

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Naofal Al-Dhahir</td> <td>10/31/2012</td> </tr> <tr> <td>Aditya Awasthi</td> <td>10/31/2012</td> </tr> <tr> <td>Oren E. Eliezer</td> <td>10/31/2012</td> </tr> <tr> <td>Zahid Islam</td> <td>10/31/2012</td> </tr> <tr> <td>Dennis I. Robbins</td> <td>10/31/2012</td> </tr> <tr> <td>Ahmad Gomaa</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Naofal Al-Dhahir	10/31/2012	Aditya Awasthi	10/31/2012	Oren E. Eliezer	10/31/2012	Zahid Islam	10/31/2012	Dennis I. Robbins	10/31/2012	Ahmad Gomaa	12/04/2012
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<table border="1"> <tr> <td>Name:</td> <td>XW, LLC d/b/a Xtendwave</td> </tr> <tr> <td>Street Address:</td> <td>7920 Belt Line Road, Suite 1000</td> </tr> <tr> <td>City:</td> <td>Dallas</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75254</td> </tr> </table>		Name:	XW, LLC d/b/a Xtendwave	Street Address:	7920 Belt Line Road, Suite 1000	City:	Dallas	State/Country:	TEXAS	Postal Code:	75254				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
Fax Number:	9724808865														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	972-480-8800														
Email:	liz.schumacher@hittgaines.com														
Correspondent Name:	HITT GAINES P.C.														
Address Line 1:	P.O. BOX 832570														
Address Line 4:	RICHARDSON, TEXAS 75083														
ATTORNEY DOCKET NUMBER:	XTND-0015														
NAME OF SUBMITTER:	David H. Hitt														

CH \$40.00 13667794

Total Attachments: 7

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ASSIGNMENT

For value received, we Naofal Al-Dhahir a citizen of USA in the County of Collin and the State of Texas and Aditya Awasthi a citizen of India in the County of Collin and the State of Texas and Oren E. Eliezer a citizen of USA in the County of Collin and the State of Texas and Zahid Islam a citizen of Bangladesh in the County of Collin and the State of Texas and Dennis I. Robbins a citizen of USA in the County of Dallas and the State of Texas and Ahmad Gomaa, a citizen of Egypt resident of Egypt, hereby sell, assign and transfer to XW, LLC d/b/a Xtendwave, a corporation of MI, having an office at 7920 Belt Line Road, Suite 1000, Dallas, TX 75254, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to "INTRA-CELL AND INTER-CELL INTERFERENCE MITIGATION METHODS FOR ORTHOGONAL FREQUENCY-DIVISION MULTIPLE ACCESS CELLULAR NETWORKS" described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to XW, LLC d/b/a Xtendwave the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize XW, LLC d/b/a Xtendwave to make application for such protection in its own name and maintain such protection in any and all foreign countries to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of XW, LLC d/b/a Xtendwave to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to XW, LLC d/b/a Xtendwave in the United States and in all countries foreign to the United States, or to such nominees as XW, LLC d/b/a Xtendwave may designate.

We agree that, when requested, I shall, without charge to XW, LLC d/b/a Xtendwave but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

N-m.w. AlDhahir

Naofal Al-Dhahir

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State of Texas

On this 31st day of Oct, 2012, before me personally came Naofal Al-Dhahir, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Alcristhi

Witness

XW, LLC d/b/a Xtendwave
7920 Belt Line Road, Suite 1000
Dallas, TX 75254

Aditya Awasthi

Aditya Awasthi

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State of Texas

On this 31st day of Oct, 2012, before me personally came Aditya Awasthi, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

ii. M. Zahid Islam

Witness
(Zahid Islam)

XW, LLC d/b/a Xtendwave
7920 Belt Line Road, Suite 1000
Dallas, TX 75254

Oren E. Eliezer
Oren E. Eliezer

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State of Texas

On this 31st day of October, 2012, before me personally came Oren E. Eliezer, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Zahid Islam
Witness
(Zahid Islam)

XW, LLC d/b/a Xtendwave
7920 Belt Line Road, Suite 1000
Dallas, TX 75254

U. M. Zahid Islam

Zahid Islam

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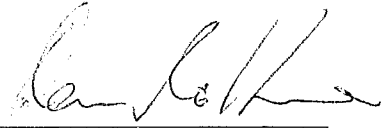
State of Texas

On this 31st day of Oct, 2012, before me personally came Zahid Islam, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]

Witness

XW, LLC d/b/a Xtendwave
7920 Belt Line Road, Suite 1000
Dallas, TX 75254

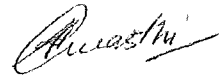


Dennis I. Robbins

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State of Texas

On this 31st day of Oct, 2012, before me personally came Dennis I. Robbins, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Witness

XW, LLC d/b/a Xtendwave
7920 Belt Line Road, Suite 1000
Dallas, TX 75254

Ahmad Goma

Ahmad Goma

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On this 4th day of December, 2012, before me personally came Ahmad Goma, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Ahmedipour

Witness

Alireza Ghaderipour

XW, LLC d/b/a Xtendwave
7920 Belt Line Road, Suite 1000
Dallas, TX 75254