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| TRADEMARK ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

ETAS ID: TM533436

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|------------------------------------|----------------------|-----------------------|---------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| DIRTT Environmental Solutions Ltd. | | 07/19/2019 | Corporation: CANADA |
| RECEIVING PARTY DATA | | | |
| Name: | Royal Bank of Canada | | |
| Street Address: | 335 - 8th Avenue SW | | |
| City: | Calgary | | |
| State/Country: | CANADA | | |
| Postal Code: | T2P 1C9 | | |
| Entity Type: | Corporation: CANADA | | |
| PROPERTY NUMBERS Total: 33 | | | |
| Property Type | Number | Word Mark | |
| Serial Number: | 88442150 | GLC | |
| Serial Number: | 88442068 | GREEN LEARNING CENTER | |
| Serial Number: | 87667058 | LEAF WALL | |
| Serial Number: | 87667056 | LEAF FOLDING WALL | |
| Serial Number: | 87428795 | REVIEW BOARD | |
| Registration Number: | 5538193 | ICESHEET | |
| Registration Number: | 5499136 | ICEREALITY | |
| Serial Number: | 87328863 | LEAF | |
| Registration Number: | 5209945 | ICESCAPES | |
| Registration Number: | 5365393 | ICEVR | |
| Registration Number: | 5464819 | I-HEDRON | |
| Registration Number: | 5519847 | DIRTT BUILD BETTER | |
| Registration Number: | 5454099 | DIRTT BUILD BETTER | |
| Registration Number: | 5423626 | ENZO | |
| Registration Number: | 5252041 | DIRTT FOR LIFE | |
| Registration Number: | 5233144 | CONNEXT | |
| Registration Number: | 4561218 | I-CUBE | |
| Registration Number: | 4191817 | ICECYCLE | |
| Registration Number: | 4192040 | BREATHE | |
| TRADEMARK | | | |

CH \$840.00 88442150

| Property Type | Number | Word Mark |
|----------------------|----------|--------------------------|
| Registration Number: | 4440313 | DOING IT RIGHT THIS TIME |
| Registration Number: | 4444421 | DIRTT |
| Registration Number: | 3131038 | ICECAD |
| Registration Number: | 3410386 | ICEBERG |
| Registration Number: | 3176427 | DIRTT |
| Registration Number: | 3088598 | ICE |
| Registration Number: | 3717608 | ICERENDER |
| Registration Number: | 3650151 | ICEVISION |
| Registration Number: | 3425921 | ICE EDGE |
| Serial Number: | 88460357 | DIRTT REFLECT |
| Serial Number: | 88460345 | REFLECT |
| Serial Number: | 88458706 | DIRTT INSPIRE |
| Serial Number: | 88458699 | INSPIRE |
| Registration Number: | 4752377 | I-LINE |

CORRESPONDENCE DATA

Fax Number: 3038931379

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

Phone: 3038927353

Email: pantea.garroussi@dgslaw.com

Correspondent Name: Pantea Garroussi

Address Line 1: 1550 17th Street, Suite 500

Address Line 4: Denver, COLORADO 80202

NAME OF SUBMITTER: Pantea Garroussi

SIGNATURE: /pantea garroussi/

DATE SIGNED: 07/24/2019

Total Attachments: 60

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as may be amended, amended and restated, supplemented or otherwise modified from time to time, the **IP Security Agreement**) dated July 19, 2019 is made by DIRTT Environmental Solutions Ltd., a company formed under the laws of the Province of Alberta (together with its successors and assigns, the "**Grantor**") in favour of Royal Bank of Canada, as lender (together with its successors and assigns, the "**Lender**")

WHEREAS, the Grantor, inter alios, and the Lender have entered into that certain credit agreement dated as of the date hereof (as may be amended, supplemented and otherwise modified from time to time, the "**Credit Agreement**"); terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement;

WHEREAS, as a condition to the Lender making loans to the Grantor pursuant to the Credit Agreement, the Grantor has executed and delivered that certain Debenture in favour of the Lender dated on or about the date hereof (as may be amended, amended and restated, supplemented or otherwise modified from time to time, the "**Debenture**");

WHEREAS, under the terms of the Debenture, the Grantor has granted to the Lender, a security interest in, among other property, certain intellectual property of the Grantor, and has agreed to execute this IP Security Agreement for recording with the Canadian Intellectual Property Office and such other governmental authorities in Canada and the United States;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees as follows:

SECTION 1. Grant of Security. The Grantor hereby grants to the Lender a security interest in all of the Grantor's right, title and interest in and to the following (collectively, the "**Collateral**");

(A) all patents and patent applications currently owned or acquired in the future, including the patents and patent applications set forth in Schedule A hereto (the "**Patents**");

(B) all common law and registered trademarks, and service marks currently owned or acquired in the future, including the trademark and service mark registrations and applications set forth in Schedule B hereto, together with the goodwill symbolized thereby (collectively, the "**Trademarks**");

(C) all copyrights, whether registered or unregistered, now owned or hereafter acquired by the Grantor, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto (collectively, the "**Copyrights**");

(D) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of the Grantor accruing thereunder or pertaining thereto;

(E) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(F) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

Despite any other provision of this IP Security Agreement, the security interest granted hereunder with respect to Trademarks constitutes a security interest in, and charge, hypothecation and pledge of such Collateral but does not constitute an assignment of such Collateral to the Lender and, notwithstanding the generality of the foregoing, the Collateral shall not include any intent-to-use trademark application prior to the filing of a "Statement of Use" or "Amendment to Allege Use" with respect thereto, to the extent, if any, that, and solely during the period, if any, in which the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark application under Applicable Law.f

SECTION 2. Security for Obligations. The grant of a security interest in the Collateral by the Grantor under this IP Security Agreement secures the payment of all Obligations of the Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.

SECTION 3. Recordation. The Grantor requests that the Canadian Intellectual Property Office, the United States Patent and Trademark Office, and any other applicable government office in Canada or the United States record this IP Security Agreement. The Grantor authorizes the Lender to unilaterally update Schedules A, B, and/or C, as applicable, if the Lender becomes aware of additions to the Collateral identified in such Schedules. The Grantor further authorizes the Lender to record this IP Security Agreement against all Collateral, including those identified in future updates to the Schedules, in Canada and the United States.

SECTION 4. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Debenture. The Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Lender with respect to the Collateral are more fully set forth in the Debenture, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

SECTION 5. Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the Province of Alberta and the federal laws of Canada applicable therein.

IN WITNESS WHEREOF, the Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

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GRANTOR:

DIRTT ENVIRONMENTAL SOLUTIONS LTD.

