

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM695278

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
AMERICAN STOCK TRANSFER & TRUST COMPANY, LLC d/b/a AST Trust Company (Canada)		12/01/2021	Limited Liability Company: 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		
CORRESPONDENCE DATA			

OP \$390.00 3710918

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. Theroux/

DATE SIGNED: 12/16/2021

Total Attachments: 152

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**RELEASE OF LIEN
(USPTO)**

WHEREAS, pursuant to a Note Purchase Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "**NPA**"), ecobee Inc., a Canadian corporation, (the "**Debtor**") issued secured convertible promissory notes (the "**Notes**") to certain lenders (the "**Lenders**").

AND WHEREAS pursuant to the NPA, ecobee Ltd., a Nevada corporation (the "**Guarantor**") entered into a Security Agreement dated as of May 5, 2020 (as amended, supplemented, restated or otherwise modified from time to time, the "**Security Agreement**", and together with the NPA and the Notes, the "**Loan Documents**") in favour of AMERICAN STOCK TRANSFER & TRUST COMPANY, LLC, as collateral agent (the "**Collateral Agent**") for and on behalf of the Lenders (referred to therein as the 'Investors') and granted a security interest in favour of the Collateral Agent for the benefit of the Lenders with respect to the Guarantor's interests in certain Collateral, including the Intellectual Property listed in Exhibit A attached hereto (the "**Intellectual Property Collateral**"), as security for its obligations to the Lenders under the NPA and the Notes.

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

AND WHEREAS, the Loan Documents were recorded in the U.S. Patent and Trademark Office on May 19, 2020, at Reel 6942 Frame 0280;

AND WHEREAS the Lenders and the Collateral Agent wish to release all of their interest in and to the Intellectual Property Collateral;

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

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 the Loan Documents are hereby terminated and rendered null, void and without any further force or effect, provided that the indemnification provisions set forth in any Financing Documents will, subject to the terms thereof, continue to apply and be enforceable by the Collateral Agent in respect of its execution and delivery of this Release and Discharge of Security Interest and the other instruments and agreements provided for herein, and all actions or claims based upon any of the foregoing, and the Collateral Agent reserves the right to enforce, in respect of such execution, delivery, actions or claims, each and all of the indemnities enforceable by it under the applicable Financing Documents; 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 U.S. Patent and Trademark Office.

[signature page follows]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release of Lien to be duly executed by an authorized officer as of this 1st day of December, 2021.

AMERICAN STOCK TRANSFER &
TRUST COMPANY, LLC, as Collateral

Agent

By: DocuSigned by:
Paul Kim

Name: Paul Kim

Title: Assistant General Counsel

Exhibit "A"

Patents and Trademarks

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 0C9

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

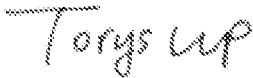
Please charge the registration fee of **\$400.00** to undersigned agent's authorized credit card. In the event of an underpayment or a problem with the credit card, we authorize the Commissioner to charge our deposit account no. 600000901.

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,

Handwritten signature of Edward Fan in cursive script.

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]

DATED: May 5, 2020

ECOBEE INC.

By:

DocuSigned by:

Stuart Lombard

Name: Stuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

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	85/715,922	4,585,057	12-Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490,282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490,252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490,325	4,201,387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249,171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249,173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/1,808,94	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87,360,243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359,580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790,524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591,544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790,509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845,798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359,562	5,296,228	26-Sep-17	ECOBEE INC.

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None.

PATENTS

PATENTS – CANADA

Design

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

Patent

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

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

PATENTS – U.S.A.

Design

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

Patent

Patent 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

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

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

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

PCK Reference	Country	Application Date	Title Text	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 COMMUNICATION AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/446172	8872638	2014-10-28	ISSUED
P8349US01	UNITED STATES	2012-09-06	CONTROLLING COMMUNICATION AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/604678	8732270	2014-05-20	ISSUED
P8356US00	UNITED STATES	2012-11-13	AUTOMATED AUTHORIZATION TO ACCESS SURVEILLANCE VIDEO BASED ON PRE-SPECIFIED EVENTS	13/675429	9041812	2015-05-26	ISSUED
P8356US01	UNITED STATES	2013-01-25	AUTOMATED AUTHORIZATION TO ACCESS SURVEILLANCE VIDEO BASED ON PRE-SPECIFIED EVENTS	13/675429	9041812	2015-11-17	ISSUED

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

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

PCK 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 DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING 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

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

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

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

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

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

PCK Reference	Country	Application Date	Title 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 ENVIRONMENTAL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENTAL 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			

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 0C9

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

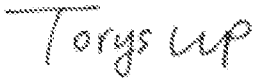
Please charge the registration fee of **\$800.00** to undersigned agent's authorized credit card. In the event of an underpayment or a problem with the credit card, we authorize the Commissioner to charge our deposit account no. 600000901.

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

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

EF/JK
Encl.

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 0C9

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
ECOBEE ₃ 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)

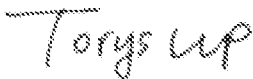
1 Toronto Street, Suite 1200
Toronto, Ontario
M5C 2V6 Canada

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]

DATED: May 5, 2020

ECOBEE INC.

By:

DocuSigned by:

Stuart Lombard

Name: Stuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

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	85/715,922	4,585,057	12-Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490,282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490,252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490,325	4,201,387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249,171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249,173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/1,808,94	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87,360,243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359,580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790,524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591,544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790,509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845,798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359,562	5,296,228	26-Sep-17	ECOBEE INC.

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None.

