEE DEADLINE	RESPONSE TO FINAL OA (2-MONTH DEADLINE)	PENDING	RESPONSE TO OA	DECS/TO BE FILED	RESPONSE TO OA	FINAL FEE DEADLINE	ISSUED	Status

P8344US02	P8344US01	P8344US00	P8343US00	P7614US01	P7565US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-08-10	2016-02-09	2015-11-23	2008-06-09	2019-04-05	2019-03-19	Application Date
DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS	CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	Title Text
15/233366	15/018943	14/948674	12/135239	16/376029	16/357989	Application Number
9909772	9473321	10250403	9008844			Registration Number
2018-03-06	2016-10-18	2019-04-02	2015-04-14			Registration Date
ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	DECS/ASSIGNME NTS TO BE FILED	DECLARATION/ ASSIGNMENT TO BE FILED	Status

P8348US01	P8348US00	P8346US01	P8346US00	P8345US00	P8344US04	P8344US03	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2015-10-21	2013-01-30	2015-08-06	2012-07-02	2012-08-01	2019-02-28	2017-08-14	Application Date
ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	MULTI- DIMENSIONAL HEATING AND COOLING SYSTEM	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	Title Text
14/918882	13/754824	14/819555	13/540012	13/564006	16/289051	15/675819	Application Number
9982472	6019616	9854645	9161419	9152154		10072866	Registration Number
2018-05-29	2015-11-24	2117-12-26	2015-10-13	2015-10-06		2018-09-11	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	RESPONSE TO OA	ISSUED	Status

Notice of Security Interest in Intellectual Property

P8356US01 UN	P8356US00 UN	P8349US01 UN	P8349US00 UN	P8348US02 UN	TK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-01-25	2012-11-13	2012-09-06	2012-04-13	2018-03-08	Application Date
AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	Title Text
13/675429	13/675429	13/604678	13/446172	15/915924	Application Number
9041812	9041812	8732270	8872638	10309145	Registration Number
2015-11-17	2015-05-26	2014-05-20	2014-10-28	2019-06-04	Registration Date
Ganssi	ISSUED	ISSUED	ISSUED	ISSUED	Status

P8367US00 UNITEI	P8366US00 UNITEI	P8362US00 UNITEI	P8359US00 UNITEI	PCk Reference Co
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Сониту
2014-09-30	2009-05-27	2005-10-24	2009-11-20	Application Date
REMOTE OBJECT SENSING IN	MONITORING PATTERNS OF MOTION	SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION	SYSTEM FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, METHOD FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, ASSISTING DEVICE, AND COMPUITER PROGRAM	Title Text
14/502110	12/473181	11/257290	12/622455	Application Number
9270940	8081082	7308321	8516499	Registration Number
2016-02-23	2011-12-20	2007-12-11	2013-08-20	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

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P8375US02	P8375US01	P8375US00	P8368US01	P8368US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2017-03-22	2013-01-25	2012-11-13	2008-06-04	2006-06-16	Application Date
DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	Title Text
15/465756	13/751013	13/675348	12/132890	11/455210	Application Number
	9681104	9681103	8134457	7468662	Registration Number
	2017-06-13	2017-06-13	2012-03-13	2008-12-23	Registration Date
PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

Notice of Security Interest in Intellectual Property

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PCK Reference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date
P8376US00	UNITED STATES	2009-04-08	GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE	12/420652	8164443	2012-04-24
P8377US00	UNITED STATES	2007-12-10	NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07
P8377US01	UNITED STATES	2008-07-24	NOTIFYING USERS OF USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	12/179147	7791472	2010-09-07
P8378US00	UNITED STATES	2014-05-22	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	14/284581	9355547	2016-05-31
P8378US01	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146378	9978290	2018-05-22
P8378US02	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146330	9984590	2018-05-29

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P8408US00	P8407US00	P8405US01	P8405US00	P8404US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Сониту
2012-11-14	2004-06-02	2016-05-12	2015-12-30	2012-10-08	Application Date
DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF PEOPLE	METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS OF SYSTEMS USING CONVERSATION AL OR AUDIO INTERFACE	PRO-ACTIVE BUILDING PROTECTION SYSTEM	PRO-ACTIVE BUILDING PROTECTION SYSTEM	MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A SPECIFIED STATE AT A USER PREMISES	Title Text
13/676545	10/858083	15/152606	14/985068	13/647234	Application Number
9465392	8224649	9483933	9382747	9377791	Registration Number
2016-10-11	2012-07-17	2016-11-01	2016-07-05	2016-06-28	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8412US00	P8411US01	P8411US00	P8410US00	P8409US01	P8409US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-03-14	2016-11-11	2016-03-14	2009-03-12	2012-09-14	2006-02-07	Application Date
INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	INTELLIGENT THERMOSTAT CONTROL SYSTEM	INTELLIGENT THERMOSTAT CONTROL SYSTEM	VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE INCIDENT AWARENESS AND RESPONSE	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	This Text
13/826419	15/349114	15/068921	12/402626	13/620042	11/348902	Application Number
9599973	9772115	9574786	8368754	8724811	8325923	Registration Number
2017-03-21	2017-09-26	2017-02-21	2013-02-05	2014-05-13	2012-12-04	Registration Date
ANNUITY DEADLINE	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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P8417US00	P8416US00	P8414US01	P8413US00	P8412US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-10-26	2016-04-28	2005-07-28	2016-09-21	2013-08-20	Application Date
AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION	FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES	SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF THE PRESENCE OF A PERSON	SURVEILLANCE DETECTION BASED ON AN IDENTIFICATIO N OF A CARRIED MOBILE DEVICE	INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	Title Text
15/334330	15/141606	11/495334	15/271362	13/971251	Application Number
9756607	9733996	7554444	9693181	9733630	Registration Number
2017-09-05	2017-08-15	2009-06-30	2017-06-27	2017-08-15	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	Status

P8421US01	P8421US00	P8419US01	P8419US00	P8418US00	PCK Reference
SALVES DALINN	SELVES GELINN	UNITED STATES	UNITED STATES	SELVES GELINN	Country
2012-08-16	2007-01-11	2017-10-03	2016-10-24	2011-02-28	Application Date
AMBIENT PRESENTATION OF SURVEILLANCE DATA	AMBIENT PRESENTATION OF SURVEILLANCE DATA	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATI ON DEVICES	Title Text
13/587038	11/622132	15/723468	15/332501	13/036612	Application Number
8860812	8704893	10055569	9811653	8576066	Registration Number
2014-10-14	2014-04-22	2018-08-21	2017-11-07	2013-11-05	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

P8425US00	P8424US00	P8423US00	P8422US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2006-06-30	2012-01-11	2011-03-21	2012-07-31	Application Date
APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF MOVING OBJECTS IN AN INDOOR ENVIRONMENT	MANAGING ENVIRONMENT AL CONTROL SYSTEM EFFICIENCY	CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING ENVIRONMENT	METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM	Title Text
11/428019	13/348347	13/052754	13/562626	Application Number
7761233	9024765	8738943	8700932	Registration Number
2015-05-05		2014-05-27	2014-04-14	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

PCK Reference	Country	Application Date	Fitte Text	Application Number	Registration Number	Registration Date	Status
P8429US00	UNITED STATES	2012-11-13	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	13/675391	8934754	2015-01-13	ISSUED
P8429US01	UNITED STATES	2013-01-25	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	13/751023	9071807	2015-06-30	ISSUED
P8430US00	UNITED STATES	2007-01-30	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	12/613758	8805613	2014-08-12	ISSUED
P8898US00	UNITED STATES	2019-09-09	LIGHT SWITCH SYSTEM	62/897466			CONVENTION DEADLINE
P9481US00	UNITED STATES	2020-03-26	THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION	62/994937			

TRADEMARK REEL: 007551 FRAME: 0632



Electronic Trademark Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

THADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
 NATUBE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	

Name	Formerly	Execution Date	Entity Type
Ecobee Inc.		[05/05/2020]	Corporation: CANADA

RECEIVING PARTY DATA

Name:	AST Trust Company (Canada)
Street Address:	1 Toronto Street
Internal Address:	Sulte 1200
City:	Torento
State/Country:	CANADA
Postal Code:	M5C 2V6
Entity Type:	Corporation: CANADA

PROPERTY NUMBERS Total: 17 · Proper II Alexandre V

Property Type	Number	Word Mark
Registration Number:	4159889	GREEN MADE EASY
Registration Number:	3710918	ECOBEE
Registration Number:	3795396	ECOBEE
Registration Number:	4585057	MHTYHRATAD
Registration Number:	4212997	ECOBEE SMART THERMOSTAT
Registration Number:	4451834	ECOBEE SMART
Registration Number:	4201387	ECOBEE EMS
Registration Number:	4757295	ECOBEE3
Registration Number:	4797795	FOR HOMES WITH MORE THAN ONE ROOM
Registration Number:	5509131	DONATE YOUR DATA
Registration Number:	5778367	ECOBEE3 LITE
Registration Number:	5296228	
Serial Number:	87359580	ECOBEE4
Serial Number:	87790524	SWITCH+
Serial Number:	87591544	WHOLE HOME VOICE
Serial Number:	87790509	ECOBEE SWITCH+
Serial Number:	88845798	ECOBEE HAVEN

CORRESPONDENCE DATA

4168657380 416-865-7697 Fax Number: ikkim@torys.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US ffeil.