Per: _____

Name: *Geoff Krause*

Title: *Chief Financial Officer*

SCHEDULE A

PATENTS

The following patents are owned by DIRTT ENVIRONMENTAL SOLUTIONS LTD. as of July 19, 2019 and include all registered patents and patent applications. This Schedule may be updated by the Lender at any time during the term of the IP Security Agreement:

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|---------------------|-------------------------------------|---------------------------|----------------------|--------------------------------|-------------------------------|---------------|
| Mixed-Reality Architectural Design Environment | CA | DIRTT Environmental Solutions, Ltd. | 2997021 | N/A | PCT Filing Date: 2017-06-09 | N/A | Pending |
| *** Identified as material *** | | | | | | | |
| Glass Substrates With Touchscreen Technology | CA | DIRTT Environmental Solutions, Ltd. | 2997014 | N/A | PCT Filing Date: 2017-06-01 | N/A | Pending |
| Wall System With Electronic Device Mounting Assembly | CA | DIRTT Environmental Solutions, Ltd. | 2992856 | N/A | PCT Filing Date: 2017-06-08 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| Slidable Furniture With In-Wall Mounting System | CA | DIRTT Environmental Solutions, Ltd. | 2940479 | N/A | PCT Filing Date: 2016-05-31 | N/A | Pending |
| Straight And Curved Reconfigurable Partition Systems | CA | DIRTT Environmental Solutions, Ltd. | 2951047 | N/A | PCT Filing Date: 2015-06-05 | N/A | Pending |
| Modular Furniture System With Wire Management | CA | DIRTT Environmental Solutions, Ltd. | 2978349 | N/A | PCT Filing Date: 2016-06-15 | N/A | Pending |
| Slidable Snap-In Trim System | CA | DIRTT Environmental Solutions, Ltd. | 2932539 | N/A | 2016-06-08 | N/A | Pending |
| Modular Walls With Embedded Furniture And Opposing Feature | CA | DIRTT Environmental Solutions, Ltd. | 2932533 | N/A | 2016-06-08 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|--------------------|---------|
| Embedded Furniture Having Retractable Legs With Lighting | CA | DIRTT Environmental Solutions, Ltd. | 2932531 | N/A | 2016-06-08 | N/A | Pending |
| Modular Walls Incorporating Recessed, Extendable Furniture | CA | DIRTT Environmental Solutions, Ltd. | 2800414 | 2800414 | PCT Filing Date: 2012-06-13 | 2016-08-16 | Granted |
| *** Identified as material *** | | | | | | | |
| Modular Wall Nesting System | CA | DIRTT Environmental Solutions, Ltd. | 2796997 | 2796997 | PCT Filing Date: 2012-06-11 | 2016-05-10 | Granted |
| Perforated Acoustic Tiles | CA | DIRTT Environmental Solutions, Ltd. | 2893499 | 2893499 | 2015-06-01 | 2019-05-14 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| Panel And Wall Module Connection Apparatus, Methods, And Systems | CA | DIRTT Environmental Solutions, Ltd. | 2884244 | N/A | PCT Filing Date: 2014-06-03 | N/A | Pending |
| Modular Multiple-Circuit Electrical System | CA | DIRTT Environmental Solutions Ltd. | 2550249 | 2550249 | 2006-06-12 | 2010-01-26 | Granted |
| Wall-Mounted Devices, Systems, And Methods For Selectively Positioning Objects | CA | DIRTT Environmental Solutions Ltd. | 2840843 | N/A | PCT Filing Date: 2013-06-10 | N/A | Pending |
| *** Identified as material *** | | | | | | | |
| Trim Connection Systems And Methods | CA | DIRTT Environmental Solutions, Ltd. | 2852175 | N/A | PCT Filing Date: 2013-06-07 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|-----------------------------|--------------------|---------|
| Modular Building Construction Systems And Methods | CA | DIRTT Environmental Solutions, Ltd. | 2839163 | N/A | PCT Filing Date: 2013-06-06 | N/A | Pending |
| Angled Wall Connection Devices, Systems, And Methods | CA | DIRTT Environmental Solutions, Ltd. | 2838196 | N/A | PCT Filing Date: 2013-06-10 | N/A | Pending |
| Non-Handed Configurable Sliding Doors | CA | DIRTT Environmental Solutions, Ltd. | 2591176 | 2591176 | 2007-06-08 | 2013-12-24 | Granted |
| A System For Providing Both Partial Height And Full Height Wall Modules | CA | DIRTT Environmental Solutions, Ltd. | 2591075 | 2591075 | 2007-06-08 | 2014-01-14 | Granted |
| Lock And Seal System For Sliding Doors | CA | DIRTT Environmental Solutions, Ltd. | 2591057 | 2591057 | 2007-06-08 | 2014-03-25 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| A System For Providing Both Partial Height And Full Height Wall Modules | CA | DIRTT Environmental Solutions, Ltd. | 2634774 | 2634774 | 2008-06-06 | 2016-02-16 | Granted |
| Lock And Seal System For Sliding Doors | CA | DIRTT Environmental Solutions, Ltd. | 2634410 | 2634410 | 2008-06-06 | 2013-08-06 | Granted |
| Configurable Sliding Doors With Reversible Hand Configurations | CA | DIRTT Environmental Solutions, Ltd. | 2634407 | 2634407 | 2008-06-06 | 2013-08-06 | Granted |
| Centralized Electrical Distribution System | CA | DIRTT Environmental Solutions, Ltd. | 2682789 | 2682789 | PCT Filing Date: 2009-06-05 | 2013-11-19 | Granted |
| Real-Time Depth Or Field Effects With Design Software | CA | DIRTT Environmental Solutions, Ltd. | 2838197 | N/A | PCT Filing Date: 2013-01-25 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| Visual Distortion Effects Through Translucent Structures In Design Software | CA | DIRTT Environmental Solutions, Ltd. | 2817402 | N/A | PCT Filing Date: 2013-01-31 | N/A | Pending |
| Service Cable Box | CA | DIRTT Environmental Solutions, Ltd. | 2840745 | N/A | PCT Filing Date: 2012-11-19 | N/A | Pending |
| Low-Voltage Smart Glass | CA | DIRTT Environmental Solutions, Ltd. | 3030282 | N/A | PCT Filing Date: 2017-07-10 | N/A | Pending |
| Wall Seal | CA | DIRTT Environmental Solutions, Ltd. | 3033392 | N/A | PCT Filing Date: 2018-05-30 | N/A | Pending |
| Automated Re-Use Of Structural Components | CA | DIRTT Environmental Solutions, Ltd. | 2796664 | 2796664 | PCT Filing Date: 2012-05-18 | 2019-02-12 | Granted |
| Cable Consolidation Boxes And Systems | CA | DIRTT Environmental Solutions, Ltd. | 2793421 | N/A | PCT Filing Date: 2012-05-17 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|-----------------------------|--------------------|---------|
| Automatically Resolving Boundaries Within An Architectural Design Environment | CA | DIRTT Environmental Solutions, Ltd. | 2908924 | N/A | PCT Filing Date: 2014-03-24 | N/A | Pending |
| Modular In-Wall Functional Conduits | CA | DIRTT Environmental Solutions, Ltd. | 2817255 | N/A | PCT Filing Date: 2013-02-28 | N/A | Pending |
| Movable Walls For On-Site Construction | CA | DIRTT Environmental Solutions, Ltd. | 2586901 | 2586901 | 2007-05-01 | 2014-11-18 | Granted |
| Method For Installing Tiles In A Wall System | CA | DIRTT Environmental Solutions, Ltd. | 2991130 | N/A | PCT Filing Date: 2016-05-10 | N/A | Pending |
| Tamper Evident Wall Cladding System | CA | DIRTT Environmental Solutions, Ltd. | 2817279 | 2817279 | PCT Filing Date: 2013-04-10 | 2019-03-26 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|-----------------------------|--------------------|---------|
| Secure Raised Access Floor Service Box And System | CA | DIRTT Environmental Solutions, Ltd. | 2837297 | 2837297 | PCT Filing Date: 2012-04-12 | 2017-09-12 | Granted |
| Automatically Incorporating Third Party Features Into A Computer Design Schematic | CA | DIRTT Environmental Solutions, Ltd. | 2895313 | 2895313 | PCT Filing Date: 2013-07-16 | 2019-03-05 | Granted |
| Efficient Lighting Effects In Design Software | CA | DIRTT Environmental Solutions, Ltd. | 2817507 | N/A | PCT Filing Date: 2012-12-10 | N/A | Pending |
