

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2684360

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HAIM HAREL</td> <td>04/30/2013</td> </tr> <tr> <td>EDUARDO ABREU</td> <td>04/18/2013</td> </tr> <tr> <td>KENNETH KLUDT</td> <td>04/18/2013</td> </tr> <tr> <td>PHIL F. CHEN</td> <td>04/22/2013</td> </tr> <tr> <td>SHERWIN J. WANG</td> <td>04/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	HAIM HAREL	04/30/2013	EDUARDO ABREU	04/18/2013	KENNETH KLUDT	04/18/2013	PHIL F. CHEN	04/22/2013	SHERWIN J. WANG	04/22/2013
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<table border="1"> <tr> <td>Name:</td> <td>MAGNOLIA BROADBAND INC.</td> </tr> <tr> <td>Street Address:</td> <td>74 GRAND AVENUE, 2ND FLOOR</td> </tr> <tr> <td>City:</td> <td>ENGLEWOOD</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07631</td> </tr> </table>		Name:	MAGNOLIA BROADBAND INC.	Street Address:	74 GRAND AVENUE, 2ND FLOOR	City:	ENGLEWOOD	State/Country:	NEW JERSEY	Postal Code:	07631		
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CORRESPONDENCE DATA													
Fax Number:	(646)878-0801												
Phone:	646-878-0800												
Email:	USPTO@pearlcohen.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	PEARL COHEN ZEDEK LATZER BARATZ LLP												
Address Line 1:	1500 BROADWAY												
Address Line 2:	12TH FLOOR												
Address Line 4:	NEW YORK, NEW YORK 10036												
ATTORNEY DOCKET NUMBER:	P-76881-US1												
NAME OF SUBMITTER:	LAURA SAPORTA												

PATENT

Signature:	/LSP/
Date:	01/16/2014
<b>Total Attachments: 6</b> source=P-76881-US-FASS#page1.tif source=P-76881-US-FASS#page2.tif source=P-76881-US-FASS#page3.tif source=P-76881-US-FASS#page4.tif source=P-76881-US-FASS#page5.tif source=P-76881-US-FASS#page6.tif	

**ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, I the undersigned, Haim HAREL residing at 36 White Street, Apt. 4, New York, NY 10013, USA; Eduardo ABREU residing at 1166-P S Cedar Crest Blvd., Allentown, PA 18103, USA; Kenneth KLUDT residing at 7060 Via Belmonte, San Jose, CA 95135, USA; Phil F. CHEN residing at 2 Farmstead Road, Denville, NJ 07834, USA; Sherwin J. WANG residing at 17 Herman Way, Towaco, NJ 07082, USA

Hereby sell, assign and transfer to Magnolia Broadband Inc., located at 74 Grand Avenue, 2nd Floor, Englewood, NJ 07631, USA its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. (13/888,057) filed (May 6, 2013) and being entitled:

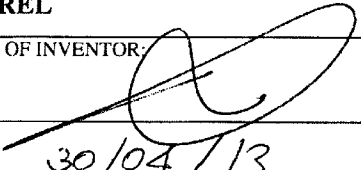
**MULTI-BEAM MIMO TIME DIVISION DUPLEX BASE STATION USING SUBSET OF  
RADIO**


and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application, including but not limited to prior US Provisional Applications 61/762,486 filed on February 8, 2013 and 61/811,751 filed on April 14, 2013; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and including the Assignor's right in and to all revenue, income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment. I hereby authorize and request the attorney of record of the firm Pearl Cohen Zedek Latzer, LLP, 1500 Broadway, 12<sup>th</sup> Floor, New York, New York 10036, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

FULL NAME OF INVENTOR: <b>Haim HAREL</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR: 	SIGNATURE OF WITNESS:
DATE: <u>30/04/13</u> (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Eduardo ABREU</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR: 	SIGNATURE OF WITNESS:
DATE: <u>12/4/2013</u> (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Kenneth KLUDT</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: _____ (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Phil F. CHEN</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: _____ (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Sherwin J. WANG</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: _____ (day / month / year)	ADDRESS OF WITNESS:

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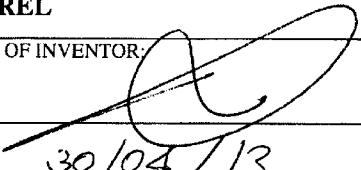
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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application, including but not limited to prior US Provisional Applications 61/762,486 filed on February 8, 2013 and 61/811,751 filed on April 14, 2013; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and including the Assignor's right in and to all revenue, income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment. I hereby authorize and request the attorney of record of the firm Pearl Cohen Zedek Latzer, LLP, 1500 Broadway, 12<sup>th</sup> Floor, New York, New York 10036, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

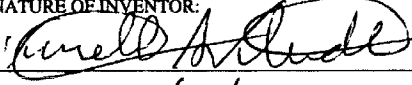
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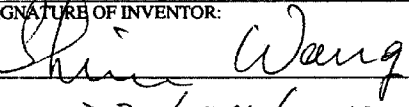
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FULL NAME OF INVENTOR: <b>Eduardo ABREU</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
DATE: _____ (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Kenneth KLUDE</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR: 	SIGNATURE OF WITNESS:
DATE: <u>18/04/2013</u> (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Phil F. CHEN</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR: 	SIGNATURE OF WITNESS:
DATE: <u>22/04/2013</u> (day / month / year)	ADDRESS OF WITNESS:

FULL NAME OF INVENTOR: <b>Sherwin J. WANG</b>	FULL NAME OF WITNESS:
SIGNATURE OF INVENTOR: 	SIGNATURE OF WITNESS:
DATE: <u>22/04/2013</u> (day / month / year)	ADDRESS OF WITNESS: