### TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM706981

NATURE OF CONVEYANCE:  Corrective Assignment to correct the Receiving Party from ECOBEE, INC. to ECOBEE INC. previously recorded on Reel 007532 Frame 0309.  Assignor(s) hereby confirms the Release of Lien from AMERICAN STOCK TRANSFER & TRUST COMPANY, LLC D/B/A AST TRUST COMPANY (CANADA) to ECOBEE INC.	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	NATURE OF CONVEYANCE:	to ECOBEE INC. previously recorded on Reel 007532 Frame 0309. Assignor(s) hereby confirms the Release of Lien from AMERICAN STOCK TRANSFER & TRUST COMPANY, LLC D/B/A AST TRUST COMPANY

### **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** 

900674382

Property Type	Number	Word Mark
Registration Number:	3710918	ECOBEE
Registration Number:	4159889	GREEN MADE EASY
Registration Number:	4451834	ECOBEE SMART
Registration Number:	4212997	ECOBEE SMART THERMOSTAT
Registration Number:	4201387	ECOBEE EMS
Registration Number:	4757295	ECOBEE3
Registration Number:	4797795	FOR HOMES WITH MORE THAN ONE ROOM
Registration Number:	5509131	DONATE YOUR DATA
Registration Number:	5296228	
Registration Number:	6337508	ECOBEE4
Registration Number:	5778367	ECOBEE3 LITE
Registration Number:	6187512	WHOLE HOME VOICE
Registration Number:	6064701	ECOBEE SWITCH+
Registration Number:	6278298	SWITCH+

**TRADEMARK** 

REEL: 007652 FRAME: 0744

Property Type	Number	Word Mark
Serial Number:	88845798	ECOBEE HAVEN

#### CORRESPONDENCE DATA

#### Fax Number:

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.

Email: IPDOCKET@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:	02/08/2022

#### **Total Attachments: 153**

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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]

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#### NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

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

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

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

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

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

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

[Signature Page Follows]

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

00878-2002 17652891.2

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**DATED**: May 5, 2020

ECOBEE INC.

By:

Stuart Lombard

Name: 55th art Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

**REEL: 007652 FRAME: 0756** 

## SCHEDULE A

# INTELLECTUAL PROPERTY

## TRADEMARKS - Canada

TRADEMARK **REEL: 007652 FRAME: 0757** 

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

## TRADEMARKS – U.S.A.

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

TRADEMARK REEL: 007652 FRAME: 0758

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None.

### **PATENTS**

## PATENTS - CANADA

TRADEMARK **REEL: 007652 FRAME: 0760** 

### Design

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

### **Patent**

P6912CA00	P6163CA00	PCK Reference
90	90	ence
CAN	CAN	(m
CANADA	CANADA	Country
2019-11-08	2017-10-02	Application Date
COMPUTERIZED DEVICE WITH VOICE COMMAND INPUT CAPABILITY	CONTROL DEVICE WITH CURRENT PROTECTED SOLID STATE RELAYS	Title Text
3063045	2981023	Application Number
		Registration Number
		Registration Date
PENDING	ANNUITY DEADLINE	Status

### PCK Reference P7614CA00 P7565CA00 P7207CA00 P7163CA00 P7564CA00 P7562CA00 CANADA CANADA CANADA CANADA CANADA CANADA Country Application Date 2019-04-05 2019-03-19 2019-03-19 2019-03-19 2018-09-24 2018-08-24

TEMPERATURE SENSING

SWITCH WITH

3037165

SMART LIGHT

SMART LIGHT

SWITCH WITH

3037177

**SCHEDULING** INTEGRATED

SWITCH WITH SMART LIGHT

VACATION

3037170

MODE

WITH SENSING

CABLE

DETECTOR

3018288

ANNUITY DEADLINE

DEADLINE ANNUITY

**TRADEMARK REEL: 007652 FRAME: 0761** 

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PATENTS - U.S.A.