| Cam Style Locks And Systems And Methods Including The Same | CA | DIRTT Environmental Solutions, Ltd. | 2879585 | 2879585 | 2012-07-05 | 2017-08-15 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| Cam Style Locks And Systems And Methods Including The Same | CA | DIRTT Environmental Solutions, Ltd. | 2796522 | 2796522 | PCT Filing Date: 2012-07-05 | 2015-06-30 | Granted |
| Pocket Door | CA | DIRTT Environmental Solutions, Ltd. | 2978092 | N/A | PCT Filing Date: 2016-03-11 | N/A | Pending |
| Glass Panel Reconfigurable Wall Panels | CA | DIRTT Environmental Solutions, Ltd. | 2978206 | N/A | PCT Filing Date: 2016-03-16 | N/A | Pending |
| *** Identified as material *** | | | | | | | |
| Selectively Adjustable Architectural Wall | CA | DIRTT Environmental Solutions, Ltd. | 2880301 | N/A | PCT Filing Date: 2013-11-13 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| Method And System For Efficient Modeling Of Specular Reflection | CA | DIRTT Environmental Solutions, Ltd. | 2817497 | N/A | PCT Filing Date: 2013-01-31 | N/A | Pending |
| Wall-Mounted Devices, Systems, And Methods For Selectively Positioning Objects | CA | DIRTT Environmental Solutions, Ltd. | 2887948 | N/A | PCT Filing Date: 2014-08-11 | N/A | Pending |
| Modular Wraparound Wall | CA | DIRTT Environmental Solutions, Ltd. | 2884904 | N/A | PCT Filing Date: 2014-11-10 | N/A | Pending |
| Modular Walls With Seismic-Shiftrability | CA | DIRTT Environmental Solutions, Ltd. | 2863757 | N/A | PCT Filing Date: 2013-10-04 | N/A | Pending |
| Modular Walls With Incorporated Planters | CA | DIRTT Environmental Solutions Ltd. | 2780360 | 2780360 | PCT Filing Date: 2012-03-23 | 2014-08-26 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|--------------------|---------|
| Position Retention Mechanism For Modular Wall Assembly | CA | DIRTT Environmental Solutions, Ltd. | 2777577 | 2777577 | 2007-09-18 | 2015-08-11 | Granted |
| Tangential Non-Dimensional Interface Module | CA | DIRTT Environmental Solutions, Ltd. | 2695300 | 2695300 | 2010-03-04 | 2018-09-25 | Granted |
| Method For Wrapping A Non-Porous Substrate Object With A Wood Veneer | CA | DIRTT Environmental Solutions Ltd. | 2533721 | 2533721 | 2006-01-24 | 2014-09-23 | Granted |
| Pass Through Shelf Wall Assembly | CA | DIRTT Environmental Solutions, Ltd. | 2900602 | 2900602 | PCT Filing Date: 2014-08-27 | 2018-10-02 | Granted |
| Center-Mounted Acoustical Substrates | CA | DIRTT Environmental Solutions, Ltd. | 2863783 | N/A | PCT Filing Date: 2013-10-04 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|-----------------------------|--------------------|---------|
| Divider Wall Connection Systems And Methods | CA | DIRTT Environmental Solutions, Ltd. | 2863778 | N/A | PCT Filing Date: 2013-10-04 | N/A | Pending |
| Position Retention Mechanism For Modular Wall Assembly | CA | DIRTT Environmental Solutions, Ltd. | 2602897 | 2602897 | 2007-09-18 | 2012-07-10 | Granted |
| Custom Connection System For Modular Walls | CA | DIRTT Environmental Solutions, Ltd. | 2602669 | 2602669 | 2007-09-17 | 2012-03-13 | Granted |
| Variable Connectors For Angling Modular Wall Systems | CA | DIRTT Environmental Solutions, Ltd. | 2602603 | 2602603 | 2007-09-17 | 2015-06-02 | Granted |
| Integrated Sliding Door/Panel System | CA | DIRTT Environmental Solutions Ltd. | 2535213 | 2535213 | 2006-02-01 | 2014-04-29 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|-----------------------------|-----------------------|---------|
| Integrated Reconfigurable Wall System | CA | DIRTT Environmental Solutions Ltd. | 2516083 | 2516083 | 2005-08-16 | 2013-03-12 | Granted |
| *** Identified as material *** | | | | | | | |
| Interface For Mounting Interchangeable Components | CA | DIRTT Environmental Solutions, Ltd. | 2938885 | N/A | PCT Filing Date: 2015-02-13 | N/A | Pending |
| Virtual Reality Immersion With An Architectural Design Software Application | CA | DIRTT Environmental Solutions, Ltd. | 2964514 | N/A | PCT Filing Date: 2015-10-14 | N/A | Pending |
| *** Identified as material *** | | | | | | | |
| Modular Raised Floor System | CA | DIRTT Environmental Solutions, Ltd. | 2954499 | N/A | 2017-01-13 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|---|--------------------|---------------|-----------------------------|--------------------|------------|
| Method Of Configuring Walls *** Identified as material *** | CA | DIRTT Environmental Solutions, Ltd. | 2938880 | N/A | PCT Filing Date: 2015-02-13 | N/A | Pending |
| Method Of Configuring Walls | CA | DIRTT Environmental Solutions, Ltd. | 2932170 | N/A | PCT Filing Date: 2015-02-13 | N/A | Pending |
| Primary And Intermediate Horizontal Leveler | CA | DIRTT Environmental Solutions, Ltd. | 2888544 | N/A | PCT Filing Date: 2014-08-13 | N/A | Pending |
| Capturing A User's Intent In Design Software *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2577199 | 2,577,199 | 2007-02-15 | 2015-12-22 | Registered |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|---|--------------------|---------------|---------------------|--------------------|------------|
| Capturing a User's Design Intent with Resolvable Objects *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2577202 | 2,577,202 | 2007-02-15 | 2011-07-08 | Registered |
| Design Software Incorporating Efficient 3-D Rendering *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2577205 | 2,577,205 | 2007-02-15 | 2012-10-23 | Registered |
| Integrating Object-Oriented Design Software with Record-Based CAD | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business | 2642553 | 2,642,553 | 2008-08-15 | 2016-04-19 | Registered |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|---|--------------------|---------------|---------------------|--------------------|------------|
| Software *** Identified as material *** | | Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | | | | | |
| Creation and Modification of Valid Functional Design Layouts *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2665427 | 2,665,427 | 2009-04-16 | 2016-01-26 | Registered |
| Rendering and Modifying CAD Design Entities in Object-Oriented Applications | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of | 2665637 | 2,665,637 | 2009-04-16 | 2016-05-17 | Registered |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|---|--------------------|---------------|---------------------|--------------------|------------|
| Rendering and Modifying CAD Design Entities in Object-Oriented Applications | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2923333 | 2,923,333 | 2016-05-08 | 2018-12-18 | Registered |
| Automatically Creating and Modifying Furniture Layouts in Design Software | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2665379 | 2,665,379 | 2009-04-16 | 2015-05-12 | Registered |
| Securely Sharing Design Renderings Over | CA | DIRTT Environmental Solutions Ltd. | 2781638 | | 2012-05-23 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|---|--------------------|---------------|---------------------|--------------------|---------|
| a Network | | (assignment from Ice Edge Business Solutions to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | | | | | |
| Associating Computer-Executable Objects With Three-Dimensional Spaces Within An Architectural Design Environment | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2883079 | | 2015-02-25 | N/A | Pending |
| Secure Cable System | CA | DIRTT Environmental Solutions Ltd. (assignment from Agile Data Technology Inc. to DIRTT Environmental Solutions Ltd. filed, | 2588040 | 2588040 | 2005-11-11 | 2013-01-08 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|--|--------------------|---------------|---------------------|--------------------|---------|
