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To the Director of the U.S. Patent and Trademark Office: Please	2. Name and address of receiving party(1es):
1. Name of conveying party(ies):	Name: Black Hills IP Holdings, LLC
Steven W. Lundberg	Street Address: 1600 TCF Tower 121 South Eighth Street
Additional name(s) of conveying party(les) attached?	Giru Minneapolis State: MN Zip: 55402
[ ]Yes [X]No	Country: United States of Amount
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No
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Execution Date: March 9, 2012	
4. Application number(s) or patent number(s):  If this document is being filed together with a new application	n, the execution date of the application is:
	B. Patent No.(s)
A. Patent Application No.(s)	
Serial No. 13/310,279, filed December 2, 2011	
Additional numbers attached? [ ]Yes [X]No	for all configurations and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Piers A. Blewett

Address:

Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 Minneapolis, MN 55402--0938

- Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41):\$ 40.00

[]Enclosed

[X]Authorized to be charged to deposit account 19-0743

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**PATENT REEL: 028672 FRAME: 0143** 

Attorney Docket No. 3431.018US1

## ASSIGNMENT

WHEREAS, I, Steven W. Lundberg, residing at 4517 Arden Avenue, Edina, MN 55424, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on December 2, 2011, which application was assigned U.S. patent application serial number 13/310,279, and is entitled <u>PATENT MAPPING:</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to <u>Black Hills IP Holdings</u>, <u>LLC</u> (the "Assignee"), a corporation of the State of <u>Minnesota</u>, having a place of business at <u>1600</u> <u>TCF Tower</u>, <u>121 South Eighth Street</u>, <u>Minneapolis</u>, <u>MN 55402</u>, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and improvements which are disclosed in the identified application and all divisional, continuing, which may be further identified below; such application and all divisional, continuing, which may be further identified below; such applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

## Additional Application Information

U.S. Provisional Application Serial No. 61/542,515, filed on October 3, 2011.

U.S. Provisional Application Serial No. 61/561,502, filed on November 18, 2011. No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

PATENT REEL: 028672 FRAME: 0144 ASSIGNMENT
Assignors: Steven W. Lundberg et al.
Title: PATENT MAPPING
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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned and other papers; (3) communicate to the Assignee all facts known to the undersigned and other papers; (4) cooperate with the Assignee in relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT
Assignors: Steven W. Lundberg et al.
Title: PATENT MAPPING
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(Signature):
Name: Steven W. Lundberg

Docket No: 3431.018US1
Serial Number: 13/310,279

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(Signature):
Name: Steven W. Lundberg

Date:

Signature/Date

Full Name (Printed)

PATENT REEL: 028672 FRAME: 0146