HVAC FAN COIL

UNITS

DEVICE FOR

3039300

PENDING

PENDING

PENDING

PENDING

CONTROL

WSLEGAL\078736\00010\24634672v2

HVAC SIGNALING OVER A TWO-

Title Text

Application Number

Registration Number

Registration Date

Status

CONNECTION

WIRE

3015330

### Design

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

TRADEMARK REEL: 007652 FRAME: 0762

### Patent

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

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

Notice of Security Interest in Intellectual Property

WSLEGAL\078736\00010\24634672v2

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

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

Notice of Security Interest in Intellectual Property

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PCK Reference P8348US02	Country UNITED STATES	Application Date	ENTRY TECHNOLOGY	Application Number 15/915924	Registration Number	145	Registration Date 145 2019-06-04
P8348US02	UNITED STATES	2018-03-08	TECHNOLOGY FOR BUILDING AUTOMATION	15/9159	24	24 10309145	10309145
P8349US00	UNITED STATES	2012-04-13	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/446172	172	172 8872638	
P8349US01	UNITED STATES	2012-09-06	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/604678	678	678 8732270	
P8356US00	UNITED STATES	2012-11-13	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	13/675429	429	9041812	
P8356US01	UNITED STATES	2013-01-25	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	13/67	13/675429	75429 9041812	

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/ Interest in Intell
Intellectual
l Property

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

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

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

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

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

TRADEMARK REEL: 007652 FRAME: 0772

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

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

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

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

#### NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

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

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

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

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

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

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

[Signature Page Follows]

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

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**DATED**: May 5, 2020

ECOBEE INC.

By:

Stuart Lombard

Name: 55tuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

**REEL: 007652 FRAME: 0778** 

## SCHEDULE A

# INTELLECTUAL PROPERTY

## TRADEMARKS - Canada

TRADEMARK REEL: 007652 FRAME: 0779

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

### TRADEMARKS – U.S.A.

Mark	Filing Date	App. No.	Reg. No.	Reg. Date	Owner
GREEN MADE EASY	22-Nov-10	85/182,334	4,159,889	19-Jun-12	ECOBEE INC.
ECOBEE	6-Feb-08	77/390,082	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	85/715922	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	282064/58	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	85/490252	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

Notice of Security Interest in Intellectual Property

TRADEMARK REEL: 007652 FRAME: 0780

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None.

TRADEMARK REEL: 007652 FRAME: 0781

### **PATENTS**

### PATENTS - CANADA

### Design

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

#### **Patent**

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

Notice of Security Interest in Intellectual Property

### PATENTS - U.S.A.

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

TRADEMARK **REEL: 007652 FRAME: 0783** 

#### Design

	Country	Application Date	Title Fevi	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/ASSIGNME NTS 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

TRADEMARK REEL: 007652 FRAME: 0784

#### Patent

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

TRADEMARK REEL: 007652 FRAME: 0785

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

TRADEMARK REEL: 007652 FRAME: 0786

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

PCK Reference	Country	Application Page	Fifte Feet DYNAMIC	Application Number	Registration Number	Registration Date	ion Date
P8344US03	UNITED STATES	2017-08-14	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	15/675819	10072866	86	56 2018-09-11
P8344US04	UNITED STATES	2019-02-28	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	16/289051			
P8345US00	UNITED STATES	2012-08-01	MULTI- DIMENSIONAL HEATING AND COOLING	13/564006	9152154	2154	2015-10-06
P8346US00	UNITED STATES	2012-07-02	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	13/540012	91	9161419	61419 2015-10-13
P8346US01	UNITED STATES	2015-08-06	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	14/819555	98	9854645	54645 2117-12-26
P8348US00	UNITED STATES	2013-01-30	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	13/754824	16	9196103	196103 2015-11-24
P8348US01	UNITED STATES	2015-10-21	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	14/918882	9	9982472	982472 2018-05-29

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PCK Reference P8348US02	Country UNITED STATES	Application Date	ENTRY TECHNOLOGY	Application Number 15/915924	Registration Number	145	Registration Date 145 2019-06-04
P8348US02	UNITED STATES	2018-03-08	TECHNOLOGY FOR BUILDING AUTOMATION	15/9159	24	24 10309145	10309145
P8349US00	UNITED STATES	2012-04-13	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/446172	172	172 8872638	
P8349US01	UNITED STATES	2012-09-06	CONTROLLING COMMUNICATI ON AMONG MULTIPLE INDUSTRIAL CONTROL SYSTEMS	13/604678	678	678 8732270	
P8356US00	UNITED STATES	2012-11-13	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	13/675429	429	9041812	
P8356US01	UNITED STATES	2013-01-25	AUTOMATED AUTHORIZATIO N TO ACCESS SURVEILLANCE VIDEO BASED ON PRE- SPECIFIED EVENTS	13/67	13/675429	75429 9041812	

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

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PCK Reference	Country	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

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

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

TRADEMARK REEL: 007652 FRAME: 0794

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

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

Notice of Security Interest in Intellectual Property

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

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

TRADEMARK **REEL: 007652 FRAME: 0798** 

#### NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

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

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

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

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

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

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

[Signature Page Follows]

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

TRADEMARK REEL: 007652 FRAME: 0799 2

**DATED**: May 5, 2020

ECOBEE INC.