| Floor-Mount Service Container And Lid | CA | DIRTT Environmental Solutions Ltd. (assignment from Spider Manufacturing Inc. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2639718 | 2639718 | 2008-09-23 | 2016-02-02 | Granted |
| Telecommunication And Electrical Service Box For Mounting In A Floor | CA | DIRTT Environmental Solutions Ltd. (assignment from Spider Manufacturing Inc. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 2375554 | 2375554 | 2002-03-25 | 2003-08-09 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|---|--------------------|---------------|---------------------|--------------------|---------|
| Associating Computer-Executable Objects with Timber Frames Within an Architectural Design Environment | CA | DIRTT Environmental Solutions, Ltd. (assignment from Ice Edge to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation receipt) | 2,921,871 | | 2015-01-01 | | Pending |
| Mixed-Reality and CAD Architectural Design Environment | CA | DIRTT Environmental Solutions, Ltd. (CIPO Assignment Registration 05746676 to DIRTT Environmental Solutions, Ltd.) | 3,000,008 | | 2018-03-01 | | Pending |
| Angled Wall Connector Bracket | CA | DIRTT Environmental Solutions, Ltd. (CIPO Assignment Registration 05744345 to | 2,996,509 | | 2017-06-09 | | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---------------------------------------|--------------|--------------------------------------|--------------------|---------------|---------------------|---------------------------------------|---------|
| | | DIRTT Environmental Solutions, Ltd.) | | | | | |
| Reconfigurable Wall System | US | DIRTT Environmental Solutions, Ltd. | 15/023,990 | 10,301,821 | 2015-02-13 | 2019-05-28 | Granted |
| *** Identified as material *** | | | | | | | |
| Pocket Door | US | DIRTT Environmental Solutions, Ltd. | 15/038,781 | 10,273,743 | 2016-03-11 | 2019-04-30 | Granted |
| | | | | | | | |
| Modular Raised Floor System | US | DIRTT Environmental Solutions, Ltd. | 15/366,709 | 10,196,825 | 2016-12-01 | 2019-02-05 | Granted |
| | | | | | | | |
| Integrated Reconfigurable Wall System | US | DIRTT Environmental Solutions, Ltd. | 14/305,819 | RE47,132 | 2014-06-16 | 2018-11-20 (date of re-issued patent) | Granted |
| *** Identified as material *** | | | | | | | |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|------------------------|--|---------|
| Modular Walls With Embedded Furniture And Opposing Feature | US | DIRTT Environmental Solutions, Ltd. | 15/177,084 | 10,058,170 | 2016-06-08 | 2018-08-28 | Granted |
| Modular Wrap Around Wall | US | DIRTT Environmental Solutions, Ltd. | 14/426,970 | 10,030,384 | 2014-11-10 | 2018-07-24 | Granted |
| Integrated Reconfigurable Wall System | US | DIRTT Environmental Solutions, Ltd. | 14/681,874 | RE46929 | 2015-04-08 | 2018-07-03 (date of re-issued patent) | Granted |
| *** Identified as material *** | | | | | | | |
| Slidable Snap-In Trim System | US | DIRTT Environmental Solutions, Ltd. | 15/177,077 | 9,945,131 | 2016-06-08 | 2018-04-17 | Granted |
| Embedded Furniture Having Retractable Legs | US | DIRTT Environmental Solutions, Ltd. | 15/177,095 | 9,943,165 | 2016-06-08 | 2018-04-17 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| With Lighting | | | | | | | |
| Straight And Curved Reconfigurable Partition Systems | US | DIRTT Environmental Solutions, Ltd. | 15/028,000 | 9,856,644 | 2015-06-05 | 2018-01-02 | Granted |
| Method Of Configuring Walls | US | DIRTT Environmental Solutions, Ltd. | 14/903,035 | 9,840,841 | 2015-02-13 | 2017-12-12 | Granted |
| Selectively Adjustable Architectural Wall | US | DIRTT Environmental Solutions, Ltd. | 14/376,821 | 9,803,360 | 2013-11-13 | 2017-10-31 | Granted |
| Trim Connection Systems And Methods | US | DIRTT Environmental Solutions, Ltd. | 14/112,029 | 9,803,352 | 2013-06-07 | 2017-10-31 | Granted |
| Modular In-Wall Functional Conduits | US | DIRTT Environmental Solutions, Ltd. | 14/003,287 | 9,719,251 | 2013-02-28 | 2017-08-01 | Granted |
| Modular Building Construction | US | DIRTT Environmental | 14/009,728 | 9,670,669 | 2013-06-06 | 2017-06-06 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| System | | Solutions, Ltd. | | | | | |
| Perforated Acoustic Tiles | US | DIRTT Environmental Solutions, Ltd. | 14/722,642 | 9,649,831 | 2015-05-27 | 2017-05-16 | Granted |
| Method And System For Efficient Modeling Of Specular Reflection | US | DIRTT Environmental Solutions, Ltd. | 14/110,910 | 9,619,920 | 2013-01-31 | 2017-04-11 | Granted |
| Primary And Intermediate Horizontal Leveler | US | DIRTT Environmental Solutions, Ltd. | 14/432,999 | 9,617,743 | 2014-08-13 | 2017-04-11 | Granted |
| Wall-Mounted Devices, Systems, And Methods For Selectively Positioning Objects | US | DIRTT Environmental Solutions, Ltd. | 14/113,560 | 9,593,481 | 2013-06-10 | 2017-03-14 | Granted |
| *** Identified as | | | | | | | |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| material *** | | | | | | | |
| Modular Walls With Seismic-Shiftability | US | DIRTT Environmental Solutions, Ltd. | 14/114,501 | 9,546,483 | 2013-10-04 | 2017-01-17 | Granted |
| Software Incorporating Efficient 3-D Rendering | US | DIRTT Environmental Solutions, Ltd. | 14/032,946 | 9,536,340 | 2013-09-20 | 2017-01-03 | Granted |
| Angled Wall Connection Devices, And Systems, And Methods | US | DIRTT Environmental Solutions, Ltd. | 14/119,845 | 9,528,287 | 2013-06-10 | 2016-12-27 | Granted |
| Efficient Lighting Effects In Design Software | US | DIRTT Environmental Solutions, Ltd. | 14/348,879 | 9,471,719 | 2012-12-10 | 2016-10-18 | Granted |
| X-Link Connector | US | DIRTT Environmental Solutions, Ltd. | 29/481,987 | D760,402 | 2014-02-12 | 2016-06-28 | Granted |
| Real-Time Depth Or Field Effects | US | DIRTT Environmental | 14/113,260 | 9,355,197 | 2013-01-25 | 2016-05-31 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Within Design Software | | Solutions, Ltd. | | | | | |
| Modular Wall Nesting System | US | DIRTT Environmental Solutions, Ltd. | 14/657,837 | 9,347,218 | 2015-03-13 | 2016-05-24 | Granted |
| Flex Bracket With Knuckle | US | DIRTT Environmental Solutions Ltd | 29/473,239 | D755,614 | 2013-11-20 | 2016-05-10 | Granted |
| Modular Wall Incorporating Recessed, Extendable Furniture | US | DIRTT Environmental Solutions, Ltd. | 29/493,280 | D754,991 | 2014-06-06 | 2016-05-03 | Granted |
| *** Identified as material *** | | | | | | | |
| Cam Style Locks And Systems And Methods Including The Same | US | DIRTT Environmental Solutions, Ltd | 13/579,265 | 9,328,542 | 2012-07-05 | 2016-05-03 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Divider Wall Connection Systems And Methods | US | DIRTT Environmental Solutions, Ltd. | 14/114,019 | 9,328,504 | 2013-10-04 | 2016-05-03 | Granted |
| Modular Wall Nesting System | US | DIRTT Environmental Solutions, Ltd. | 29/492,776 | D753,943 | 2014-06-03 | 2016-04-19 | Granted |
| Tamper Evident Wall Cladding System | US | DIRTT Environmental Solutions, Ltd. | 14/000,662 | 9,315,997 | 2013-04-10 | 2016-04-19 | Granted |
| Center-Mounted Acoustical Substrates | US | DIRTT Environmental Solutions, Ltd. | 14/113,252 | 9,315,985 | 2013-10-04 | 2016-04-19 | Granted |
| Modular Walls With Incorporated Planters | US | DIRTT Environmental Solutions, Ltd | 13/515,944 | 9,307,701 | 2012-03-23 | 2016-04-12 | Granted |
