## 502033533 08/22/2012

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Haim HAREL	05/24/2010
Phil F. CHEN	05/24/2010
Sherwin J. WANG	05/24/2010
Eduardo ABREU	05/24/2010

## RECEIVING PARTY DATA

Name:	Magnolia Broadband Inc.
Street Address:	10 Independence Blvd
Internal Address:	Suite 130
City:	Warren
State/Country:	NEW JERSEY
Postal Code:	07059

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13589511

#### CORRESPONDENCE DATA

 Fax Number:
 2126843999

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 212-684-3900

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 spiperno@grr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Barry R. Lewin

Address Line 1: Gottlieb Rackman & Reisman, PC

Address Line 2: 270 Madison Avenue

Address Line 4: New York, NEW YORK 10016

ATTORNEY DOCKET NUMBER:	8233-0019 USCON4
NAME OF SUBMITTER:	Barry R. Lewin

Total Attachments: 3

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PATENT

REEL: 028829 FRAME: 0067

OF \$40.00 13589511

502033533

Docket No.: P-73776-US

# **ASSIGNMENT**

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

Hereby sell, assign and transfer to Magnolia Broadband Inc., located at 10 Independence Blvd., Suite 130, Warren, NJ 07059, 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. 12/766,725 filed April 23, 2010 and is entitled

# SYSTEM, METHOD AND APPARATUS FOR MOBILE TRANSMIT DIVERSITY USING SYMMETRIC PHASE DIFFERENCE

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; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

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

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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.

PULL NAME OF INVENTOR:	FULL NAME OF WITNESS	
HAREL, Haim		
SIGNATURE OF INVENTOR:	EIGNATURE OF WITNESS:	
DATE: 24/05/2010	ADDRÉSS OF WITNESS:	
FULL NAME OF INVENTOR:	FULL NAME OF WITNESS:	
CHEN, Phil F.		
SIGNATURE OF INVENTOR	SIGNATURE OF WITNESS:	
DATE: <u>20/05/10</u> (day / month / year)	ADDRESS OF WITNESS:	

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FULL NAME OF INVENTOR:	
\$ to the control of	FULL NAME OF WITNESS:
WANG, Sherwin, J.	
SIGNATURE OF INVENTOR:	SIGNATURE OF WITNESS:
Ata aby	
DATE 24/05/10	ADDRESS OF WITNESS;
(day / month / year)	

	FULL NAME OF INVENTOR:	FULL NAME OF WITNESS:
	ABREU, Eduardo	
	SIGNATURE OF INVENTOR	SIGNATURE OF WITNESS:
***************************************	DATE 24/05/10	ADDRESS OF WITNESS:
*******	(day / munth / year)	