By:

Stuart Lombard

Name: 55th art Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

**REEL: 007652 FRAME: 0800** 

### SCHEDULE A

# INTELLECTUAL PROPERTY

## TRADEMARKS - Canada

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

### TRADEMARKS – U.S.A.

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

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None.

TRADEMARK REEL: 007652 FRAME: 0803

### **PATENTS**

### PATENTS - CANADA

### Design

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

#### **Patent**

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

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

**TRADEMARK REEL: 007652 FRAME: 0805** 

PATENTS - U.S.A.

### Design

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

TRADEMARK REEL: 007652 FRAME: 0806

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#### Patent

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

TRADEMARK REEL: 007652 FRAME: 0807

# Notice of Security Interest in Intellectual Property

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

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

PCK Reference	Country	Application Page	Fifte Feet DYNAMIC	Application Number	Registration Number	Registration Date	ion Date
P8344US03	UNITED STATES	2017-08-14	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	15/675819	10072866	86	56 2018-09-11
P8344US04	UNITED STATES	2019-02-28	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	16/289051			
P8345US00	UNITED STATES	2012-08-01	MULTI- DIMENSIONAL HEATING AND COOLING	13/564006	9152154	2154	2015-10-06
P8346US00	UNITED STATES	2012-07-02	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	13/540012	91	9161419	61419 2015-10-13
P8346US01	UNITED STATES	2015-08-06	INTELLIGENT AND COORDINATED LIGHTING OF A LIGHTING DEVICE	14/819555	98	9854645	54645 2117-12-26
P8348US00	UNITED STATES	2013-01-30	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	13/754824	16	9196103	196103 2015-11-24
P8348US01	UNITED STATES	2015-10-21	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	14/918882	9	9982472	982472 2018-05-29

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

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

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

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TRADEMARK REEL: 007652 FRAME: 0814

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

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

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

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

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

Notice of Security Interest in Intellectual Property

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

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

### NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

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

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

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

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

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

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

[Signature Page Follows]

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

TRADEMARK REEL: 007652 FRAME: 0821 2

**DATED**: May 5, 2020

ECOBEE INC.

By:

----- Docusigned by: Stuart Lombard

Name: 55tuart Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

**REEL: 007652 FRAME: 0822** 

## 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	280,065/77	3,710,918	17-Nov-09	ECOBEE INC.
ECOBEE (and Design)	6-Feb-08	77/390,141	3,795,396	1-Jun-10	ECOBEE INC.
DATARHYTHM	29-Aug-12	226512/58	4,585,057	12 Aug-15	ECOBEE INC.
ECOBEE SMART THERMOSTAT	8-Dec-11	85/490282	4,212,997	25-Sept-12	ECOBEE INC.
ECOBEE SMART	8-Dec-11	252064/58	4,451,834	17-Dec-13	ECOBEE INC.
ECOBEE EMS	8-Apr-11	85/490325	4201387	4-Sept-12	ECOBEE INC.
ECOBEE3	10-Apr-14	86/249171	4,757,295	16-Jun-15	ECOBEE INC.
FOR HOMES WITH MORE THAN ONE ROOM	9-Jul-15	86/249173	4,797,795	25-Aug-15	ECOBEE INC.
DONATE YOUR DATA	3-Jul-16	87/180894	5,509,131	3-Jul-18	ECOBEE INC.
ECOBEE3 LITE	6-Mar-17	87360243	5,778,367	18-Jun-19	ECOBEE INC.
ECOBEE4	6-Mar-17	87/359580	N/A	N/A	ECOBEE INC.
SWITCH+	8-Feb-18	87/790524	N/A	N/A	ECOBEE INC.
WHOLE HOME VOICE	31-Aug-17	87/591544	N/A	N/A	ECOBEE INC.
ECOBEE SWITCH+	8-FEB-18	87/790509	N/A	N/A	ECOBEE INC.
ECOBEE HAVEN	24-MAR-20	88/845798	N/A	N/A	ECOBEE INC.
Bee logo (Design)	6-Mar-17	87/359562	5,296,228	26-Sep-17	ECOBEE INC.

Notice of Security Interest in Intellectual Property

TRADEMARK REEL: 007652 FRAME: 0824

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None.

TRADEMARK REEL: 007652 FRAME: 0825

## **PATENTS**

## PATENTS – CANADA

### Design

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

### **Patent**

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

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

**TRADEMARK REEL: 007652 FRAME: 0827** 

PATENTS - U.S.A.