Correspondent Name: Torys LLP

79 Wellington Street West 30th Floor, PO Box 270 Toronto, GANADA M6K 1N2 Address Line 1: Address Line 2: Address Line 4:

DOMEISTIC BEPFIESENTATIVE Name: Address Line 1: Address Line 2: Address Line 3: Address Line 4:	
NAME OF SUBMITTER:	Julie Kim
Signature:	/Julie Kim/
Date:	05/19/2020
source=ecobee - Notice of Se	

Return to ETAS home page

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TRADEMARK REEL: 007551 FRAME: 0634 $_{2020}$

NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

WHEREAS the undersigned (the "Debtor"), is the owner of the registered intellectual property set forth on Schedule A attached hereto (collectively, the "Intellectual Property");

AND WHEREAS pursuant to a Note Purchase Agreement dated as of the date hereof (as amended, supplemented, restated or otherwise modified from time to time, the "**NPA**"), the Debtor has issued secured convertible promissory notes (the "**Notes**") to the Investors.

AND WHEREAS pursuant to the NPA, the Debtor has entered into a General Security Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "GSA") in favour of AST TRUST COMPANY (CANADA), as collateral agent (the "Agent") in favour of the Investors and granted a security interest in favour of the Agent with respect to the Debtor's interests in the Intellectual Property, among other collateral, as security for its obligations to the Investors under the NPA and the Notes.

AND WHEREAS capitalized terms used but not defined herein have the meanings assigned to them in the NPA.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and in accordance with the terms and obligations set forth in the Security Documents, the Debtor hereby confirms the granting of a security interest and lien in the Intellectual Property to the Agent.

THE DEBTOR hereby certifies that the aforementioned information as it relates to the Debtor is true and accurate.

[Signature Page Follows]

Notice of Security Interest in Intellectual Property (Note Purchase Agreement)

2

DATED: May 5, 2020

ECOBEE INC.

By:

Stuart Lombard

Name: 55th art Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

REEL: 007551 FRAME: 0636

SCHEDULE A

INTELLECTUAL PROPERTY

TRADEMARKS - Canada

TRADEMARK REEL: 007551 FRAME: 0637

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
ECOBEE & Design	01-Feb-08	1381717	TMA754845	08-Dec-09	ECOBEE INC.
ECOBEE	01-Feb-08	1381716	TMA737236	31-Mar-09	ECOBEE INC.
DATARHYTHM TECHNOLOGIES	20-Aug-12	1590783	TMA912159	24-Aug-15	ECOBEE INC.
DATARHYTHM	29-Aug-12	1592098	TMA913931	15-Sep-15	ECOBEE INC.
HOME IQ	29-Aug-12	1592099	TMA913939	15-Sep-15	ECOBEE INC.
ECOBEE3	10-Apr-14	1672336	TMA969873	3-May-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	10-Apr-14	1672337	TMA969566	1-May-15	ECOBEE INC.
ECOBEE3 LITE	10-Feb-17	1822346	TMA1012523	09-Jan-19	ECOBEE INC.
ECOBEE4 SMART THERMOSTAT	10-Feb-17	1822347	TMA1069407	14-Jan-20	ECOBEE INC.
ECOBEE4	10-Feb-17	1822350	TMA1064338	2019-11-26	ECOBEE INC.
ECOBEE3 LITE SMART THERMOSTAT	10-Feb-17	1822351	TMA1012526	09-Jan-19	ECOBEE INC.
WHOLE HOME VOICE	18-May-17	1838331	N/A	N/A	ECOBEE INC.
SWITCH+	5-Feb-18	1881441	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	5-Feb-18	1881442	TMA1018537	2-Apr-19	ECOBEE INC.
E (design)	9-Mar-20	2016327	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	9-Mar-20	2016328	N/A	N/A	ECOBEE INC.
ECOBEE logo	9-Mar-20	2016330	N/A	N/A	ECOBEE INC.

TRADEMARKS – U.S.A.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
GREEN MADE EASY	22-Nov-10	85/182,334	4,159,889	19-Jun-12	ECOBEE INC.
ECOBEE	6-Feb-08	280,065/77	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	226512/58	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	252064/58	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

Notice of Security Interest in Intellectual Property

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None.

PATENTS

PATENTS - CANADA

Design

D1507CA00	D1459CA00	D1389CA00	D1387CA00	
CANADA	CANADA	CANADA	CANADA	Country
2019-06-27	2018-04-27	2017-10-27	2017-08-31	Application Date
REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	Title Text
188481	181086	177893	176743	Application Number
	181086	177893	176743	Registration Number
	2019-04-23	2019-04-23	2018-07-05	Registration Date
PENDING	ISSUED	ISSUED	ISSUED	Status

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P6912CA00	P6163CA00	PCK Reference
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CANADA	CANADA	Country
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2019-11-08	2017-10-02	Application Date
08	02	Date
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COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	Title Text
AZED VITH B ND ND	S. ALE DED LED LED LED LED LED LED LED LED L	×
3063045	2981023	Application Number
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P7614CA00	P7565CA00	P7564CA00	P7562CA00	P7207CA00	P7163CA00	PCK Reference
CANADA	CANADA	CANADA	CANADA	CANADA	CANADA	Aquiery
2019-04-05	2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-08-24	Application Date
CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	Title Text
3039300	3037170	3037177	3037165	3018288	3015330	Application Number
						Registration Number
						Registration Date
PENDING	PENDING	PENDING	PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	Status

TRADEMARK REEL: 007551 FRAME: 0641

PATENTS - U.S.A.

Design

D1574US00	D1516US00	D1512US00	D1507US00	D1389US02	D1389US01	D1387US01	D1387US00	D1194US00	
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-01-10	2019-02-28	2019-02-13	2018-12-31	2019-05-23	2018-03-21	2018-09-21	2017-04-07	2013-10-22	Application Date
CONTACT SENSORS FOR DOORS AND WINDOWS	SWITCH WITH TRIM PLATE	CAMERA DEVICE AND STAND	REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	THERMOSTAT DEVICE	THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE	Title Text
29/720269	29/681876	29/680117	29/675346	29/692228	29/641301	29/664127	29/599864	29/470529	Application Number
							D833893	D734178	Registration Number
							2018-11-20	2015-07-14	Registration Date
CONVENTION DEADLINE	ISSUED	PENDING	DECS/ASSIGNME NTS TO BE FILED	RESPONSE TO OA	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007551 FRAME: 0642

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Patent

PCK Raference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date	Status
P3212US00	UNITED STATES	2011-07-11	HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL	13/179770	9696052	2017-07-04	ISSUED
P3213US00	UNITED STATES	2011-07-11	HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION	13/179912	9016593	2015-04-28	ISSUED
P3396US00	UNITED STATES	2012-01-10	HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM	13/347105	8965585	2015-02-24	ISSUED
P6163US00	UNITED STATES	2016-10-13	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	15/292648	10215432	2019-02-26	ISSUED
P6163US01	UNITED STATES	2018-01-24	CONTROL DEVICE WITH BULK HEATING COMPENSATION	15/878977			ISSUED
P6163US02	UNITED STATES	2019-07-22	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	16/518102			PENDING

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P75	P75	P75	P72	P72	P71	P69	P69	PA
P7565US01	P7564US01	P7562US01	P7207US01	P7207US01	P7163US01	P6912US01	P6912US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2019-03-19	2019-03-19	2019-03-19	2018-09-24	2018-09-24	2018-08-24	2019-04-23	2017-05-10	Application Date
SMART LIGHT SWITCH WITH VACATION MODE	SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING	SMART LIGHT SWITCH WITH TEMPERATURE SENSING	LEAK DETECTOR WITH SENSING CABLE	LEAK DETECTOR WITH SENSING CABLE	HVAC SIGNALING OVER A TWO- WIRE CONNECTION	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	Title Text
16/357989	16/357912	16/357762	16/139548	16/139548	16/111384	16/391406	15/591188	Application Number
							10311870	Registration Number
							2019-06-04	Registration Date
FINAL FEE	RESPONSE TO FINAL OA (2-MONTH DEADLINE)	PENDING	RESPONSE TO OA	DECS/TO BE FILED	RESPONSE TO OA	FINAL FEE DEADLINE	ISSUED	Status

Notice of Security Interest in Intellectual Property

P8344US02	P8344US01	P8344US00	P8343US00	P7614US01	P7565US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	е Совину
2016-08-10	2016-02-09	2015-11-23	2008-06-09	2019-04-05	2019-03-19	Application Date
DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS	CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	Title Text
15/233366	15/018943	14/948674	12/135239	16/376029	16/357989	Application Number
9909772	9473321	10250403	9008844			Registration Number
2018-03-06	2016-10-18	2019-04-02	2015-04-14			Registration Date
ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	DECS/ASSIGNME NTS TO BE FILED	DECLARATION/ ASSIGNMENT TO BE FILED	Status

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P8348US01	P8348US00	P8346US01	P8346US00	P8345US00	P8344US04	P8344US03	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2015-10-21	2013-01-30	2015-08-06	2012-07-02	2012-08-01	2019-02-28	2017-08-14	Application Date
ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	MULTI- DIMENSIONAL HEATING AND COOLING SYSTEM	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	Tile Text
14/918882	13/754824	14/819555	13/540012	13/564006	16/289051	15/675819	Application Number
9982472	9196103	9854645	9161419	9152154		10072866	Registration Number
2018-05-29	2015-11-24	2117-12-26	2015-10-13	2015-10-06		2018-09-11	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	RESPONSE TO OA	ISSUED	Status

Notice of Security Interest in Intellectual Property

TRADEMARK REEL: 007551 FRAME: 0647

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P8356US01	P8356US00	P8349US01	P8349US00	P8348US02	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-01-25	2012-11-13	2012-09-06	2012-04-13	2018-03-08	Application Date
AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	Title Text
13/675429	13/675429	13/604678	13/446172	15/915924	Application Number
9041812	9041812	8732270	8872638	10309145	Registration Number
2015-11-17	2015-05-26	2014-05-20	2014-10-28	2019-06-04	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK **REEL: 007551 FRAME: 0648**

Notice of Security Interest in Intellectual Property
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P8367US00	P8366US00	P8362US00	P8359US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2014-09-30	2009-05-27	2005-10-24	2009-11-20	Application Date
REMOTE OBJECT SENSING IN VIDEO	MONITORING PATTERNS OF MOTION	SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION	SYSTEM FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, METHOD FOR ASSISTING WITH EXECUTION OF ACTIONS IN RESPONSE TO DETECTED EVENTS, ASSISTING DEVICE, AND COMPUTTER PROGRAM	Title Text
14/502110	12/473181	11/257290	12/622455	Application Number
9270940	8081082	7308321	8516499	Registration Number
2016-02-23	2011-12-20	2007-12-11	2013-08-20	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

P8375US02	P8375US01	P8375US00	P8368US01	P8368US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2017-03-22	2013-01-25	2012-11-13	2008-06-04	2006-06-16	Application Date
DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	DISTRIBUTED CONTROL OF A HETEROGENEO US VIDEO SURVEILLANCE NETWORK	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	METHOD FOR SPATIO- TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS	Fille Text
15/465756	13/751013	13/675348	12/132890	11/455210	Application Number
	9681104	9681103	8134457	7468662	Registration Number
	2017-06-13	2017-06-13	2012-03-13	2008-12-23	Registration Date
PENDING	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

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TRADEMARK **REEL: 007551 FRAME: 0650**

PCK Reference	Country	Application Date	Title Text	Application Number	Registration Number	Registration Date
P8376US00	UNITED STATES	2009-04-08	GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE	12/420652	8164443	2012-04-24
P8377US00	UNITED STATES	2007-12-10	NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07
P8377US01	UNITED STATES	2008-07-24	NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT	12/179147	7791472	2010-09-07
P8378US00	UNITED STATES	2014-05-22	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	14/284581	9355547	2016-05-31
P8378US01	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146378	9978290	2018-05-22
P8378US02	UNITED STATES	2016-05-04	IDENTIFYING A CHANGE IN A HOME ENVIRONMENT	15/146330	9984590	2018-05-29

TRADEMARK REEL: 007551 FRAME: 0651

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P8408US00	P8407US00	P8405US01	P8405US00	P8404US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-11-14	2004-06-02	2016-05-12	2015-12-30	2012-10-08	Application Date
DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF PEOPLE	METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS OF SYSTEMS USING CONVERSATION AL OR AUDIO INTERFACE	PRO-ACTIVE BUILDING PROTECTION SYSTEM	PRO-ACTIVE BUILDING PROTECTION SYSTEM	MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A SPECIFIED STATE AT A USER PREMISES	Title Text
13/676545	10/858083	15/152606	14/985068	13/647234	Application Number
9465392	8224649	9483933	9382747	9377791	Registration Number
2016-10-11	2012-07-17	2016-11-01	2016-07-05	2016-06-28	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8412US00	P8411US01	P8411US00	P8410US00	P8409US01	P8409US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2013-03-14	2016-11-11	2016-03-14	2009-03-12	2012-09-14	2006-02-07	Application Date
INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	INTELLIGENT THERMOSTAT CONTROL SYSTEM	INTELLIGENT THERMOSTAT CONTROL SYSTEM	VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE INCIDENT AWARENESS AND RESPONSE	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY SYSTEM	Title Text
13/826419	15/349114	15/068921	12/402626	13/620042	11/348902	Application Number
9599973	9772115	9574786	8368754	8724811	8325923	Registration Number
2017-03-21	2017-09-26	2017-02-21	2013-02-05	2014-05-13	2012-12-04	Registration Date
ANNUITY DEADLINE	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	ISSUED	Status

P8417US00	P8416US00	P8414US01	P8413US00	P8412US01	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-10-26	2016-04-28	2005-07-28	2016-09-21	2013-08-20	Application Date
AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION	FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES	SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF THE PRESENCE OF A PERSON	SURVEILLANCE DETECTION BASED ON AN IDENTIFICATIO N OF A CARRIED MOBILE DEVICE	INTERACTIVE ENERGY DEVICE FOR ENVIRONMENT AL STEWARDSHIP	Title Text
15/334330	15/141606	11/495334	15/271362	13/971251	Application Number
9756607	9733996	7554444	9693181	9733630	Registration Number
2017-09-05	2017-08-15	2009-06-30	2017-06-27	2017-08-15	Registration Date
ISSUED	ISSUED	ANNUITY DEADLINE	ANNUITY DEADLINE	ISSUED	Status

P8421US01	P8421US00	P8419US01	P8419US00	P8418US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2012-08-16	2007-01-11	2017-10-03	2016-10-24	2011-02-28	Application Date
AMBIENT PRESENTATION OF SURVEILLANCE DATA	AMBIENT PRESENTATION OF SURVEILLANCE DATA	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	LOCATION SPECIFIC IMAGE BASED AUTHENTICATI ON	MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATI ON DEVICES	Title Text
13/587038	11/622132	15/723468	15/332501	13/036612	Application Number
8860812	8704893	10055569	9811653	8576066	Registration Number
2014-10-14	2014-04-22	2018-08-21	2017-11-07	2013-11-05	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	ISSUED	Status

P8425US00	P8424US00	P8423US00	P8422US00	PCK Reference
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2006-06-30	2012-01-11	2011-03-21	2012-07-31	Application Date
APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF MOVING OBJECTS IN AN INDOOR ENVIRONMENT	MANAGING ENVIRONMENT AL CONTROL SYSTEM EFFICIENCY	CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING ENVIRONMENT	METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM	Title Text
11/428019	13/348347	13/052754	13/562626	Application Number
7761233	9024765	8738943	8700932	Registration Number
2010-07-20	2015-05-05	2014-05-27	2014-04-14	Registration Date
ISSUED	ISSUED	ISSUED	ISSUED	Status

PUK Reference	Country	Application Date	Fille Text	Application Number	Registration Number	Registration Date	Status
P8429US00	UNITED STATES	2012-11-13	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	13/675391	8934754	2015-01-13	ISSUED
P8429US01	UNITED STATES	2013-01-25	PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO	13/751023	9071807	2015-06-30	ISSUED
P8430US00	UNITED STATES	2007-01-30	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENT AL SENSING	12/613758	8805613	2014-08-12	ISSUED
P8898US00	UNITED STATES	2019-09-09	LIGHT SWITCH SYSTEM	62/897466			CONVENTION DEADLINE
P9481US00	UNITED STATES	2020-03-26	THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION	62/994937			

TRADEMARK **REEL: 007551 FRAME: 0656**



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MAY 20, 2020

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TORYS LLP
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RECORDATION DATE: 05/19/2020 REEL/FRAME: 052704/0834

NUMBER OF PAGES: 24

BRIEF: SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 41252-0001

ASSIGNOR:

ECOBEE INC. DOC DATE: 05/05/2020

ASSIGNEE:

AST TRUST COMPANY (CANADA)

1 TORONTO STREET

SUITE 1200

TORONTO, CANADA M5C 2V6

APPLICATION NUMBER: 29470529 FILING DATE: 10/22/2013 PATENT NUMBER: D734178 ISSUE DATE: 07/14/2015

TITLE: THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE

APPLICATION NUMBER: 29599864 FILING DATE: 04/07/2017 PATENT NUMBER: D833893 FILING DATE: 11/20/2018

TITLE: THERMOSTAT DEVICE

APPLICATION NUMBER: 29641301 FILING DATE: 03/21/2018 PATENT NUMBER: D864127 FILING DATE: 10/22/2019

PATENT NUMBER: D864127 ISSUE DATE: 10/.
TITLE: SWITCH WITH TRIM PLATE

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WW TRADEMARK

REEL: 007551 FRAME: 0657

APPLICATION NUMBER: 29664127 FILING DATE: 09/21/2018 PATENT NUMBER: D867905 ISSUE DATE: 11/26/2019

TITLE: THERMOSTAT DEVICE WITH TRIM PLATE

APPLICATION NUMBER: 29675346 FILING DATE: 12/31/2018

PATENT NUMBER: ISSUE DATE:

TITLE: REMOTE SENSOR DEVICE

APPLICATION NUMBER: 29680117 FILING DATE: 02/13/2019

PATENT NUMBER: ISSUE DATE:

TITLE: CAMERA DEVICE AND STAND

APPLICATION NUMBER: 29681876 FILING DATE: 02/28/2019

PATENT NUMBER: D881826 ISSUE DATE: 04/21/2020

TITLE: SWITCH WITH TRIM PLATE

APPLICATION NUMBER: 29692228 FILING DATE: 05/23/2019

PATENT NUMBER: ISSUE DATE:

TITLE: SWITCH WITH TRIM PLATE

APPLICATION NUMBER: 29720269 FILING DATE: 01/10/2020

PATENT NUMBER: ISSUE DATE:

TITLE: CONTACT SENSORS FOR DOORS AND WINDOWS

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION



United States Patent And Trademark Office

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MAY 20, 2020

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RECORDATION DATE: 05/19/2020 REEL/FRAME: 052704/0656

NUMBER OF PAGES: 26

BRIEF: SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 41252-0001

ASSIGNOR:

ECOBEE INC. DOC DATE: 05/05/2020

ASSIGNEE:

AST TRUST COMPANY (CANADA)

