

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4701530

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN HULL	11/16/2016
SEYED EHSAN JALILIAN	11/16/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HIFI ENGINEERING INC.
<b>Street Address:</b>	#2, 816 - 46TH AVENUE SE
<b>City:</b>	CALGARY, ALBERTA
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	T2G 2AG
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15575981
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
<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>	
<b>Phone:</b>	503-595-5300
<b>Email:</b>	christine.wolfe@klarquist.com
<b>Correspondent Name:</b>	JEFFREY HAENDLER, KLARQUIST SPARKMAN LLP
<b>Address Line 1:</b>	121 SW SALMON STREET, SUITE 1600
<b>Address Line 2:</b>	ONE WORLD TRADE CENTER
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<b>ATTORNEY DOCKET NUMBER:</b>	3435-99974-01
<b>NAME OF SUBMITTER:</b>	JEFFREY B. HAENDLER
<b>SIGNATURE:</b>	/Jeffrey B. Haendler/
<b>DATE SIGNED:</b>	11/22/2017
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, WE: **John Hull** of c/o #2, 816 – 46<sup>th</sup> Avenue SE, Calgary, Alberta, Canada T2G 2A6 and **Seyed Ehsan Jalilian** of c/o #2, 816 – 46<sup>th</sup> Avenue SE, Calgary, Alberta, Canada T2G 2A6 have invented an invention entitled: **METHODS AND SYSTEMS USING OPTICAL FIBER INTERFEROMETRY** ("Invention"), for which an applications for Letters Patent have been filed, as follows:

United States Patent and Trademark Office on May 21, 2015 under serial no. 62/165,073; and

Canadian Receiving Office on May 19, 2016 under serial No. PCT/CA2016/050560;

WHEREAS, **Hifi Engineering Inc.** (hereinafter referred to as "ASSIGNEE") having a place of business at #2, 816 – 46<sup>th</sup> Avenue SE, Calgary, Alberta, Canada T2G 2A6 is desirous of confirming that it has acquired and has had assigned to it, and by way of further assurances is desirous of acquiring and having assigned to it, the full right, title, and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS we have agreed to make such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we hereby confirm that we have sold, assigned, and transferred absolutely, and by way of further assurances do hereby sell, assign, and transfer absolutely to the ASSIGNEE the full and exclusive right, title, and interest in and to: (a) the Invention worldwide; (b) any and all patent applications, which is hereby deemed to include any and all industrial design applications, for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-parts, provisionals, non-provisionals, substitutions, and renewals thereof; (c) all Letters Patent, which is hereby deemed to include all industrial designs, which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

We hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, we agree that we will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisional, continuation, continuation-in-part, extension, renewal, provisional, non-provisional or substitute thereof, and

the Letters Patent including any renewal, re-examination, extension, and reissue of said Letters Patent, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of Gowling WLG (Canada) LLP to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

This Assignment may be executed in one or more counterparts, by original signature or electronic copy thereof, each of which will be deemed to be an original, and all such counterparts will together constitute a single instrument.

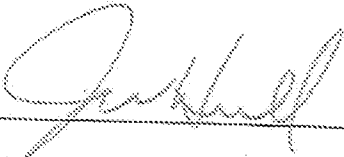
[SIGNATURE PAGE FOLLOWS IMMEDIATELY]

EXECUTED at CALGARY, AB this 16<sup>th</sup>  
day of November, 2016.

Witness:

Inventor:

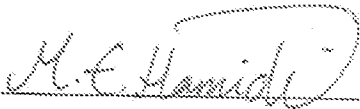
  
\_\_\_\_\_  
Print Name: Eldon Rauloigh

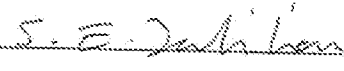
  
\_\_\_\_\_  
John Hull

EXECUTED at Brisbane, QLD this 16<sup>th</sup>  
day of November, 2016.

Witness:

Inventor:

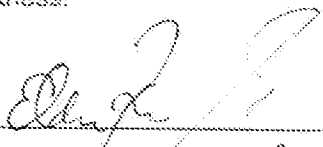
  
\_\_\_\_\_  
Print Name: MARYAM HAMIDI

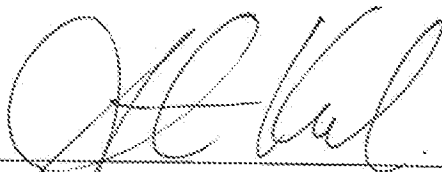
  
\_\_\_\_\_  
Seyed Ehsan Jalilian

Acknowledged and Accepted by the ASSIGNEE:

EXECUTED at CALGARY, AB this 17<sup>th</sup>  
day of November, 2016.

Witness:

  
\_\_\_\_\_  
Print Name: Eldon Rauloigh

  
\_\_\_\_\_  
Wifi Engineering Inc.  
Print Name: Steven Kales  
Position: CEO