| Service Cable Box | US | DIRTT Environmental Solutions, Ltd. | 14/125,264 | 9,270,098 | 2012-11-19 | 2016-02-23 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Adjoining Interface Members For Architectural Divider Assembly | US | DIRTT Environmental Solutions, Ltd. | 29/482,000 | D745,706 | 2014-02-14 | 2015-12-15 | Granted |
| Trim Connection Systems And Methods | US | DIRTT Environmental Solutions, Ltd. | 14/249,260 | 9,206,612 | 2014-04-09 | 2015-12-08 | Granted |
| Tangential Non-Dimensional Interface Module | US | DIRTT Environmental Solutions, Ltd. | 12/980,163 | 9,194,121 | 2010-12-28 | 2015-11-24 | Granted |
| Method For Wrapping A Non-Porous Substrate Object With A Wood Veneer | US | DIRTT Environmental Solutions Ltd. | 11/338,897 | 9,095,990 | 2006-01-25 | 2015-08-04 | Granted |
| Wall With Incorporated Planters | US | DIRTT Environmental Solutions Ltd | 29/476,441 | D734,958 | 2013-12-13 | 2015-07-28 | Granted |
| Adjoining Interface Members | US | DIRTT Environmental | 29/482,695 | D734,872 | 2014-02-20 | 2015-07-21 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Forming A Receiving Channel | | Solutions, Ltd. | | | | | |
| Modular Walls Incorporating Recessed, Extendable Furniture | US | DIRTT Environmental Solutions, Ltd. | 13/582,978 | 9,084,489 | 2012-06-13 | 2015-07-21 | Granted |
| *** Identified as material *** | | | | | | | |
| Building Structure | US | DIRTT Environmental Solutions, Ltd. | 29/457,414 | D732,190 | 2013-06-10 | 2015-06-16 | Granted |
| Cable Consolidation Boxes And Systems | US | DIRTT Environmental Solutions, Ltd. | 13/579,269 | 9,059,576 | 2012-05-17 | 2015-06-16 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Floor-Mount Service Container And Lid | US | DIRTT Environmental Solutions Ltd. | 12/232,702 | 8,944,266 | 2008-09-23 | 2015-02-03 | Granted |
| Method Of Reversing Hand Configurations Of Sliding Doors | US | DIRTT Environmental Solutions Ltd. | 14/146,622 | 8,904,712 | 2014-01-02 | 2014-12-09 | Granted |
| Secure Passive Optical Network Enclosure | US | DIRTT Environmental Solutions, Ltd. | 29/420,561 | D709,043 | 2012-05-10 | 2014-07-15 | Granted |
| Rendering And Modifying CAD Design Entities In Object-Oriented Applications | US | DIRTT Environmental Solutions, Ltd. | 12/444,893 | 8,762,941 | 2009-02-13 | 2014-06-24 | Granted |
| Position Retention Mechanism For Modular Wall Assembly | US | DIRTT Environmental Solutions, Ltd. | 12/762,959 | 8,756,893 | 2010-04-19 | 2014-06-24 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Method For Selecting Power From Two Or More Circuits | US | DIRTT Environmental Solutions Ltd. | 13/921,591 | 8,747,135 | 2013-06-19 | 2014-06-10 | Granted |
| Floor-Mount Service Container And Lid | US | DIRTT Environmental Solutions, Ltd. | 29/418,305 | D697,872 | 2012-04-13 | 2014-01-21 | Granted |
| Sliding Doors With Reversible Configurations | US | DIRTT Environmental Solutions, Ltd. | 13/250,706 | 8,621,784 | 2011-09-30 | 2014-01-07 | Granted |
| Electrical Panel Manager | US | DIRTT Environmental Solutions, Ltd. | 29/430,113 | D695,690 | 2012-08-21 | 2013-12-17 | Granted |
| Secure Raised Access Floor Service Box And System | US | DIRTT Environmental Solutions, Ltd. | 13/114,762 | 8,519,276 | 2011-05-24 | 2013-08-27 | Granted |
| Automatically Creating And Modifying Furniture | US | DIRTT Environmental Solutions LTD | 12/444,886 | 8,510,672 | 2009-03-11 | 2013-08-13 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Layouts In Design Software | | | | | | | |
| Centralized Electrical Distribution System | US | DIRTT Environmental Solutions | 13/453,774 | 8,500,480 | 2012-04-23 | 2013-08-06 | Granted |
| Modular Multiple-Circuit Electrical System | US | DIRTT Environmental Solutions Ltd. | 13/441,379 | 8,475,188 | 2012-04-06 | 2013-07-02 | Granted |
| Sliding Door Apparatus Having A Damping Mechanism | US | DIRTT environmental solutions Ltd. | 11/344,600 | 8,215,061 | 2006-02-01 | 2012-07-10 | Granted |
| Cable Consolidation Box | US | DIRTT Environmental Solutions, Ltd. | 29/384,895 | D659,648 | 2011-02-04 | 2012-05-15 | Granted |
| Secure Wall Cable Box | US | DIRTT Environmental Solutions, Ltd. | 29/384,886 | D659,647 | 2011-02-04 | 2012-05-15 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Methods Of Constructing Movable Walls | US | DIRTT Environmental Solutions, Ltd. | 12/763,948 | 8,176,707 | 2010-04-20 | 2012-05-15 | Granted |
| Centralized Electrical Distribution System | US | DIRTT Environmental Solutions, Ltd. | 12/594,343 | 8,162,686 | 2009-06-05 | 2012-04-24 | Granted |
| Modular Multiple-Circuit Electrical System | US | DIRTT Environmental Solutions, Ltd. | 12/213,134 | 8,152,546 | 2008-06-16 | 2012-04-10 | Granted |
| Lock And Seal System For Sliding Doors | US | DIRTT Environmental Solutions Ltd. | 12/135,027 | 8,112,954 | 2008-06-06 | 2012-02-14 | Granted |
| Configurable Sliding Doors With Reversible Hand Configurations | US | DIRTT Environmental Solutions Ltd. | 12/135,019 | 8,056,286 | 2008-06-06 | 2011-11-15 | Granted |
| Integrated Reconfigurable Wall System | US | DIRTT Environmental Solutions Ltd. | 11/205,314 | 8,024,901 | 2005-08-17 | 2011-09-27 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| *** Identified as material *** | | | | | | | |
| Position Retention Mechanism For Modular Wall Assembly | US | DIRTT Environmental Solutions, Ltd. | 12/500,304 | 7,984,598 | 2009-07-09 | 2011-07-26 | Granted |
| Variable Connectors For Angling Modular Wall Systems | US | DIRTT Environmental Solutions, Ltd. | 11/854,524 | 7,958,679 | 2007-09-12 | 2011-06-14 | Granted |
| Custom Connection System For Modular Walls | US | DIRTT Environmental Solutions, Ltd. | 11/855,363 | 7,954,288 | 2007-09-14 | 2011-06-07 | Granted |
| Tangential Non-Dimensional Interface Module | US | DIRTT Environmental Solutions, Ltd. | 29/378,538 | D635,277 | 2010-11-05 | 2011-03-29 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Integrating Object-Oriented Design Software With Record-Based CAD Software | US | DIRTT Environmental Solutions, Ltd. | 11/577,302 | 7,908,296 | 2007-02-16 | 2011-03-15 | Granted |
| *** Identified as material *** | | | | | | | |
| Disc-Shaped Interface Member For Architectural Divider Assemblies | US | DIRTT Environmental Solutions, Ltd. | 29/363,794 | D628,717 | 2010-06-14 | 2010-12-07 | Granted |
| Rectangular-Shaped Interface Member For Architectural Divider Assemblies | US | DIRTT Environmental Solutions, Ltd. | 29/363,792 | D628,716 | 2010-06-14 | 2010-12-07 | Granted |
| Box-Shaped Interface Member For Architectural Divider | US | DIRTT Environmental Solutions, Ltd. | 29/363,790 | D628,715 | 2010-06-14 | 2010-12-07 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Assemblies | | | | | | | |
| Vertical Interface Member For Architectural Divider Assemblies | US | DIRTT Environmental Solutions, Ltd. | 29/363,788 | D628,714 | 2010-06-14 | 2010-12-07 | Granted |
| Modular Multiple-Circuit Electrical System | US | DIRTT Environmental Solutions Ltd. | 11/450,439 | 7,387,520 | 2006-06-12 | 2008-06-17 | Granted |
| Capturing A User's Design Intent With Resolvable Objects | US | DIRTT Environmental Solutions Ltd. | 11/204,420 | 7,277,830 | 2005-08-16 | 2007-10-02 | Granted |
| *** Identified as material *** | | | | | | | |
| Design Software Incorporating Efficient 3-D Rendering | US | DIRTT Environmental Solutions Ltd. | 11/204,419 | 7,249,005 | 2005-08-16 | 2007-07-24 | Granted |
| *** Identified as | | | | | | | |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| material *** | | | | | | | |
| Angled Wall Connector Bracket | US | DIRTT Environmental Solutions Ltd. | 15/741,375 | N/A | 2017-06-08 | N/A | Pending |