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SUITE 1200

TORONTO, CANADA M5C 2V6

APPLICATION NUMBER: 10858083 FILING DATE: 06/02/2004 PATENT NUMBER: 8224649 ISSUE DATE: 07/17/2012

TITLE: METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS

OF SYSTEMS USING CONVERSATIONAL OR AUDIO INTERFACE

APPLICATION NUMBER: 11257290 FILING DATE: 10/24/2005 PATENT NUMBER: 7308321 ISSUE DATE: 12/11/2007 TITLE: SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WW TRADEMARK REEL: 007551 FRAME: 0659

APPLICATION NUMBER: 11348902 FILING DATE: 02/07/2006 PATENT NUMBER: 8325926 FILING DATE: 12/04/2012

TITLE: METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY

SYSTEM

APPLICATION NUMBER: 11428019 FILING DATE: 06/30/2006
PATENT NUMBER: 7761233 ISSUE DATE: 07/20/2010
TITLE: APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF MOVING OBJECTS IN AN INDOOR ENVIRONMENT

APPLICATION NUMBER: 11455210 FILING DATE: 06/16/2006
PATENT NUMBER: 7468662 ISSUE DATE: 12/23/2008
TITLE: METHOD FOR SPATIO-TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS

APPLICATION NUMBER: 11495334 FILING DATE: 07/28/2006 PATENT NUMBER: 7554444 ISSUE DATE: 06/30/2009

TITLE: SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF

THE PRESENCE OF A PERSON

APPLICATION NUMBER: 11622132 FILING DATE: 01/11/2007 PATENT NUMBER: 8704893 FILING DATE: 04/22/2014

TITLE: AMBIENT PRESENTATION OF SURVEILLANCE DATA

APPLICATION NUMBER: 11668604 FILING DATE: 01/30/2007 PATENT NUMBER: 8762060 FILING DATE: 06/24/2014

TITLE: PERVASIVE NETWORK FOR ENVIRONMENTAL SENSING

APPLICATION NUMBER: 11953554 FILING DATE: 12/10/2007 PATENT NUMBER: 7432805 ISSUE DATE: 10/07/2008 TITLE: NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT

APPLICATION NUMBER: 12132890 FILING DATE: 06/04/2008
PATENT NUMBER: 8134457 ISSUE DATE: 03/13/2012
TITLE: METHOD AND SYSTEM FOR SPATIO-TEMPORAL EVENT DETECTION USING

COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS

APPLICATION NUMBER: 12135239 FILING DATE: 06/09/2008 PATENT NUMBER: 9008844 ISSUE DATE: 04/14/2015

TITLE: SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING

DUCTS

APPLICATION NUMBER: 12179147 FILING DATE: 07/24/2008 PATENT NUMBER: 7791472 ISSUE DATE: 09/07/2010

TITLE: NOTIFYING USERS OF A DEVICE EVENTS IN A NETWORKED ENVIRONMENT

APPLICATION NUMBER: 12402626 FILING DATE: 03/12/2009
PATENT NUMBER: 8368754 ISSUE DATE: 02/05/2013

TITLE: VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE INCIDENT AWARENESS AND RESPONSE

APPLICATION NUMBER: 12420652 FILING DATE: 04/08/2009
PATENT NUMBER: 8164443 ISSUE DATE: 04/24/2012

TITLE: GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE

APPLICATION NUMBER: 12473181 FILING DATE: 05/27/2009 PATENT NUMBER: 8081082 FILING DATE: 12/20/2011

TITLE: MONITORING PATTERNS OF MOTION

APPLICATION NUMBER: 12613758 FILING DATE: 11/06/2009 PATENT NUMBER: 8805613 FILING DATE: 08/12/2014

TITLE: METHOD FOR ENVIRONMENTAL SENSING

APPLICATION NUMBER: 12622455 FILING DATE: 11/20/2009 PATENT NUMBER: 8516499 ISSUE DATE: 08/20/2013

TITLE: ASSISTANCE IN PERFORMING ACTION RESPONSIVE TO DETECTED EVENT

APPLICATION NUMBER: 13036612 FILING DATE: 02/28/2011 PATENT NUMBER: 8576066 FILING DATE: 11/05/2013

TITLE: MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATION

DEVICES

APPLICATION NUMBER: 13052754 FILING DATE: 03/21/2011 PATENT NUMBER: 8738943 ISSUE DATE: 05/27/2014 TITLE: CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY

ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING

ENVIRONMENT

APPLICATION NUMBER: 13179770 FILING DATE: 07/11/2011 PATENT NUMBER: 9696052 FILING DATE: 07/04/2017

TITLE: HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL

APPLICATION NUMBER: 13179912 FILING DATE: 07/11/2011 PATENT NUMBER: 9016593 ISSUE DATE: 04/28/2015 TITLE: HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION

APPLICATION NUMBER: 13347105 FILING DATE: 01/10/2012 PATENT NUMBER: 8965585 FILING DATE: 02/24/2015

TITLE: HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM

APPLICATION NUMBER: 13348347 FILING DATE: 01/11/2012 PATENT NUMBER: 9024765 ISSUE DATE: 05/05/2015

TITLE: MANAGING ENVIRONMENTAL CONTROL SYSTEM EFFICIENCY

APPLICATION NUMBER: 13446172 FILING DATE: 04/13/2012
PATENT NUMBER: 8872638 ISSUE DATE: 10/28/2014
TITLE: CONTROLLING COMMUNICATION AMONG MULTIPLE INDUSTRIAL CONTROL
SYSTEMS

APPLICATION NUMBER: 13540012 FILING DATE: 07/02/2012 PATENT NUMBER: 9161419 ISSUE DATE: 10/13/2015 TITLE: INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE

APPLICATION NUMBER: 13562626 FILING DATE: 07/31/2012 PATENT NUMBER: 8700932 ISSUE DATE: 04/15/2014

TITLE: METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM

APPLICATION NUMBER: 13564006 FILING DATE: 08/01/2012 PATENT NUMBER: 9152154 FILING DATE: 10/06/2015

TITLE: MULTI-DIMENSIONAL HEATING AND COOLING SYSTEM

APPLICATION NUMBER: 13587038 FILING DATE: 08/16/2012 PATENT NUMBER: 8860812 FILING DATE: 10/14/2014

TITLE: AMBIENT PRESENTATION OF SURVEILLANCE DATA

APPLICATION NUMBER: 13604678 FILING DATE: 09/06/2012 PATENT NUMBER: 8732270 FILING DATE: 05/20/2014

TITLE: CONTROLLING COMMUNICATION AMONG MULTIPLE INDUSTRIAL CONTROL

SYSTEMS

APPLICATION NUMBER: 13620042 FILING DATE: 09/14/2012 PATENT NUMBER: 8724811 FILING DATE: 05/13/2014

TITLE: BROADCAST ENCRYPTION BASED SECURITY SYSTEM

APPLICATION NUMBER: 13647234 FILING DATE: 10/08/2012 PATENT NUMBER: 9377791 ISSUE DATE: 06/28/2016

TITLE: MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A

SPECIFIED STATE AT A USER PREMISES

APPLICATION NUMBER: 13675349 FILING DATE: 11/13/2012
PATENT NUMBER: 9681103 ISSUE DATE: 06/13/2017
TITLE: DISTRIBUTED CONTROL OF A HETEROGENEOUS VIDEO SURVEILLANCE
NETWORK

APPLICATION NUMBER: 13675391 FILING DATE: 11/13/2012 PATENT NUMBER: 8934754 FILING DATE: 01/13/2015

TITLE: PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO

APPLICATION NUMBER: 13675429 FILING DATE: 11/13/2012 PATENT NUMBER: 9041812 FILING DATE: 05/26/2015

TITLE: AUTOMATED AUTHORIZATION TO ACCESS SURVEILLANCE VIDEO BASED ON

PRE-SPECIFIED EVENTS

APPLICATION NUMBER: 13676545 FILING DATE: 11/14/2012 PATENT NUMBER: 9465392 FILING DATE: 10/11/2016

TITLE: DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF

PEOPLE

APPLICATION NUMBER: 13751013 FILING DATE: 01/25/2013
PATENT NUMBER: 9681104 ISSUE DATE: 06/13/2017
TITLE: DISTRIBUTED CONTROL OF A HETEROGENEOUS VIDEO SURVEILLANCE
NETWORK

APPLICATION NUMBER: 13751023 FILING DATE: 01/25/2013 PATENT NUMBER: 9071807 ISSUE DATE: 06/30/2015

TITLE: PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO

APPLICATION NUMBER: 13754824 FILING DATE: 01/30/2013 PATENT NUMBER: 9196103 FILING DATE: 11/24/2015

TITLE: ENTRY TECHNOLOGY FOR BUILDING AUTOMATION

APPLICATION NUMBER: 13826419 FILING DATE: 03/14/2013 PATENT NUMBER: 9599973 ISSUE DATE: 03/21/2017 TITLE: INTERACTIVE ENERGY DEVICE FOR ENVIRONMENTAL STEWARDSHIP

APPLICATION NUMBER: 13971251 FILING DATE: 08/20/2013 PATENT NUMBER: 9733630 ISSUE DATE: 08/15/2017 TITLE: INTERACTIVE ENERGY DEVICE FOR ENVIRONMENTAL STEWARDSHIP

APPLICATION NUMBER: 14284581 FILING DATE: 05/22/2014 PATENT NUMBER: 9355547 FILING DATE: 05/31/2016

TITLE: IDENTIFYING A CHANGE IN A HOME ENVIRONMENT

APPLICATION NUMBER: 14502110 FILING DATE: 09/30/2014 PATENT NUMBER: 9270940 ISSUE DATE: 02/23/2016

TITLE: REMOTE OBJECT SENSING IN VIDEO

APPLICATION NUMBER: 14819555 FILING DATE: 08/06/2015 PATENT NUMBER: 9854645 ISSUE DATE: 12/26/2017 TITLE: INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE

APPLICATION NUMBER: 14918882 FILING DATE: 10/21/2015 PATENT NUMBER: 9982472 FILING DATE: 05/29/2018

TITLE: ENTRY TECHNOLOGY FOR BUILDING AUTOMATION

APPLICATION NUMBER: 14948674 FILING DATE: 11/23/2015 PATENT NUMBER: 10250403 ISSUE DATE: 04/02/2019 TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 14985068 FILING DATE: 12/30/2015 PATENT NUMBER: 9382747 FILING DATE: 07/05/2016

TITLE: PRO-ACTIVE BUILDING PROTECTION SYSTEM

APPLICATION NUMBER: 15018943 FILING DATE: 02/09/2016
PATENT NUMBER: 9473321 ISSUE DATE: 10/18/2016
TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 15068921 FILING DATE: 03/14/2016 PATENT NUMBER: 9574786 FILING DATE: 02/21/2017

TITLE: INTELLIGENT THERMOSTAT CONTROL SYSTEM

APPLICATION NUMBER: 15141606 FILING DATE: 04/28/2016 PATENT NUMBER: 9733996 ISSUE DATE: 08/15/2017 TITLE: FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES

APPLICATION NUMBER: 15146330 FILING DATE: 05/04/2016 PATENT NUMBER: 9984590 FILING DATE: 05/29/2018

TITLE: IDENTIFYING A CHANGE IN A HOME ENVIRONMENT

APPLICATION NUMBER: 15146378 FILING DATE: 05/04/2016 PATENT NUMBER: 9978290 ISSUE DATE: 05/22/2018

TITLE: IDENTIFYING A CHANGE IN A HOME ENVIRONMENT

APPLICATION NUMBER: 15152606 FILING DATE: 05/12/2016 PATENT NUMBER: 9483933 FILING DATE: 11/01/2016

TITLE: PRO-ACTIVE BUILDING PROTECTION SYSTEM

APPLICATION NUMBER: 15233366 FILING DATE: 08/10/2016 PATENT NUMBER: 9909772 ISSUE DATE: 03/06/2018 TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 15271362 FILING DATE: 09/21/2016 PATENT NUMBER: 9693181 FILING DATE: 06/27/2017

TITLE: SURVEILLANCE DETECTION BASED ON AN IDENTIFICATION OF A CARRIED

MOBILE DEVICE

APPLICATION NUMBER: 15292648 FILING DATE: 10/13/2016 PATENT NUMBER: 10215432 FILING DATE: 02/26/2019 TITLE: CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS

APPLICATION NUMBER: 15332501 FILING DATE: 10/24/2016 ISSUE DATE: 11/07/2017 PATENT NUMBER: 9811653

TITLE: LOCATION SPECIFIC IMAGE BASED AUTHENTICATION

APPLICATION NUMBER: 15334330 PATENT NUMBER: 9756607 FILING DATE: 10/26/2016 ISSUE DATE: 09/05/2017

TITLE: AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION

APPLICATION NUMBER: 15349114 FILING DATE: 11/11/2016 PATENT NUMBER: 9772115 FILING DATE: 09/26/2017

TITLE: INTELLIGENT THERMOSTAT CONTROL SYSTEM

APPLICATION NUMBER: 15465756 FILING DATE: 03/22/2017
PATENT NUMBER: ISSUE DATE:

ISSUE DATE: PATENT NUMBER:

TITLE: DISTRIBUTED CONTROL OF A HETEROGENEOUS VIDEO SURVEILLANCE

NETWORK

APPLICATION NUMBER: 15591188 FILING DATE: 05/10/2017 PATENT NUMBER: 10311870 FILING DATE: 06/04/2019 TITLE: COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY

APPLICATION NUMBER: 15675819 FILING DATE: 08/14/2017 PATENT NUMBER: 10072866 FILING DATE: 09/11/2018 TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 15723468 FILING DATE: 10/03/2017 PATENT NUMBER: 10055569 FILING DATE: 08/21/2018

TITLE: LOCATION SPECIFIC IMAGE BASED AUTHENTICATION

APPLICATION NUMBER: 15878977
PATENT NUMBER: 10488063 FILING DATE: 01/24/2018 ISSUE DATE: 11/26/2019

TITLE: CONTROL DEVICE WITH BULK HEATING COMPENSATION

APPLICATION NUMBER: 15915924
PATENT NUMBER: 10309145 FILING DATE: 03/08/2018 ISSUE DATE: 06/04/2019

TITLE: ENTRY TECHNOLOGY FOR BUILDING AUTOMATION

APPLICATION NUMBER: 16111384 FILING DATE: 08/24/2018
PATENT NUMBER: TSSUE DATE:

PATENT NUMBER: ISSUE DATE: TITLE: HVAC SIGNALING OVER A TWO-WIRE CONNECTION

APPLICATION NUMBER: 16139548 FILING DATE: 09/24/2018

PATENT NUMBER: ISSUE DATE:

TITLE: LEAK DETECTOR WITH SENSING CABLE

APPLICATION NUMBER: 16289051 FILING DATE: 02/28/2019

PATENT NUMBER: ISSUE DATE:

TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 16357762 FILING DATE: 03/19/2019

PATENT NUMBER: ISSUE DATE: TITLE: SMART LIGHT SWITCH WITH TEMPERATURE SENSING

APPLICATION NUMBER: 16357912 FILING DATE: 03/19/2019

PATENT NUMBER: ISSUE DATE: TITLE: SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING

APPLICATION NUMBER: 16357989 FILING DATE: 03/19/2019

PATENT NUMBER: ISSUE DATE:

TITLE: SMART LIGHT SWITCH WITH VACATION MODE

APPLICATION NUMBER: 16376029 FILING DATE: 04/05/2019

PATENT NUMBER: ISSUE DATE:

TITLE: CONTROL DEVICE FOR HVAC FAN COIL UNITS

APPLICATION NUMBER: 16391406 FILING DATE: 04/23/2019

PATENT NUMBER: ISSUE DATE: TITLE: DEVICE WITH VOICE COMMAND INPUT CAPABILITY

APPLICATION NUMBER: 16518102 FILING DATE: 07/22/2019

PATENT NUMBER: ISSUE DATE:

TITLE: CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS

APPLICATION NUMBER: 62897466 FILING DATE: 09/09/2019

PATENT NUMBER: ISSUE DATE:

TITLE: LIGHT SWITCH SYSTEM

APPLICATION NUMBER: 62994937 FILING DATE: 03/26/2020

PATENT NUMBER: ISSUE DATE:

TITLE: THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION



United States Patent And Trademark Office

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 21, 2020

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TORYS LLP 79 WELLINGTON STREET WEST 30TH FLOOR, PO BOX 270 TORONTO, M5K 1N2 CANADA

900549915

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RECORDATION DATE: 05/19/2020 REEL/FRAME: 6942/0280 NUMBER OF PAGES: 24

BRIEF: SECURITY INTEREST

ASSIGNOR:

ECOBEE INC. DOC DATE: 05/05/2020 CITIZENSHIP: CANADA ENTITY: CORPORATION

ASSIGNEE:

AST TRUST COMPANY (CANADA) CITIZENSHIP: CANADA ENTITY: CORPORATION

1 TORONTO STREET SUITE 1200

TORONTO, CANADA M5C 2V6

SERIAL NUMBER: 77390082 FILING DATE: 02/06/2008

REGISTRATION DATE: 11/17/2009 REGISTRATION NUMBER: 3710918

MARK: ECOBEE

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 77390141 FILING DATE: 02/06/2008

REGISTRATION NUMBER: 3795396 REGISTRATION DATE: 06/01/2010

MARK: ECOBEE

DRAWING TYPE: AN ILLUSTRATION DRAWING WHICH INCLUDES WORD(S) / LETTER(S)

/NUMBER(S)

TRADEMARK P.O. Box 1450, Alexandria, Virginia 22313-1450 - WW REEL: 007551 FRAME: 0666

SERIAL NUMBER: 85182334 FILING DATE: 11/22/2010 REGISTRATION NUMBER: 4159889 REGISTRATION DATE: 06/19/2012

MARK: GREEN MADE EASY

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85490252 REGISTRATION NUMBER: 4451834 FILING DATE: 12/08/2011

REGISTRATION DATE: 12/17/2013

MARK: ECOBEE SMART

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85490282 FILING DATE: 12/08/2011

REGISTRATION NUMBER: 4212997 REGISTRATION DATE: 09/25/2012

MARK: ECOBEE SMART THERMOSTAT

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85490325 FILING DATE: 12/08/2011

SERIAL NUMBER: 85490325 REGISTRATION NUMBER: 4201387 REGISTRATION DATE: 09/04/2012

MARK: ECOBEE EMS

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85715922 FILING DATE: 08/29/2012 REGISTRATION NUMBER: 4585057 REGISTRATION DATE: 08/12 REGISTRATION DATE: 08/12/2014

MARK: DATARHYTHM

DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 04/10/2014 SERIAL NUMBER: 86249171

REGISTRATION NUMBER: 4757295 REGISTRATION DATE: 06/16/2015

MARK: ECOBEE3

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 86249173 FILING DATE: 04/10/2014 REGISTRATION NUMBER: 4797795 REGISTRATION DATE: 08/25/2015

MARK: FOR HOMES WITH MORE THAN ONE ROOM DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87180894
REGISTRATION NUMBER: 5509131 FILING DATE: 09/23/2016

REGISTRATION DATE: 07/03/2018

MARK: DONATE YOUR DATA

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87359562 FILING DATE: 03/06/2017 REGISTRATION NUMBER: 5296228 REGISTRATION DATE: 09/26/2017

MARK:

DRAWING TYPE: AN ILLUSTRATION DRAWING WITHOUT ANY WORDS(S) / LETTER(S)

/NUMBER(S)

SERIAL NUMBER: 87359580 FILING DATE: 03/06/2017

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: ECOBEE4

DRAWING TYPE: STANDARD CHARACTER MARK

REGISTRATION NUMBER: 5778367 REGISTRATION DATE: 03/06/2017 REGISTRATION DATE: 06/19 REGISTRATION DATE: 06/18/2019

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87591544 FILING DATE: 08/31/2017

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: WHOLE HOME VOICE

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87790509 FILING DATE: 02/08/2018

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: ECOBEE SWITCH+

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87790524 FILING DATE: 02/08/2018

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: SWITCH+

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 88845798 FILING DATE: 03/24/2020

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: ECOBEE HAVEN

DRAWING TYPE: STANDARD CHARACTER MARK

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 18, 2020

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CLARK & ELBING LLP 101 FEDERAL STREET 15TH FLOOR BOSTON, MA 02110 506062835

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/15/2020 REEL/FRAME: 052678/0864

NUMBER OF PAGES: 26

BRIEF: SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 50783-023001

ASSIGNOR:

INC., ECOBEE DOC DATE: 05/04/2020

ASSIGNEE:

STRUCTURED ALPHA LP

65 QUEEN STREET WEST, SUITE 2400

TORONTO, CANADA M5H 2M8

APPLICATION NUMBER: 10858083 FILING DATE: 06/02/2004 PATENT NUMBER: 8224649 ISSUE DATE: 07/17/2012

TITLE: METHOD AND APPARATUS FOR REMOTE COMMAND, CONTROL AND DIAGNOSTICS

OF SYSTEMS USING CONVERSATIONAL OR AUDIO INTERFACE

APPLICATION NUMBER: 11257290 FILING DATE: 10/24/2005 PATENT NUMBER: 7308321 ISSUE DATE: 12/11/2007 TITLE: SYSTEM, METHOD AND PROGRAM PRODUCT FOR HOUSE AUTOMATION

APPLICATION NUMBER: 11348902 FILING DATE: 02/07/2006 PATENT NUMBER: 8325926 FILING DATE: 12/04/2012

TITLE: METHOD FOR PROVIDING A BROADCAST ENCRYPTION BASED HOME SECURITY

SYSTEM

APPLICATION NUMBER: 11428019 FILING DATE: 06/30/2006 PATENT NUMBER: 7761233 FILING DATE: 07/20/2010

TITLE: APPARATUS AND METHOD FOR MEASURING THE ACCURATE POSITION OF

MOVING OBJECTS IN AN INDOOR ENVIRONMENT

APPLICATION NUMBER: 11455210 FILING DATE: 06/16/2006
PATENT NUMBER: 7468662 ISSUE DATE: 12/23/2008
TITLE: METHOD FOR SPATIO-TEMPORAL EVENT DETECTION USING COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS

APPLICATION NUMBER: 11495334 FILING DATE: 07/28/2006 PATENT NUMBER: 7554444 ISSUE DATE: 06/30/2009

TITLE: SYSTEM AND METHOD FOR ALARM GENERATION BASED ON THE DETECTION OF THE PRESENCE OF A PERSON

APPLICATION NUMBER: 11622132 FILING DATE: 01/11/2007 PATENT NUMBER: 8704893 FILING DATE: 04/22/2014

TITLE: AMBIENT PRESENTATION OF SURVEILLANCE DATA

APPLICATION NUMBER: 11668604 FILING DATE: 01/30/2007 PATENT NUMBER: 8762060 FILING DATE: 06/24/2014

TITLE: PERVASIVE NETWORK FOR ENVIRONMENTAL SENSING

APPLICATION NUMBER: 11953554 FILING DATE: 12/10/2007 PATENT NUMBER: 7432805 ISSUE DATE: 10/07/2008 TITLE: NOTIFYING USERS OF DEVICE EVENTS IN A NETWORKED ENVIRONMENT

APPLICATION NUMBER: 12132890 FILING DATE: 06/04/2008 PATENT NUMBER: 8134457 ISSUE DATE: 03/13/2012 TITLE: METHOD AND SYSTEM FOR SPATIO-TEMPORAL EVENT DETECTION USING

COMPOSITE DEFINITIONS FOR CAMERA SYSTEMS

APPLICATION NUMBER: 12135239 FILING DATE: 06/09/2008 PATENT NUMBER: 9008844 ISSUE DATE: 04/14/2015

TITLE: SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS

APPLICATION NUMBER: 12179147 FILING DATE: 07/24/2008 PATENT NUMBER: 7791472 ISSUE DATE: 09/07/2010

TITLE: NOTIFYING USERS OF A DEVICE EVENTS IN A NETWORKED ENVIRONMENT

APPLICATION NUMBER: 12402626 FILING DATE: 03/12/2009
PATENT NUMBER: 8368754 ISSUE DATE: 02/05/2013
TITLE: VIDEO PATTERN RECOGNITION FOR AUTOMATING EMERGENCY SERVICE
INCIDENT AWARENESS AND RESPONSE

APPLICATION NUMBER: 12420652 FILING DATE: 04/08/2009 PATENT NUMBER: 8164443 ISSUE DATE: 04/24/2012

TITLE: GROUP AWARE TRACKING OF PERSONAL PROPERTY WITHIN A BOUNDED ZONE

APPLICATION NUMBER: 12473181 FILING DATE: 05/27/2009 PATENT NUMBER: 8081082 FILING DATE: 12/20/2011

TITLE: MONITORING PATTERNS OF MOTION

APPLICATION NUMBER: 12613758 FILING DATE: 11/06/2009 PATENT NUMBER: 8805613 FILING DATE: 08/12/2014

TITLE: METHOD FOR ENVIRONMENTAL SENSING

APPLICATION NUMBER: 12622455 FILING DATE: 11/20/2009 PATENT NUMBER: 8516499 ISSUE DATE: 08/20/2013

TITLE: ASSISTANCE IN PERFORMING ACTION RESPONSIVE TO DETECTED EVENT

APPLICATION NUMBER: 13036612 PATENT NUMBER: 8576066 FILING DATE: 02/28/2011 ISSUE DATE: 11/05/2013

TITLE: MANAGING EMERGENCY RESPONSE SERVICES USING MOBILE COMMUNICATION

DEVICES

APPLICATION NUMBER: 13052754 FILING DATE: 03/21/2011 PATENT NUMBER: 8738943 ISSUE DATE: 05/27/2014 TITLE: CONTROLLING AND MINIMIZING ELECTRICAL POWER CONSUMED BY ELECTRICAL COMPONENTS CONNECTED TO A NETWORKED COMPUTING

ENVIRONMENT

APPLICATION NUMBER: 13179770 FILING DATE: 07/11/2011 PATENT NUMBER: 9696052 FILING DATE: 07/04/2017

TITLE: HVAC CONTROLLER WITH PREDICTIVE SET-POINT CONTROL

APPLICATION NUMBER: 13179912 FILING DATE: 07/11/2011 PATENT NUMBER: 9016593 FILING DATE: 04/28/2015 TITLE: HVAC CONTROLLER WITH DYNAMIC TEMPERATURE COMPENSATION

APPLICATION NUMBER: 13347105 FILING DATE: 01/10/2012 PATENT NUMBER: 8965585 FILING DATE: 02/24/2015

TITLE: HVAC CONTROLLER WITH DEVICE SCHEDULING PROGRAM

APPLICATION NUMBER: 13348347 FILING DATE: 01/11/2012 PATENT NUMBER: 9024765 FILING DATE: 05/05/2015

TITLE: MANAGING ENVIRONMENTAL CONTROL SYSTEM EFFICIENCY

APPLICATION NUMBER: 13446172 FILING DATE: 04/13/2012 PATENT NUMBER: 8872638 ISSUE DATE: 10/28/2014 TITLE: CONTROLLING COMMUNICATION AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS

APPLICATION NUMBER: 13540012 FILING DATE: 07/02/2012 PATENT NUMBER: 9161419 FILING DATE: 10/13/2015 TITLE: INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE

APPLICATION NUMBER: 13562626 FILING DATE: 07/31/2012 PATENT NUMBER: 8700932 ISSUE DATE: 04/15/2014

TITLE: METHOD FOR ON-DEMAND ENERGY SAVINGS BY LOWERING POWER USAGE OF AT LEAST ONE STORAGE DEVICE IN A MULTI-TIERED STORAGE SYSTEM

APPLICATION NUMBER: 13564006 FILING DATE: 08/01/2012 PATENT NUMBER: 9152154 FILING DATE: 10/06/2015

TITLE: MULTI-DIMENSIONAL HEATING AND COOLING SYSTEM

APPLICATION NUMBER: 13587038 FILING DATE: 08/16/2012 PATENT NUMBER: 8860812 ISSUE DATE: 10/14/2014

TITLE: AMBIENT PRESENTATION OF SURVEILLANCE DATA

APPLICATION NUMBER: 13604678
PATENT NUMBER: 8732270 FILING DATE: 09/06/2012 ISSUE DATE: 05/20/2014 TITLE: CONTROLLING COMMUNICATION AMONG MULTIPLE INDUSTRIAL CONTROL

SYSTEMS

APPLICATION NUMBER: 13620042 FILING DATE: 09/14/2012 PATENT NUMBER: 8724811 FILING DATE: 05/13/2014

TITLE: BROADCAST ENCRYPTION BASED SECURITY SYSTEM

APPLICATION NUMBER: 13647234 FILING DATE: 10/08/2012 PATENT NUMBER: 9377791 ISSUE DATE: 06/28/2016 TITLE: MONITORING USER POSITION TO DETERMINE A TIME FOR PROVIDING A SPECIFIED STATE AT A USER PREMISES

