PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAI XIAO	09/29/2014
JIE HUANG	09/29/2014
XINWEI LAN	09/29/2014

RECEIVING PARTY DATA

Name:	HABSONIC LLC
Street Address:	604 GERMANN CT.
City:	ROLLA
State/Country:	MISSOURI
Postal Code:	65401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14282919

CORRESPONDENCE DATA

Fax Number: (913)647-9057

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: 913 647-9050

Email: awilliams@hoveywilliams.com THOMAS B. LUEBBERING **Correspondent Name:**

10801 MASTIN BLVD., SUITE 1000 Address Line 1: Address Line 4: **OVERLAND PARK, KANSAS 66210**

ATTORNEY DOCKET NUMBER:	45365
NAME OF SUBMITTER:	THOMAS B. LUEBBERING
SIGNATURE:	/Thomas B. Luebbering/
DATE SIGNED:	09/29/2014

Total Attachments: 5

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PATENT

REEL: 033842 FRAME: 0848

ASSIGNMENT

WHEREAS, WE, Hai Xiao, of Rolla, MO, Jie Huang, of Rolla, MO, and Xinwei Lan of Rolla, MO have invented certain new and useful improvements in

OPTICAL CARRIER BASED MICROWAVE

INTERFEROMETRIC SYSTEM AND METHOD

which is the subject of U.S. Patent Application No. 14/282,919, filed May 20, 2014; and

WHEREAS, Habsonic LLC, a limited liability company duly organized under the laws of the State of Missouri, and having its principal place of business at 604 Germann Ct., Rolla, MO 65401, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, WE, Hai Xiao, of Rolla, MO, Jie Huang, of Rolla, MO, and Xinwei Lan, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Habsonic LLC, the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in said Application;
- (b) said Application Serial No. 14/282,919, filed May 20, 2014;
- (c) any and all refilings, divisions, and continuations of said Application;
- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent on said invention that have been, or may be, filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;
 - (h) any and all Letters Patent of countries foreign to the United States of America that

may issue from said foreign-filed applications, refilings, divisions, and continuations; and

(i) any and all extension of, and additions to, said Letters Patent of countries foreign

PATENT REEL: 033842 FRAME: 0849 to the United States of America.

ALL of the above shall be held and enjoyed by said Habsonic LLC for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

Assignor(s) further agree to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Assignee's rights in the rights assigned herein.

Executed this 29th day of September., 2014.

Hai Xiao

STATE OF S.C.)

SS.

COUNTY OF PICKENS)

On this 29 th day of Sopt, 2014, before me personally appeared Hai Xiao, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set

forth.

Notary Public

Rauhl White

RACHEL WHITE

Notary Public - State of South Carolina My Commission Expires: My Commission Expires February 15, 2021

Executed this 2/th day of September, 2014.
Jie Huang
STATE OF S.C.) SS. COUNTY OF P.CKENS)
On this 29th day of Sept., 2014, before me personally appeared Jie Huang, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set
forth. Rankel White
Notary Public
My Commission Expires Notary Public - State of South Carolina My Commission Expires February 15, 2021

PATENT REEL: 033842 FRAME: 0851

Executed this 29th day of September, 2014.
Xinwei Lan
STATE OF S.C.)
STATE OF S.C.) SS. COUNTY OF BILLENS)
On this 37th day of Sept., 2014, before me personally appeared Xinwei Lan, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes
therein set forth.
Rakel White
Notally Fubility
My Commission Expires: Notary Public - State of South Carolina My Commission Expires February 15, 2021

PATENT REEL: 033842 FRAME: 0852 Habsonic LLC hereby declares it accepts the rights and property hereby assigned and transferred to it.

HABSONIC LLC

Hai Xiao

PATENT REEL: 033842 FRAME: 0853

RECORDED: 09/29/2014