| Mixed-Reality Architectural Design Environment | US | DIRTT Environmental Solutions, Ltd. | 15/741,488 | N/A | 2017-06-09 | N/A | Pending |
| *** Identified as material *** | | | | | | | |
| Mixed-Reality And Cad Architectural Design Environment | US | DIRTT Environmental Solutions, Ltd. | 15/741,487 | N/A | 2017-06-09 | N/A | Pending |
| Slidable Furniture With In-Wall Mounting System | US | DIRTT Environmental Solutions, Ltd. | 15/108,626 | N/A | 2016-05-31 | N/A | Pending |
| Method For Installing Tiles In | US | DIRTT Environmental | 15/735,084 | N/A | 2016-05-10 | N/A | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| A Wall System | | Solutions, Ltd. | | | | | |
| Interface For Mounting Interchangeable Components | US | DIRTT Environmental Solutions, Ltd. | 15/026,566 | N/A | 2015-02-13 | N/A | Pending |
| Millwork Leveler | US | DIRTT Environmental Solutions, Ltd. | 15/741,177 | N/A | 2017-02-28 | N/A | Pending |
| Associating Computer-Executable Objects With Timber Frames Within An Architectural Design Environment | US | DIRTT Environmental Solutions, Ltd. | 14/915,990 | N/A | 2015-01-13 | N/A | Pending |
| Associating Computer-Executable Objects With Three-Dimensional Spaces Within An Architectural Design | US | DIRTT Environmental Solutions, Ltd. | 14/115,299 | 9,958,858 | 2013-05-31 | 2018-05-01 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|--|--------------------|---------------|---------------------|--------------------|---------|
| Environment | | | | | | | |
| Modular Walls Incorporating Recessed, Extendable Furniture | US | DIRTT Environmental Solutions, Ltd. | 14/683,684 | N/A | 2015-04-10 | N/A | Pending |
| Automated Re-Use Of Structural Components | US | Assignee: DIRTT Environmental Solutions, Ltd. | 13/579,261 | 9,189,571 | 2012-05-18 | 2015-11-17 | Granted |
| Modular Wall Nesting System | US | DIRTT Environmental Solutions, Ltd. | 13/579,257 | N/A | 2012-06-11 | N/A | Pending |
| System For Providing Both Partial-Height And Full-Height Wall Modules | US | Assignee: DIRTT Environmental Solutions Ltd. | 12/135,028 | 8,151,527 | 2008-06-06 | N/A | Granted |
| Position Retention | US | Assignee: | 11/855,477 | 7,832,154 | 2007-09-14 | 2010-11-16 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|-------------------------------------|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|--------|
| Mechanism For Modular Wall Assembly | | DIRTT Environmental Solutions, Ltd. | | | | | |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|--|--------------------------|---------------|---------------------|--------------------|---------|
| Secure Cable System | US | Assignee: DIRTT Environmental Solutions, Ltd. | 10/989,986 | 7,163,410 | 2004-11-16 | 2007-01-16 | Granted |
| Secure Cable System | US | Assignee: DIRTT Environmental Solutions, Ltd. | 11/561,785 11/561,788 | 7,410,373 | 2006-11-20 | 2008-08-12 | Granted |
| Secure Cable Distribution Box | US | Assignee: DIRTT Environmental Solutions, Ltd. | 29/375,177 | D638,367 | 2010-09-17 | 2011-05-24 | Granted |
| Movable Walls For On-Site Construction | US | Assignee: DIRTT Environmental Solutions, Ltd. | 11/742,591 | 8,015,766 | 2007-05-01 | 2011-09-13 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Capturing A User's Intent In Design Software | US | DIRTT Environmental Solutions Ltd. | 11/204,421 | 8,751,950 | 2005-08-16 | 2014-06-10 | Granted |
| *** Identified As Material *** | | | | | | | |
| Creation and Modification of Valid Functional Design Layouts (software) | US | DIRTT Environmental Solutions Ltd. | 12/444,890 | 8,762,877 | 2009-04-09 | 2014-06-24 | Granted |
| *** Identified as material *** | | | | | | | |
| Automatically Creating and Modifying Furniture Layouts in Design Software | US | DIRTT Environmental Solutions Ltd. | 13/839,033 | 9,519,407 | 2013-03-15 | 2016-12-13 | Granted |
| Securely Sharing Design Renderings Over A | US | DIRTT Environmental Solutions Ltd. | 13/510,912 | 9,245,064 | 2012-05-18 | 2016-01-26 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Network | | | | | | | |
| Visual Distortion Effects Through Translucent Structures In Design Software | US | DIRTT Environmental Solutions Ltd. | 14/111,669 | 9,245,381 | 2013-10-14 | 2016-01-26 | Granted |
| Flush Mounted Flip Top Telecommunication And Electrical Station For Board Room Tables | US | DIRTT Environmental Solutions Ltd. | 09/453,179 | 6,338,301 | 1999-12-02 | 2002-01-15 | Granted |
| Telecommunication And Electrical Service Box For Mounting In A Floor | US | DIRTT Environmental Solutions Ltd. | 10/103,994 | 6,669,041 | 2002-03-25 | 2003-12-30 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Modular Electrical Connector Box | US | DIRTT Environmental Solutions, Ltd. | 08/348,279 | 5,744,750 | 1994-11-30 | 1998-04-28 | Granted |
| Wall Seal | US | DIRTT Environmental Solutions, Ltd. | 16/324,136 | | 2019-02-07 | | Pending |
| Foldable Modular Wall System | US | DIRTT Environmental Solutions, Ltd. | 16/469,062 | | 2019-06-12 | | Pending |
| System for Mounting Sliding Door within Modular Ceilings | US | DIRTT Environmental Solutions, Ltd. | 16/477,788 | | 2019-06-12 | | Pending |
| Enzo Wall Hanger Mounting System | US | DIRTT Environmental Solutions, Ltd. | 16/348,256 | | 2019-05-08 | | Pending |
| St/Stand Wall Unit with Roller | US | DIRTT Environmental | 16/339,925 | | 2019-04-05 | | Pending |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| Track | | Solutions, Ltd. | | | | | |
| Low Voltage Switch Glass Adapter System and Methods | US | DIRTT Environmental Solutions, Ltd. | 16/316,333 | | 2019-01-08 | | Pending |
| Glass Substrates with Touchscreen Technology | US | DIRTT Environmental Solutions, Ltd. | 15/741,489 | | 2018-01-02 | | Pending |
| Wall System with Electronic Device Mounting Assembly | US | DIRTT Environmental Solutions, Ltd. | 15/741,180 | | 2017-12-29 | | Pending |
| Modular Furniture System with Wire Management | US | DIRTT Environmental Solutions, Ltd. | 15/122,370 | 10,117,511 | 2016-08-29 | 2018-11-06 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|----------------------------------|
| and Multiple Monitors | | | | | | | |
| Reconfigurable Wall Panels | US | DIRTT Environmental Solutions, Ltd. | 15/038,694 | | 2016-05-23 | | Pending |
| Virtual Reality Immersion with an Architectural Design Software Application | US | DIRTT Environmental Solutions, Ltd. | 15/518,378 | | 2017-04-11 | | Pending |
| Wall-Mounted Devices, Systems, and Methods for Selectively Positioning Objects | US | DIRTT Environmental Solutions, Ltd. | 14/433,346 | | 2015-04-02 | | Pending (Final Rejection Mailed) |
| Automatically Resolving Boundaries within an Architectural | US | DIRTT Environmental Solutions, Ltd. | 14/891,007 | 10,289,758 | 2015-11-13 | 2019-05-12 | Granted |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------------------------------|
| Design Environment | | | | | | | |
| Integrated Reconfigurable Wall System | US | DIRTT Environmental Solutions, Ltd. | 14/032,931 | | 2013-09-20 | | Pending (Prosecution Suspended) |
| *** Identified as material *** | | | | | | | |
| Panel and Wall Module Connection Apparatus, Methods, and Systems | US | DIRTT Environmental Solutions, Ltd. | 14/406,518 | 9,874,010 | 2014-12-08 | 2018-01-23 | Granted |
| Pass Through Shelf Wall Assembly | US | DIRTT Environmental Solutions, Ltd. | 14/888,080 | 9,717,348 | 2015-10-29 | 2017-08-01 | Granted |
| Integrated Reconfigurable Wall System | US | DIRTT Environmental Solutions, Ltd. | 15/074,383 | | 2016-03-18 | | Pending |
| *** Identified as | | | | | | | |