APPLICATION NUMBER: 13675349 FILING DATE: 11/13/2012 PATENT NUMBER: 9681103 FILING DATE: 06/13/2017 TITLE: DISTRIBUTED CONTROL OF A HETEROGENEOUS VIDEO SURVEILLANCE NETWORK

APPLICATION NUMBER: 13675391 FILING DATE: 11/13/2012 PATENT NUMBER: 8934754 FILING DATE: 01/13/2015

TITLE: PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO

APPLICATION NUMBER: 13675429 FILING DATE: 11/13/2012 PATENT NUMBER: 9041812 FILING DATE: 05/26/2015

TITLE: AUTOMATED AUTHORIZATION TO ACCESS SURVEILLANCE VIDEO BASED ON PRE-SPECIFIED EVENTS

APPLICATION NUMBER: 13676545 FILING DATE: 11/14/2012 PATENT NUMBER: 9465392 FILING DATE: 10/11/2016 TITLE: DYNAMIC TEMPERATURE CONTROL FOR A ROOM CONTAINING A GROUP OF PEOPLE

APPLICATION NUMBER: 13751013 FILING DATE: 01/25/2013 PATENT NUMBER: 9681104 FILING DATE: 06/13/2017 TITLE: DISTRIBUTED CONTROL OF A HETEROGENEOUS VIDEO SURVEILLANCE NETWORK

APPLICATION NUMBER: 13751023 FILING DATE: 01/25/2013 PATENT NUMBER: 9071807 FILING DATE: 06/30/2015 TITLE: PROVIDING EMERGENCY ACCESS TO SURVEILLANCE VIDEO

APPLICATION NUMBER: 13751029 FILING DATE: 01/25/2013 PATENT NUMBER: 9191632 FILING DATE: 11/17/2015

TITLE: AUTOMATED AUTHORIZATION TO ACCESS SURVEILLANCE VIDEO BASED ON PRE-SPECIFIED EVENTS

APPLICATION NUMBER: 13754824 FILING DATE: 01/30/2013 PATENT NUMBER: 9196103 ISSUE DATE: 11/24/2015 TITLE: ENTRY TECHNOLOGY FOR BUILDING AUTOMATION

APPLICATION NUMBER: 13826419 FILING DATE: 03/14/2013 PATENT NUMBER: 9599973 ISSUE DATE: 03/21/2017 FILING DATE: 03/14/2013 TITLE: INTERACTIVE ENERGY DEVICE FOR ENVIRONMENTAL STEWARDSHIP

APPLICATION NUMBER: 13971251 FILING DATE: 08/20/2013 PATENT NUMBER: 9733630 FILING DATE: 08/15/2017 TITLE: INTERACTIVE ENERGY DEVICE FOR ENVIRONMENTAL STEWARDSHIP

APPLICATION NUMBER: 14284581 FILING DATE: 05/22/2014 PATENT NUMBER: 9355547 FILING DATE: 05/31/2016 TITLE: IDENTIFYING A CHANGE IN A HOME ENVIRONMENT

APPLICATION NUMBER: 14502110 FILING DATE: 09/30/2014 PATENT NUMBER: 9270940 ISSUE DATE: 02/23/2016

TITLE: REMOTE OBJECT SENSING IN VIDEO

APPLICATION NUMBER: 14819555 FILING DATE: 08/06/2015 PATENT NUMBER: 9854645 ISSUE DATE: 12/26/2017 TITLE: INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE

APPLICATION NUMBER: 14918882 FILING DATE: 10/21/2015 PATENT NUMBER: 9982472 FILING DATE: 05/29/2018

TITLE: ENTRY TECHNOLOGY FOR BUILDING AUTOMATION

APPLICATION NUMBER: 14948674 FILING DATE: 11/23/2015 PATENT NUMBER: 10250403 ISSUE DATE: 04/02/2019 TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 14985068 FILING DATE: 12/30/2015 PATENT NUMBER: 9382747 FILING DATE: 07/05/2016

TITLE: PRO-ACTIVE BUILDING PROTECTION SYSTEM

APPLICATION NUMBER: 15018943 FILING DATE: 02/09/2016
PATENT NUMBER: 9473321 ISSUE DATE: 10/18/2016
TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 15068921 FILING DATE: 03/14/2016 PATENT NUMBER: 9574786 FILING DATE: 02/21/2017

TITLE: INTELLIGENT THERMOSTAT CONTROL SYSTEM

APPLICATION NUMBER: 15141606 FILING DATE: 04/28/2016 PATENT NUMBER: 9733996 ISSUE DATE: 08/15/2017 TITLE: FINE TUNING APPLICATION BEHAVIOR USING APPLICATION ZONES

APPLICATION NUMBER: 15146330 FILING DATE: 05/04/2016 PATENT NUMBER: 9984590 FILING DATE: 05/29/2018

TITLE: IDENTIFYING A CHANGE IN A HOME ENVIRONMENT

APPLICATION NUMBER: 15146378 FILING DATE: 05/04/2016 PATENT NUMBER: 9978290 ISSUE DATE: 05/22/2018

TITLE: IDENTIFYING A CHANGE IN A HOME ENVIRONMENT

APPLICATION NUMBER: 15152606 FILING DATE: 05/12/2016 PATENT NUMBER: 9483933 FILING DATE: 11/01/2016

TITLE: PRO-ACTIVE BUILDING PROTECTION SYSTEM

APPLICATION NUMBER: 15233366 FILING DATE: 08/10/2016 PATENT NUMBER: 9909772 ISSUE DATE: 03/06/2018 TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 15271362 FILING DATE: 09/21/2016 PATENT NUMBER: 9693181 FILING DATE: 06/27/2017

TITLE: SURVEILLANCE DETECTION BASED ON AN IDENTIFICATION OF A CARRIED

MOBILE DEVICE

APPLICATION NUMBER: 15292648 FILING DATE: 10/13/2016 PATENT NUMBER: 10215432 FILING DATE: 02/26/2019 TITLE: CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS

APPLICATION NUMBER: 15332501 FILING DATE: 10/24/2016 ISSUE DATE: 11/07/2017 PATENT NUMBER: 9811653

TITLE: LOCATION SPECIFIC IMAGE BASED AUTHENTICATION

APPLICATION NUMBER: 15334330 PATENT NUMBER: 9756607 FILING DATE: 10/26/2016 ISSUE DATE: 09/05/2017

TITLE: AUTOMATED NOTIFICATION MUTING RESPONSIVE TO PREDICTED LOCATION

APPLICATION NUMBER: 15349114 FILING DATE: 11/11/2016 PATENT NUMBER: 9772115 FILING DATE: 09/26/2017

TITLE: INTELLIGENT THERMOSTAT CONTROL SYSTEM

APPLICATION NUMBER: 15465756 FILING DATE: 03/22/2017
PATENT NUMBER: ISSUE DATE:

ISSUE DATE: PATENT NUMBER:

TITLE: DISTRIBUTED CONTROL OF A HETEROGENEOUS VIDEO SURVEILLANCE

NETWORK

APPLICATION NUMBER: 15591188 FILING DATE: 05/10/2017 PATENT NUMBER: 10311870 FILING DATE: 06/04/2019 TITLE: COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY

APPLICATION NUMBER: 15675819 FILING DATE: 08/14/2017 PATENT NUMBER: 10072866 FILING DATE: 09/11/2018 TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 15723468 FILING DATE: 10/03/2017 PATENT NUMBER: 10055569 FILING DATE: 08/21/2018

TITLE: LOCATION SPECIFIC IMAGE BASED AUTHENTICATION

APPLICATION NUMBER: 15878977
PATENT NUMBER: 10488063 FILING DATE: 01/24/2018 ISSUE DATE: 11/26/2019

TITLE: CONTROL DEVICE WITH BULK HEATING COMPENSATION

APPLICATION NUMBER: 15915924
PATENT NUMBER: 10309145 FILING DATE: 03/08/2018 ISSUE DATE: 06/04/2019

TITLE: ENTRY TECHNOLOGY FOR BUILDING AUTOMATION

APPLICATION NUMBER: 16111384 FILING DATE: 08/24/2018
PATENT NUMBER: TSSUE DATE:

PATENT NUMBER: ISSUE DATE: TITLE: HVAC SIGNALING OVER A TWO-WIRE CONNECTION

APPLICATION NUMBER: 16139548 FILING DATE: 09/24/2018

PATENT NUMBER: ISSUE DATE:

TITLE: LEAK DETECTOR WITH SENSING CABLE

APPLICATION NUMBER: 16289051 FILING DATE: 02/28/2019

PATENT NUMBER: ISSUE DATE:

TITLE: DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE

APPLICATION NUMBER: 16357762 FILING DATE: 03/19/2019

ISSUE DATE: PATENT NUMBER: TITLE: SMART LIGHT SWITCH WITH TEMPERATURE SENSING

APPLICATION NUMBER: 16357912 FILING DATE: 03/19/2019

PATENT NUMBER: ISSUE DATE: TITLE: SMART LIGHT SWITCH WITH INTEGRATED SCHEDULING

APPLICATION NUMBER: 16357989 FILING DATE: 03/19/2019

PATENT NUMBER: ISSUE DATE:

TITLE: SMART LIGHT SWITCH WITH VACATION MODE

APPLICATION NUMBER: 16376029 FILING DATE: 04/05/2019

PATENT NUMBER: ISSUE DATE:

