

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2645182

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIRTT ENVIRONMENTAL SOLUTIONS, LTD	12/10/2013
RECEIVING PARTY DATA	
Name:	ICE EDGE BUSINESS SOLUTIONS, LTD.
Street Address:	7303 30TH STREET S.E.
City:	CALGARY
State/Country:	CANADA
Postal Code:	T2C 1N6
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	13579261
PCT Number:	US1241906
Application Number:	14110533
Application Number:	14110910
PCT Number:	US1324009
Application Number:	14111669
PCT Number:	US1324063
PCT Number:	US1343735
Application Number:	14115299
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
Phone:	801-533-9800
Email:	knakagama@wnlaw.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	WORKMAN NYDEGGER
Address Line 1:	60 E. SOUTH TEMPLE

OP \$360.00 13579261

Address Line 2: SUITE 1000  
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 16196.30.1

NAME OF SUBMITTER: MICHAEL J. FRODSHAM

Signature: /Michael J. Frodsham/

Date: 12/11/2013

**Total Attachments: 3**

source=16196-30-1\_Assignment\_Dirtt-to-Ice#page1.tif

source=16196-30-1\_Assignment\_Dirtt-to-Ice#page2.tif

source=16196-30-1\_Assignment\_Dirtt-to-Ice#page3.tif

WHEN RECORDED RETURN TO:

PATENT APPLICATION

Workman Nydegger  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, UT 84111

**ASSIGNMENT**

WHEREAS, Assignor, DIRT ENVIRONMENTAL SOLUTIONS, LTD., a corporation of Canada, having a principal place of business at 7303-30<sup>th</sup> Street S.E., Calgary, Alberta, Canada T2C 1N6, is the owner of record of the pending United States and foreign patent applications and issued patents listed in the attached Schedule A.

WHEREAS, Assignee, ICE EDGE BUSINESS SOLUTIONS, LTD., a corporation of Canada, having a principle place of business at 7303-30<sup>th</sup> Street S.E., Calgary, Alberta, Canada T2C 1N6 desires to secure the entire right, title and interest in the listed patent applications and issued patents.

THEREFORE, in exchange for good and valuable consideration paid to us by Assignee, the receipt and sufficiency of which we hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO ASSIGNEE:

The entire right, title and interest in the invention in the listed patent or patent application(s) listed in Schedule A, and in all corresponding national stage applications, divisions, continuations and continuations-in-part of the application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International convention for such applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks and such Patent Office officials in foreign countries as are duly authorized by their

patent laws to issue patents to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use of Assignee, its successors, assigns and legal representatives.

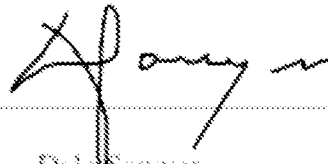
Assignor hereby agrees, without further consideration and without expense, to sign all lawful papers and to perform all other lawful acts which Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue and other United States and foreign patent applications on the invention, and all lawful documents requested by Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension or infringement proceedings involving the invention.

DATED December 10, 2013

DIRTT ENVIRONMENTAL SOLUTIONS, LTD



By: Dale Sawyer

Title: Director of Business Development

4362215\_1 DEX

**SCHEDULE A**

<b>WN Reference</b>	<b>Country</b>	<b>Serial No.</b>	<b>Filed</b>	<b>Title</b>
16196.43a.1	US	13/579,261	August 15, 2012	Automated Re-Use Of Structural Components
16196.43a	PCT	PCT/US12/41906	June 11, 2012	Modular Wall Nesting System
16196.63a.1	US	14/110,533	October 8, 2013	Efficient Lighting Effects In Design Software
16196.64a.1	US	14/110,910	October 9, 2013	Method And System For Efficient Modeling Of Specular Reflection
16196.64a	PCT	PCT/US13/24009	January 31, 2013	Method And System For Efficient Modeling Of Specular Reflection
16196.65a.1	US	14/111,669	October 14, 2013	Visual Distortion Effects Through Translucent Structures In Design Software
16196.65a	PCT	PCT/US13/24063	January 31, 2013	Visual Distortion Effects Through Translucent Structures In Design Software
16196.86a	PCT	PCT/US13/43735	May 31, 2013	Associating Computer-Executable Objects With Three-Dimensional Spaces Within An Architectural Design Environment
16196.86a.1	US	14/115,299	November 1, 2013	Associating Computer-Executable Objects With Three-Dimensional Spaces Within An Architectural Design Environment