| Title | Jurisdiction | Applicant/Owner | Application Number | Patent Number | Filing Date (Y/M/D) | Grant Date (Y/M/D) | Status |
|---|--------------|-------------------------------------|--------------------|---------------|---------------------|--------------------|---------|
| material *** | | | | | | | |
| Planar Electrical Connection Interface Port | US | DIRTT Environmental Solutions, Ltd. | 29/430,154 | D689,823 | 2012-08-22 | 2013-09-17 | Granted |
| Wire Access Box | US | DIRTT Environmental Solutions, Ltd. | 29/071,540 | D401,558 | 1997-05-30 | 1998-11-24 | Granted |
| Steel Angus Vertical Component | US | DIRTT Environmental Solutions, Ltd. | 29/678,725 | | 2019-01-30 | | Pending |

SCHEDULE B

TRADEMARKS


The following registered trademarks are owned by DIRTT ENVIRONMENTAL SOLUTIONS LTD. as of July 19, 2019 and include all registered trademarks and trademark applications. This Schedule may be updated by the Lender at any time during the term of the IP Security Agreement:

| Trademark | Jurisdiction | Applicant/ Owner | Application Number | Registration Number | Filing Date (Y/M/D) | Status |
|--------------------|---------------------|-------------------------------------|---------------------------|----------------------------|----------------------------|---------------|
| DIRTT BUILD BETTER | CA | DIRTT Environmental Solutions, Ltd | 1728241 | N/A | 2015-05-14 | Searched |
| ICEREALITY | CA | DIRTT Environmental Solutions, Ltd. | 1846392 | N/A | 2017-07-07 | Advertised |
| I-HEDRON | CA | DIRTT Environmental Solutions, Ltd. | 1698362 | N/A | 2014-10-16 | Searched |
| ICESHEET | CA | DIRTT Environmental Solutions, Ltd | 1845859 | N/A | 2017-07-05 | Searched |
| LEAF | CA | DIRTT Environmental Solutions, Ltd. | 1846005 | N/A | 2017-07-05 | Searched |
| LEAF WALL | CA | DIRTT Environmental Solutions, Ltd. | 1895617 | N/A | 2018-04-24 | Searched |
| LEAF FOLDING WALL | CA | DIRTT Environmental Solutions, Ltd. | 1895619 | N/A | 2018-04-25 | Searched |
| ENZO | CA | Dirtt Environmental Solutions, Ltd. | 1684223 | N/A | 2014-06-27 | Searched |
| ICEVR | CA | DIRTT Environmental Solutions, Ltd. | 1756468 | TMA1010582 | 2015-11-25 | Registered |
| ICESCAPES | CA | DIRTT Environmental Solutions, Ltd. | 1756469 | TMA1010584 | 2015-11-25 | Registered |
| CONNEXT | CA | DIRTT Environmental Solutions, Ltd. | 1756467 | TMA1010650 | 2015-11-25 | Registered |
| REVIEW BOARD | CA | DIRTT Environmental Solutions, Ltd. | 1864865 | N/A | 2017-10-26 | Searched |

| Trademark | Jurisdiction | Applicant/ Owner | Application Number | Registration Number | Filing Date (Y/M/D) | Status |
|---|--------------|--|--------------------|---------------------|---------------------|------------|
| I-CUBE | CA | DIRTT Environmental Solutions, Ltd | 1633937 | TMA940866 | 2013-07-04 | Registered |
| I-LINE | CA | DIRTT Environmental Solutions, Ltd | 1633936 | TMA938998 | 2013-07-04 | Registered |
| ICECAD | CA | DIRTT Environmental Solutions, Ltd | 1633938 | TMA923052 | 2013-07-04 | Registered |
| ICEBERG & DESIGN  | CA | DIRTT Environmental Solutions, Ltd | 1633935 | TMA912764 | 2013-07-04 | Registered |
| DIRTT FOR LIFE | CA | DIRTT Environmental Solutions, Ltd. | 1756470 | TMA983790 | 2015-11-25 | Registered |
| BREATHE | CA | DIRTT Environmental Solutions, Ltd. | 1538891 | TMA927922 | 2011-08-02 | Registered |
| DIRTT *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. | 1224421 | TMA661570 | 2004-07-22 | Registered |
| DIRTT | CA | DIRTT Environmental Solutions, Ltd | 1583993 | TMA897456 | 2012-06-28 | Registered |
| doing it right this time *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. | 1224423 | TMA661571 | 2004-07-22 | Registered |
| ICERENDER | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 1633939 | TMA923050 | 2013-07-04 | Registered |