PATENTS

PATENTS – CANADA

Design

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

Patent

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

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

PATENTS – U.S.A.

WSLEGAL\078736\00010\24634672.v2

Notice of Security Interest in Intellectual Property

Design

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

Patent

Patent 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

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

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

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

PCK Reference	Country	Application Date	Title Text	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

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

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

PCK 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 DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING 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

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

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

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

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

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

PCK Reference	Country	Application Date	Title 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 ENVIRONMENTAL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENTAL 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			



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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

TRADEMARK

Application Number:	29692228
Application Number:	29675346
Application Number:	29680117
Application Number:	29681876
Application Number:	29720269

CORRESPONDENCE DATA

Fax Number: (416)865-7380

Phone: 416-865-7697

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

Address Line 1: 79 WELLINGTON STREET WEST

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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TRADEMARK

RECEIPT INFORMATION

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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]

DATED: May 5, 2020

ECOBEE INC.

By:

DocuSigned by:

Stuart Lombard

Name: Stuart Lombard

Title: Chief Executive Officer

I have the authority to bind the
company.

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	85/715,922	4,585,057	12-Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490,282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490,252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490,325	4,201,387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249,171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249,173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/1,808,94	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	87/359,580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790,524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591,544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790,509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845,798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359,562	5,296,228	26-Sep-17	ECOBEE INC.

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None.

PATENTS

PATENTS – CANADA

Design

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

Patent

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

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

PATENTS – U.S.A.

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Design

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

Patent

PKR 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

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

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

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

PCK Reference	Country	Application Date	Title Text	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

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

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

PCK 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 DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING 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

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

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

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

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

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

PCK Reference	Country	Application Date	Title 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 ENVIRONMENTAL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENTAL 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			



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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

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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
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Patent Number:	7791472
Patent Number:	9355547
Patent Number:	9978290
Patent Number:	9984590
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Patent Number:	9382747
Patent Number:	9483933
Patent Number:	8224649
Patent Number:	9465392
Patent Number:	8724811
Patent Number:	8368754
Patent Number:	9574786

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Patent Number:	9772115
Patent Number:	9599973
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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

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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 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]

DATED: May 5, 2020

ECOBEE INC.

By:

DocuSigned by:

Stuart Lombard

Name: Stuart Lombard

Title: Chief Executive Officer

I have the authority to bind the
company.

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	85/715,922	4,585,057	12-Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490,282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490,252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490,325	4,201,387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249,171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249,173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/1,808,94	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87,360,243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359,580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790,524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591,544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790,509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845,798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359,562	5,296,228	26-Sep-17	ECOBEE INC.

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None.

PATENTS

PATENTS – CANADA

Design

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

Patent

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

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

PATENTS – U.S.A.

Design

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

Patent

Patent 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

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

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

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

PCK Reference	Country	Application Date	Title Text	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

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

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

PCK 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 DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING 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

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

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

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

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

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

PK Reference	Country	Application Date	Title 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 ENVIRONMENTAL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENTAL 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			



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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE 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:	Suite 1200
City:	Toronto
State/Country:	CANADA
Postal Code:	M5C 2V6
Entity Type:	Corporation: CANADA

PROPERTY NUMBERS Total: 17

Property Type	Number	Word Mark
Registration Number:	4150869	GREEN MADE EASY
Registration Number:	3710918	ECOBEE
Registration Number:	3795396	ECOBEE
Registration Number:	4585057	DATARHYTHM
Registration Number:	4212997	ECOBEE SMART THERMOSTAT
Registration Number:	4451834	ECOBEE SMART
Registration Number:	4201367	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:	5296226	
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	
Fax Number:	4168657380
Phone:	416-865-7637
Email:	jkim@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
Address Line 1:	79 Wellington Street West
Address Line 2:	36th Floor, PO Box 270
Address Line 4:	Toronto, CANADA M5K 1N2

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DOMESTIC REPRESENTATIVE	
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
<p>Total Attachments: 22</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page1.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page2.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page3.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page4.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page5.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page6.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page7.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page8.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page9.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page10.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page11.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page12.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page13.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page14.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page15.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page16.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page17.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page18.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page19.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page20.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page21.tif</p> <p>source=ecobee - Notice of Security Interest in IP (005) #page22.tif</p>	
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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]

DATED: May 5, 2020

ECOBEE INC.

By:

DocuSigned by:

Stuart Lombard

Name: Stuart Lombard

Title: Chief Executive Officer

I have the authority to bind the
company.

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	85/715,922	4,585,057	12-Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490,282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490,252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490,325	4,201,387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249,171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249,173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/1,808,94	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	87/359,580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790,524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591,544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790,509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845,798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359,562	5,296,228	26-Sep-17	ECOBEE INC.

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None.

PATENTS

PATENTS – CANADA

Design

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

Patent

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

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

PATENTS – U.S.A.

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Notice of Security Interest in Intellectual Property

Design

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

Patent

PKR 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

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

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

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

PCK Reference	Country	Application Date	Title Text	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

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

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

PCK 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 DEVICE EVENTS IN A NETWORKED ENVIRONMENT	11/953554	7432805	2008-10-07	ISSUED
P8377US01	UNITED STATES	2008-07-24	NOTIFYING 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

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

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

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

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

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

PCK Reference	Country	Application Date	Title 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 ENVIRONMENTAL SENSING	11/668604	8762060	2014-06-24	ISSUED
P8430US01	UNITED STATES	2009-11-06	PERVASIVE NETWORK FOR ENVIRONMENTAL 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			

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