

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alexander Reznik</td> <td>08/26/2009</td> </tr> <tr> <td>Joseph S. Levy</td> <td>09/10/2009</td> </tr> <tr> <td>Yogendra C. Shah</td> <td>09/04/2009</td> </tr> <tr> <td>Suhas Mathur</td> <td>01/30/2010</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Reznik	08/26/2009	Joseph S. Levy	09/10/2009	Yogendra C. Shah	09/04/2009	Suhas Mathur	01/30/2010
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Alexander Reznik	08/26/2009										
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Suhas Mathur	01/30/2010										
<b>RECEIVING PARTY DATA</b>											
Name:	InterDigital Patent Holdings, Inc.										
Street Address:	3411 Silverside Road, Concord Plaza										
Internal Address:	Suite 105, Hagley Building										
City:	Wilmington										
State/Country:	DELAWARE										
Postal Code:	19810										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12499530</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12499530						
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Application Number:	12499530										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(215)568-6499										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	215-568-6400										
Email:	AKline@volpe-koenig.com										
Correspondent Name:	Volpe and Koenig, P.C.										
Address Line 1:	30 South 17th Street										
Address Line 2:	United Plaza, Suite 1600										
Address Line 4:	Philadelphia, PENNSYLVANIA 19103										
ATTORNEY DOCKET NUMBER:	IPH-2-2123US02-ADK/KLL										
NAME OF SUBMITTER:	Adam D. Kline										

CH \$40.00 12499530

**Total Attachments: 6**

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## ASSIGNMENT

Alexander Reznik, residing at 1212 River Road, Titusville, New Jersey 08560, the United States of America, a citizen of the United States of America; Joseph S. Levy, residing at 26 East Webster Street, Merrick, New York 11566, the United States of America, a citizen of the United States of America; Yogendra C. Shah, residing at 10 Regency Court, Exton, Pennsylvania 19341, the United States of America, a citizen of Great Britain; and Suhas Mathur, residing at 402 Merrywood Drive, Edison, New Jersey 08817, the United States of America, a citizen of India, (hereafter jointly and severally referred to as the undersigned), are the inventors of

### SUPPORT OF PHYSICAL LAYER SECURITY IN WIRELESS LOCAL AREA NETWORKS

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 12/499,530, filed July 8, 2009.

InterDigital Patent Holdings, Inc., 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.

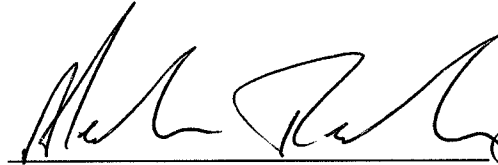
The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 26<sup>th</sup> day of August,

2009 at King of Prussia  
(Place)

Witness:

Rebecca M. Swavely

 (L.S.)  
Alexander Reznik

State of Pennsylvania

ss.

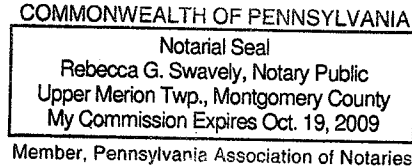
County of Montgomery

On this 26<sup>th</sup> day of August, 2009 before me personally appeared Alexander Reznik, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he 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.

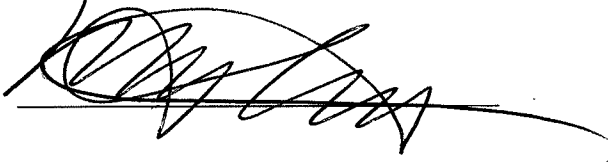
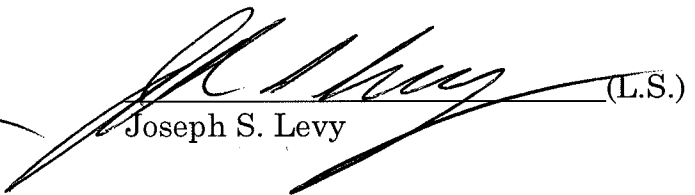
Rebecca M. Swavely  
Notary Public

My Commission Expires:  
October 19, 2009



EXECUTED under seal on this 10 day of September,  
2009 at Melville, NY  
(Place)

Witness:

  
 (L.S.)  
Joseph S. Levy

State of New York  
County of Suffolk ss.

On this 10 day of September, 2009 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 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.

  
Notary Public

My Commission Expires:

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

EXECUTED under seal on this 4<sup>th</sup> day of September,  
2009 at King of Prussia, Pennsylvania  
(Place)

Witness:

Amy L. Serhienko

Y. Shah (L.S.)  
Yogendra C. Shah

Commonwealth  
State of Pennsylvania  
County of Montgomery

ss.

On this 4<sup>th</sup> day of September, 2009 before me personally appeared  
Yogendra C. Shah, 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:  
June 12, 2011

Amy L. Serhienko  
Notary Public  
COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Amy L. Serhienko, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires June 12, 2011  
Member, Pennsylvania Association of Notaries

EXECUTED under seal on this 30<sup>th</sup> day of JANUARY,

2010  
~~2009~~ at EDISON, NJ  
(Place)

Witness:

*Edward Robert Chalupa*

*Suhas Mathur* (L.S.)  
Suhas Mathur

**JAN 30 2010**

State of New Jersey

ss.

County of Somerset

On this 30<sup>th</sup> day of JANUARY, ~~2009~~ 2010 before me personally appeared Suhas Mathur, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he 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.

*Edward Robert Chalupa*

Notary Public

My Commission Expires: SEPT 15, 2010

EDWARD ROBERT CHALUPA  
NOTARY PUBLIC OF NEW JERSEY  
COUNTY OF SOMERSET  
MY COMMISSION EXPIRES SEPTEMBER 15, 2010