| Trademark | Jurisdiction | Applicant/ Owner | Application Number | Registration Number | Filing Date (Y/M/D) | Status |
|---|--------------|--|--------------------|---------------------|---------------------|------------|
| ICEVISION | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 1633940 | TMA923048 | 2013-07-04 | Registered |
| ICE EDGE | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 1633934 | TMA923049 | 2013-07-04 | Registered |
| ICE *** Identified as material *** | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 1224425 | TMA661572 | 2004-07-22 | Registered |
| ICECYCLE | CA | DIRTT Environmental Solutions Ltd. (assignment from Ice Edge Business Solutions Ltd. to DIRTT Environmental Solutions Ltd. filed, awaiting confirmation of receipt) | 1633941 | TMA923056 | 2013-07-04 | Registered |
| GLC | US | DIRTT Environmental Solutions, Ltd. | 88442150 | N/A | 2019-05-22 | Pending |
| GREEN LEARNING CENTER | US | DIRTT Environmental Solutions, Ltd. | 88442068 | N/A | 2019-05-22 | Pending |
| LEAF WALL | US | DIRTT Environmental Solutions, Ltd. | 87667058 | N/A | 2017-10-31 | Pending |

| Trademark | Jurisdiction | Applicant/ Owner | Application Number | Registration Number | Filing Date (Y/M/D) | Status |
|--------------------|--------------|-------------------------------------|--------------------|---------------------|---------------------|------------|
| LEAF FOLDING WALL | US | DIRTT Environmental Solutions, Ltd. | 87667056 | N/A | 2017-10-31 | Pending |
| REVIEW BOARD | US | DIRTT Environmental Solutions, Ltd | 87428795 | N/A | 2017-04-27 | Pending |
| ICESHEET | US | DIRTT Environmental Solutions, Ltd | 87299580 | 5538193 | 2017-01-12 | Registered |
| ICEREALITY | US | DIRTT Environmental Solutions, Ltd | 87428802 | 5499136 | 2017-04-27 | Registered |
| LEAF | US | DIRTT Environmental Solutions, Ltd | 87328863 | N/A | 2017-02-08 | Pending |
| ICESCAPES | US | DIRTT Environmental Solutions, Ltd. | 86667694 | 5209945 | 2015-06-19 | Registered |
| ICEVR | US | DIRTT Environmental Solutions, Ltd. | 86661907 | 5365393 | 2015-06-14 | Registered |
| I-HEDRON | US | DIRTT Environmental Solutions, Ltd. | 86387072 | 5464819 | 2014-09-05 | Registered |
| DIRTT BUILD BETTER | US | DIRTT Environmental Solutions, Ltd. | 86455068 | 5519847 | 2014-11-14 | Registered |
| DIRTT BUILD BETTER | US | DIRTT Environmental Solutions, Ltd. | 86982990 | 5454099 | 2014-11-14 | Registered |
| ENZO | US | DIRTT Environmental Solutions, Ltd | 86275501 | 5423626 | 2014-05-08 | Registered |
| DIRTT FOR LIFE | US | DIRTT Environmental Solutions, Ltd. | 86982495 | 5252041 | 2015-09-20 | Registered |
| CONNEXT | US | DIRTT Environmental Solutions, Ltd | 86661910 | 5233144 | 2015-06-14 | Registered |
| I-CUBE | US | DIRTT Environmental Solutions, Ltd. | 85900810 | 4561218 | 2013-04-10 | Registered |
| I-LINE | US | DIRTT Environmental Solutions, Ltd. | 85900311 | 4752377 | 2013-04-10 | Registered |

| Trademark | Jurisdiction | Applicant/ Owner | Application Number | Registration Number | Filing Date (Y/M/D) | Status |
|--|--------------|-------------------------------------|--------------------|---------------------|---------------------|------------|
| ICECYCLE | US | DIRTT Environmental Solutions, Ltd. | 85363989 | 4191817 | 2011-07-06 | Registered |
| BREATHE | US | DIRTT Environmental Solutions, Ltd. | 85976870 | 4192040 | 2011-02-02 | Registered |
| DOING IT RIGHT THIS TIME *** Identified as material *** | US | DIRTT Environmental Solutions, Ltd. | 85952243 | 4440313 | 2013-06-06 | Registered |
| DIRTT | US | DIRTT Environmental Solutions, Ltd. | 85519237 | 4444421 | 2012-01-18 | Registered |
| ICECAD | US | DIRTT Environmental Solutions, Ltd. | 78522539 | 3131038 | 2004-11-24 | Registered |
| ICEBERG  | US | DIRTT Environmental Solutions Ltd. | 78586280 | 3410386 | 2005-03-14 | Registered |
| DIRTT *** Identified as material *** | US | DIRTT Environmental Solutions Ltd. | 78673646 | 3176427 | 2005-07-19 | Registered |
| ICE *** Identified as material *** | US | DIRTT Environmental Solutions, Ltd. | 78440173 | 3088598 | 2005-09-06 | Registered |
| ICERENDER | US | DIRTT Environmental Solutions, Ltd. | 77603850 | 3717608 | 2008-10-30 | Registered |
| ICEVISION | US | DIRTT Environmental Solutions, Ltd. | 77603821 | 3650151 | 2008-10-30 | Registered |
| ICE EDGE | US | DIRTT Environmental Solutions, Ltd. | 77252166 | 3425921 | 2007-08-10 | Registered |
| DIRTT REFLECT | US | DIRTT Environmental Solutions, Ltd. | 88460357 | N/A | 2019-06-05 | Pending |

| Trademark | Jurisdiction | Applicant/ Owner | Application Number | Registration Number | Filing Date (Y/M/D) | Status |
|---------------|--------------|-------------------------------------|--------------------|---------------------|---------------------|---------|
| REFLECT | US | DIRTT Environmental Solutions, Ltd. | 88460345 | N/A | 2019-06-05 | Pending |
| DIRTT INSPIRE | US | DIRTT Environmental Solutions, Ltd. | 88458706 | N/A | 2019-06-05 | Pending |
| INSPIRE | US | DIRTT Environmental Solutions, Ltd. | 88458699 | N/A | 2019-06-05 | Pending |

SCHEDULE C**COPYRIGHTS**

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| Title | Jurisdiction | Applicant/Owner | Registration Number | Registration Date (Y/M/D) | Category of Work | Description |
|--|--------------|-------------------------------------|---------------------|---------------------------|------------------|----------------------------|
| Center Mount Glass Wall 2009 Tech Sheet. | US | DIRTT Environmental Solutions, Ltd. | VA0001957470 | 2015-02-19 | Visual Material | Electronic file (eService) |
| Center Mount Glass Wall 2010 Tech Sheet. | US | DIRTT Environmental Solutions, Ltd. | VA0001954576 | 2015-02-19 | Visual Material | Electronic file (eService) |
| Center Mount Glass Wall 2012 Tech Sheet. | US | DIRTT Environmental Solutions, Ltd. | VA0001954580 | 2015-02-19 | Visual Material | Electronic file (eService) |
| Center Mount Glass Wall 2014 Tech Sheet. | US | DIRTT Environmental Solutions, Ltd. | VA0001954565 | 2015-02-19 | Visual Material | Electronic file (eService) |

SCHEDULE D

LICENSES

The following intellectual property rights are owned by third parties and exclusively licensed to DIRTT ENVIRONMENTAL SOLUTIONS LTD. This Schedule may be updated by the Lender at any time during the term of the IP Security Agreement:

Nil.