

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sudheer A. Grandhi</td> <td>02/27/2007</td> </tr> <tr> <td>Mohammed Sammour</td> <td>03/01/2007</td> </tr> <tr> <td>Joseph S. Levy</td> <td>02/27/2007</td> </tr> </tbody> </table>		Name	Execution Date	Sudheer A. Grandhi	02/27/2007	Mohammed Sammour	03/01/2007	Joseph S. Levy	02/27/2007
Name	Execution Date								
Sudheer A. Grandhi	02/27/2007								
Mohammed Sammour	03/01/2007								
Joseph S. Levy	02/27/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	InterDigital Technology Corporation								
<b>Street Address:</b>	3411 Silverside Road								
<b>Internal Address:</b>	Concord Plaza, Suite 105, Hagley Building								
<b>City:</b>	Wilmington								
<b>State/Country:</b>	DELAWARE								
<b>Postal Code:</b>	19810								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11618328</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11618328				
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Application Number:	11618328								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(215)568-6499								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	2155686400								
<b>Email:</b>	SWolinsky@volpe-koenig.com								
<b>Correspondent Name:</b>	Volpe and Koenig, P.C.								
<b>Address Line 1:</b>	30 South 17th Street								
<b>Address Line 2:</b>	United Plaza, Suite 1600								
<b>Address Line 4:</b>	Philadelphia, PENNSYLVANIA 19103								
<b>ATTORNEY DOCKET NUMBER:</b>	ITC-2-1014.02.US								
<b>NAME OF SUBMITTER:</b>	Scott Wolinsky								

**CH \$40.00 11618328**

**Total Attachments: 4**

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**ASSIGNMENT**

Sudheer A. Grandhi, residing at 1605 North James Street, Mamaroneck, New York, 10543, a citizen of the United States of America; Mohammed Sammour, residing at 2555 Modugno, Apartment #705, Montreal, Quebec, Canada, H4R 2L5, a citizen of Canada; and Joseph S. Levy, residing at 26 East Webster Street, Merrick, New York, 11566, a citizen of the United States of America, (hereafter jointly and severally referred to as the undersigned), are the inventors of

**METHODS AND SYSTEMS FOR PROVIDING EFFICIENT OPERATION OF  
MULTIPLE MODES IN A WLAN SYSTEM**

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 11/618,328, filed December 29, 2006.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

InterDigital Technology Corporation, a Delaware corporation, having a principal place of business at 3411 Silverside Road, Concord Plaza, Suite 105, Hagley Building, Wilmington, Delaware 19810, USA, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in said invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 27<sup>th</sup> day of February,  
2007 at Melville, NY.  
(Place)

Witness:

Angela Torio

[Signature] (L.S.)  
Sudheer A. Grandhi

State of New York  
County of Suffolk

ss.

On this 27 day of February, 2007 before me personally appeared Sudheer A. Grandhi, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he/she executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

Maureen Borrero  
Notary Public

My Commission Expires:  
May 1, 2010

MAUREEN BORRERO  
Notary Public - State of New York  
No. 01BO6145147  
Qualified in Suffolk County  
Commission Expires May 1, 2010

EXECUTED under seal on this 1<sup>st</sup> day of March,  
2007 at Montreal, QC  
(Place)

Witness:

M. Massonneuve  
Melissa Massonneuve

me (L.S.)  
Mohammed Sammour

State of Province of Quebec

County of Municipality of Montreal

On this 1<sup>st</sup> day of March, 2007 before me personally appeared Mohammed Sammour, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he/she executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

M. Liberatore  
Notary Public



My Commission Expires:  
13 Sept 2007

EXECUTED under seal on this 27<sup>th</sup> day of February,  
2007 at Melville, NY  
(Place)

Witness:

Angela Torio

Joseph S. Levy (L.S.)  
Joseph S. Levy

State of New York  
County of Suffolk ss.

On this 27 day of February, 2007 before me personally appeared Joseph S. Levy, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he/she executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

My Commission Expires:

May 1, 2010

Maureen Borrero  
Notary Public

**MAUREEN BORRERO**  
Notary Public - State of New York  
No. 01B06145147  
Qualified in Suffolk County  
Commission Expires May 1, 2010