

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INDOOR REALITY, INC.	04/24/2019
RECEIVING PARTY DATA	
Name:	HILTI AG
Street Address:	FELDKIRCHERSTRASSE 100
City:	SCHAAN
State/Country:	LIECHTENSTEIN
Postal Code:	LI-9494
PROPERTY NUMBERS Total: 10	
Property Type	Number
Application Number:	15376793
Application Number:	14927239
Application Number:	15820382
Application Number:	15095088
Application Number:	13888156
Application Number:	14947869
Application Number:	15042074
Application Number:	14855742
Application Number:	15232903
Application Number:	15226878
CORRESPONDENCE DATA	
Fax Number:	(202)628-8844
<i>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.</i>	
Phone:	202-624-2500
Email:	afield@crowell.com
Correspondent Name:	CROWELL & MORING LLP
Address Line 1:	P.O. BOX 14300
Address Line 4:	WASHINGTON, D.C. 20044-4300
ATTORNEY DOCKET NUMBER:	105440.04628US

NAME OF SUBMITTER:	ROBERT L. GRABAREK, JR.
SIGNATURE:	/Robert L. Grabarek, Jr./
DATE SIGNED:	06/20/2019
Total Attachments: 5 source=04628_assign#page1.tif source=04628_assign#page2.tif source=04628_assign#page3.tif source=04628_assign#page4.tif source=04628_assign#page5.tif	

PATENT ASSIGNMENT

This Patent Assignment is delivered pursuant to the Closing under that certain Asset Purchase Agreement (the "Purchase Agreement") dated as of April 24, 2019, Indoor Reality, Inc., as the "Seller," and Hilti AG, a company organized and existing under the laws of Liechtenstein, as the "Purchaser." Capitalized terms used in this Patent Assignment without definition have the respective meanings given to them in the Purchase Agreement.

The Seller has delivered this instrument signed by the Seller to enable the Purchaser to file it with any appropriate Governmental Authority to indicate ownership of Intellectual Property described below and for the other purposes set forth in this instrument. This instrument supplements and is in addition to all other rights of the Purchaser under the Purchase Agreement and other instruments of transfer delivered in connection with the Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which the Seller acknowledges, and by signing and delivering this instrument, the Seller sells, assigns, transfers, conveys, and delivers to the Purchaser all of the Seller's right, title, and interest in and to:

(a) the patents, patent applications and invention disclosures specifically listed in Annex A to this Patent Assignment; and

(b) the following properties and rights with respect to all patents and patent applications so listed in Annex A:

(i) the inventions claimed or described in the patents or applications;

(ii) any patents in the United States and anywhere else in the world and patent applications that have been or may be granted or filed, respectively, with respect to those inventions, including without limitation all foreign patents that may claim priority based on and correspond to the patents listed in Annex A and all rights to file applications, including the right to claim priority under all applicable international treaties, arrangements and agreements (including without limitation the Paris Convention, the Patent Cooperation Treaty (PCT) and TRIPs) to the patents and/or applications listed in Annex A;

(iii) all divisions, renewals, reissues, continuations, extensions and continuations-in-part of the foregoing patents;

(iv) all income, royalties, damages and payments due or payable to the Seller with respect to the patents, including without limitation unpaid damages and payments for past, present and future infringements of any patent; and

(v) all rights to sue and recover damages and payments for past, present and future infringements of any of the patents, including the right to fully and entirely replace the Seller in all related matters.

The foregoing rights in and under the patents shall apply to the full end of their terms as fully as the Seller would have held the same in the absence of this assignment. As of the date set forth below, the Purchaser has succeeded to all right, title and standing of the Seller to (a) receive all rights and benefits pertaining to the patents described above and (b) commence, prosecute, defend and settle all claims and take all actions that the Purchaser, in its sole discretion, may elect in relation to the patents and rights described above. This Patent Assignment (i) is irrevocable and effective upon the Seller's signature to

and delivery of a manually signed copy of this instrument or facsimile or email transmission of the signature to this instrument in connection with the Closing, if and only if the Closing is completed, (ii) benefits and binds the parties to the Purchase Agreement and their respective successors and assigns, (iii) does not modify or affect, and is subject to, the provisions of the Purchase Agreement and (iv) may be signed in counterparts as provided in Article 8 of the Purchase Agreement.

[Signature page follows.]

Each of the undersigned has signed this Patent Assignment

[Signature Page to Patent Assignment]

PATENT
REEL: 049542 FRAME: 0556

Each of the undersigned has signed this Patent Assignment as of April 24, 2019.

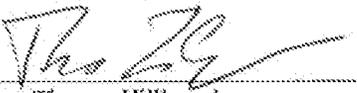
INDOOR REALITY, INC.

By: _____
Avidoh Zakhor, Chief Executive Officer

Acknowledged and agreed:

HILTI AG

By: 
Name: Jan Doongaji
Title: Member of the Executive Board

By: 
Name: Thomas Hillbrand
Title: Head of Business Unit Measuring

[Signature Page to Patent Assignment]

ANNEX A TO PATENT ASSIGNMENT

Patents and Patent Applications

Publication Number	Application Number	Title	Application Date	Publication Date	Patent No.	Issue Date	Priority App. No.	Priority App. Date
US20170078593A1	US14/855742	3D SPHERICAL IMAGE SYSTEM	2015-09-16	2017-03-16				
US20180046733A1	US15/232903	METHODS FOR GENERATING A FLOOR PLAN FROM A BUILDING SCAN	2016-08-10	2018-02-15	10210285	2019-02-19		
US20180039713A1	US15/226878	BUILDING SCAN WINDOW DETECTION	2016-08-02	2018-02-08	10204185	2019-02-12		
US20180096525A1	US15/820382	METHOD FOR GENERATING AN ORDERED POINT CLOUD USING MOBILE SCANNING DATA	2017-11-21	2018-04-05			62306968; 15/095,088	2016-03-11; 2016-04-10
US9098229	US13/888156	SINGLE IMAGE POSE ESTIMATION OF IMAGE CAPTURE DEVICES	2013-05-06	2014-07-31	9098229	2015-08-04	61/643,108	2012-05-04
US10127718	US14/947869	METHODS FOR INDOOR 3D SURFACE RECONSTRUCTION AND 2D FLOOR PLAN RECOVERY UTILIZING SEGMENTATION OF BUILDING AND OBJECT ELEMENTS	2015-11-20	2017-05-25	10127718	2018-11-13		
US10120397	US15/042074	INTERIOR CLIMATE CONTROL UTILIZING MULTIMODAL SENSOR POSITIONING	2016-02-11	2018-11-06	10120397	2018-11-06		
US20180165871A1	US15/376793	POINT CLOUD CLEANING METHOD	2016-12-13	2018-06-14				
US9953430	US14/927239	METHODS FOR DETECTING LUMINARY FIXTURES	2015-10-29	2018-04-24	9953430	2018-04-24		
US20170263052A1	US15/095088	METHOD FOR GENERATING AN ORDERED POINT CLOUD USING MOBILE SCANNING DATA	2016-04-10	2017-09-14			62/306,968	2016-03-11