### Design

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

TRADEMARK REEL: 007652 FRAME: 0828

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

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

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P8344US02	P8344US01	P8344US00	P8343US00	P7614US01	P7565US01	PCK Reference
]S02	JS01	JS00	JS00	3 <b>S01</b>	5 <b>S01</b>	сгенсе
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2016-08-10	2016-02-09	2015-11-23	2008-06-09	2019-04-05	2019-03-19	Application Date
DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	DYNAMIC CONTROL OF SMART HOME USING WEARABLE DEVICE	SYSTEM AND METHOD TO ROUTE AIRFLOW USING DYNAMICALLY CHANGING DUCTS	CONTROL DEVICE FOR HVAC FAN COIL UNITS	SMART LIGHT SWITCH WITH VACATION MODE	Title Text
15/233366	15/018943	14/948674	12/135239	16/376029	16/357989	Application Number
9909772	9473321	10250403	9008844			Registration Number
2018-03-06	2016-10-18	2019-04-02	2015-04-14			Registration Date
ISSUED	ANNUITY DEADLINE	ISSUED	ISSUED	DECS/ASSIGNME NTS TO BE FILED	DECLARATION/ ASSIGNMENT TO BE FILED	Status

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

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

	REMOTE OBJECT SENSING IN VIDEO	MONITORING PATTERNS OF MOTION
	14/502110	12/473181
NI A	9270940	8081082
Notice of Counity Interest in Intellectual Deposits	2016-02-23	2011-12-20
Intellectual December.	ISSUED	ISSUED

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

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

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

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

TRADEMARK REEL: 007652 FRAME: 0837

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

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

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

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

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

### NOTICE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

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

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

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

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

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

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

[Signature Page Follows]

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

TRADEMARK REEL: 007652 FRAME: 0843 2

**DATED**: May 5, 2020

ECOBEE INC.

By:

Docusigned by:
Stuart Lombard

Name: 55th art Lombard

Title: Chief Executive Officer

I have the authority to bind the company.

**REEL: 007652 FRAME: 0844** 

## SCHEDULE A

# INTELLECTUAL PROPERTY

# TRADEMARKS - Canada

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

## TRADEMARKS – U.S.A.

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

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None.

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TRADEMARK REEL: 007652 FRAME: 0847

### **PATENTS**

## PATENTS - CANADA

### Design

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

### **Patent**

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

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

**TRADEMARK REEL: 007652 FRAME: 0849** 

PATENTS - U.S.A.

### Design

D157.	D1510	D1512	D150	D1389	D1389	D1383	D1387	D119.	
D1574US00	D1516US00	D1512US00	D1507US00	D1389US02	D1389US01	D1387US01	D1387US00	D1194US00	
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	Country
2020-01-10	2019-02-28	2019-02-13	2018-12-31	2019-05-23	2018-03-21	2018-09-21	2017-04-07	2013-10-22	Application Date
CONTACT SENSORS FOR DOORS AND WINDOWS	SWITCH WITH TRIM PLATE	CAMERA DEVICE AND STAND	REMOTE SENSOR DEVICE	SWITCH WITH TRIM PLATE	SWITCH WITH TRIM PLATE	THERMOSTAT DEVICE WITH TRIM PLATE	THERMOSTAT DEVICE	THERMOSTAT DEVICE WITH LOW PROFILE TRIM PLATE	Title Fext
29/720269	29/681876	29/680117	29/675346	29/692228	29/641301	29/664127	29/599864	29/470529	Application Number
							D833893	D734178	Registration Number
							2018-11-20	2015-07-14	Registration Date
CONVENTION DEADLINE	ISSUED	PENDING	DECS/ASSIGNME NTS TO BE FILED	RESPONSE TO OA	ISSUED	ISSUED	ISSUED	ISSUED	Status

TRADEMARK REEL: 007652 FRAME: 0850

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

TRADEMARK

REEL: 007652 FRAME: 0851

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

Notice of Security Interest in Intellectual Property

TRADEMARK REEL: 007652 FRAME: 0852

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

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	
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	
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	Danssi
P8348US01	UNITED STATES	2015-10-21	ENTRY TECHNOLOGY FOR BUILDING AUTOMATION	14/918882	9982472	2018-05-29	ISSUED

TRADEMARK REEL: 007652 FRAME: 0855

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

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

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

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

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

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

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

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

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

Notice of Security Interest in Intellectual Property

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TRADEMARK REEL: 007652 FRAME: 0863

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

TRADEMARK REEL: 007652 FRAME: 0864