TITLE: CONTROL DEVICE FOR HVAC FAN COIL UNITS

APPLICATION NUMBER: 16391406 FILING DATE: 04/23/2019

PATENT NUMBER: ISSUE DATE: TITLE: DEVICE WITH VOICE COMMAND INPUT CAPABILITY

APPLICATION NUMBER: 16518102 FILING DATE: 07/22/2019
PATENT NUMBER: 15518102 FILING DATE: 07/22/2019

PATENT NUMBER: ISSUE DATE:

TITLE: CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS

APPLICATION NUMBER: 29470529 FILING DATE: 10/22/2013 ISSUE DATE: 07/14/2015 PATENT NUMBER: D734178

TITLE: THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE

APPLICATION NUMBER: 29599864 FILING DATE: 04/07/2017

PATENT NUMBER: D833893 ISSUE DATE: 11/20/2018

TITLE: THERMOSTAT DEVICE

APPLICATION NUMBER: 29641301 PATENT NUMBER: D864127 FILING DATE: 03/21/2018

ISSUE DATE: 10/22/2019

TITLE: SWITCH WITH TRIM PLATE

APPLICATION NUMBER: 29664127 FILING DATE: 09/21/2018 PATENT NUMBER: D867905 ISSUE DATE: 11/26/2019

TITLE: THERMOSTAT DEVICE WITH TRIM PLATE

APPLICATION NUMBER: 29675346 FILING DATE: 12/31/2018

PATENT NUMBER: ISSUE DATE:

TITLE: REMOTE SENSOR DEVICE

APPLICATION NUMBER: 29680117 FILING DATE: 02/13/2019

PATENT NUMBER: ISSUE DATE:

TITLE: CAMERA DEVICE AND STAND

APPLICATION NUMBER: 29681876 FILING DATE: 02/28/2019

PATENT NUMBER: D881826 ISSUE DATE: 04/21/2020

TITLE: SWITCH WITH TRIM PLATE

APPLICATION NUMBER: 29692228 FILING DATE: 05/23/2019

PATENT NUMBER: ISSUE DATE:

TITLE: SWITCH WITH TRIM PLATE

APPLICATION NUMBER: 29720269 FILING DATE: 01/10/2020

PATENT NUMBER: ISSUE DATE:

TITLE: CONTACT SENSORS FOR DOORS AND WINDOWS

APPLICATION NUMBER: 62897466 FILING DATE: 09/09/2019

PATENT NUMBER: ISSUE DATE:

TITLE: LIGHT SWITCH SYSTEM

FILING DATE: 03/26/2020 APPLICATION NUMBER: 62994937

PATENT NUMBER: ISSUE DATE:

TITLE: THERMOSTAT DEVICE WITH IMPROVED ENERGY OPTIMIZATION

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 18, 2020

PTAS

CLARK & ELBING LLP 101 FEDERAL STREET 15TH FLOOR BOSTON, MA 02110 900549522

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RECORDATION DATE: 05/15/2020 REEL/FRAME: 6940/0262 NUMBER OF PAGES: 24

BRIEF: SECURITY INTEREST

ASSIGNOR:

ECOBEE INC.

DOC DATE: 05/04/2020
CITIZENSHIP: CANADA
ENTITY: CORPORATION

ASSIGNEE:

STRUCTURED ALPHA LP CITIZENSHIP: CANADA ENTITY: CORPORATION

65 QUEEN STREET WEST SUITE 2400 TORONTO, CANADA M5H 2M8

SERIAL NUMBER: 85490252 FILING DATE: 12/08/2011

REGISTRATION NUMBER: 4451834 REGISTRATION DATE: 12/17/2013

MARK: ECOBEE SMART

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85490282 FILING DATE: 12/08/2011

REGISTRATION NUMBER: 4212997 REGISTRATION DATE: 09/25/2012

MARK: ECOBEE SMART THERMOSTAT

DRAWING TYPE: STANDARD CHARACTER MARK

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WW **TRADEMARK REEL: 007551 FRAME: 0677**

SERIAL NUMBER: 85490325 FILING DATE: 12/08/2011 REGISTRATION NUMBER: 4201387 REGISTRATION DATE: 09/04/2012

MARK: ECOBEE EMS

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85715922 FILING DATE: 08/29/2012 REGISTRATION NUMBER: 4585057 REGISTRATION DATE: 08/12/2014

MARK: DATARHYTHM

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 86249171 FILING DATE: 04/10/2014

REGISTRATION NUMBER: 4757295 REGISTRATION DATE: 06/16/2015

MARK: ECOBEE3

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 86249173 FILING DATE: 04/10/2014

REGISTRATION NUMBER: 4797795 REGISTRATION DATE: 08/25/2015

MARK: FOR HOMES WITH MORE THAN ONE ROOM DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87180894 FILING DATE: 09/23/2016 REGISTRATION NUMBER: 5509131 REGISTRATION DATE: 07/03/2018

MARK: DONATE YOUR DATA

DRAWING TYPE: STANDARD CHARACTER MARK

REGISTRATION NUMBER: 5296228 FILING DATE: 03/06/2017 REGISTRATION DATE: 00/06/2017 REGISTRATION DATE: 09/26/2017

DRAWING TYPE: AN ILLUSTRATION DRAWING WITHOUT ANY WORDS(S) / LETTER(S)

/NUMBER(S)

SERIAL NUMBER: 87359580 FILING DATE: 03/06/2017

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: ECOBEE4

DRAWING TYPE: STANDARD CHARACTER MARK

REGISTRATION NUMBER: 5778367
MARK: ECOREF 3 TITE REGISTRATION DATE: 06/18/2019

MARK: ECOBEE3 LITE

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87591544 FILING DATE: 08/31/2017

REGISTRATION DATE: REGISTRATION NUMBER:

MARK: WHOLE HOME VOICE

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87790509 FILING DATE: 02/08/2018

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: ECOBEE SWITCH+

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 87790524 FILING DATE: 02/08/2018

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: SWITCH+

DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 88845798 FILING DATE: 03/24/2020

REGISTRATION NUMBER: REGISTRATION DATE:

MARK: ECOBEE HAVEN

DRAWING TYPE: STANDARD CHARACTER MARK

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

an a	Name	Execution Date
	ECOBEE INC.	03/11/2014

RECEIVING PARTY DATA

Name:	THOMVEST SEED CAPITAL INC.
Street Address:	65 QUEEN STREET WEST
Internal Address:	SUITE 2400
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5H 2M5

PROPERTY NUMBERS Total: 6

Property Type	Number	
Application Number:	13020133	
Application Number:	13231721	
Application Number:	13176031	
Application Number:	13179770	
Application Number:	13179912	
Application Number:	61551120	

CORRESPONDENCE DATA

Fax Number:

(416)216-3930

Phone:

416-216-1906

Email:

chris.hunter@nortonrosefulbright.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name:

CHRISTOPHER N. HUNTER

Address Line 1:

NORTON ROSE FULBRIGHT LLP

Address Line 2:

200 BAY STREET, SUITE 3800, SOUTH TOWER

Address Line 4;

TORONTO, CANADA M5E JE7

ATTORNEY DOCKET NUMBER:

01019363-0011

NAME OF SUBMITTER	CHRISTOPHER N. HUNTER
Signature:	/christopher n. hunter/
Date:	05/21/2014
Total Attachments: 23 source=GSA#page1.tif source=GSA#page3.tif source=GSA#page3.tif source=GSA#page3.tif source=GSA#page5.tif source=GSA#page6.tif source=GSA#page7.tif source=GSA#page9.tif source=GSA#page9.tif source=GSA#page10.tif source=GSA#page11.tif source=GSA#page12.tif source=GSA#page13.tif source=GSA#page15.tif source=GSA#page21.tif source=GSA#page21.tif source=GSA#page21.tif source=GSA#page23.tif	
RECEIPT INFORMATION	
EPAS ID: Receipt Date:	PAT2864475 05/21/2014

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Ecobee Inc.		03/11/2014	CORPORATION: CANADA

RECEIVING PARTY DATA

Name:	Thomvest Seed Capital Inc.
Street Address:	65 Queen Street West
City:	Toronto
State/Country:	CANADA
Postal Code:	M5H 2M5
Entity Type:	CORPORATION: CANADA

PROPERTY NUMBERS Total: 3

Property Type	Number	Word Mark
Serial Number:	85182334	GREEN MADE EASY
Serial Number:	77390082	ECOBEE
Serial Number:	77390141	ECOBEE

CORRESPONDENCE DATA

Fax Number:

4162163930

Phone:

416-216-1906

Email:

chris hunter@nortonrosefulbright.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mull.

Correspondent Name:

Christopher n. hunter

Address Line 1:

Norton Rose Fulbright LLP

Address Line 2: Address Line 4:

200 bay street, suite 3800, south tower toronto, CANADA M5E 3E7

ATTORNEY DOCKET NUMBER:

01019363-0011

DOMESTIC REPRESENTATIVE

Name: Address Line 1: Address Line 2: Address Line 3: Address Line 4:	ddress Line 1: ddress Line 2: ddress Line 3:	
NAME OF SUBMITTER:	Christopher N. Hunter	
Signature:	/christopher n. hunter/	
Date:	05/21/2014	
source=GSA#page1.tif source=GSA#page2.tif source=GSA#page3.tif source=GSA#page4.tif source=GSA#page5.tif source=GSA#page6.tif source=GSA#page7.tif source=GSA#page8.tif source=GSA#page9.tif source=GSA#page10.tif source=GSA#page12.tif source=GSA#page12.tif source=GSA#page13.tif source=GSA#page14.tif source=GSA#page15.tif source=GSA#page15.tif source=GSA#page15.tif source=GSA#page15.tif source=GSA#page10.tif source=GSA#page10.tif source=GSA#page11.tif source=GSA#page13.tif		
ETAS ID: Receipt Date: Fee Amount:	TM305187 05/21/2014 \$90	