

**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>Alexander Reznik</td> <td>07/31/2006</td> </tr> <tr> <td>Zhenyu Tu</td> <td>06/07/2006</td> </tr> <tr> <td>Guodong Zhang</td> <td>06/06/2006</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Reznik	07/31/2006	Zhenyu Tu	06/07/2006	Guodong Zhang	06/06/2006
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Alexander Reznik	07/31/2006								
Zhenyu Tu	06/07/2006								
Guodong Zhang	06/06/2006								
<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>11321806</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11321806				
Property Type	Number								
Application Number:	11321806								
<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-2-0932.01.US								
<b>NAME OF SUBMITTER:</b>	Scott Wolinsky								

CH \$40.00 11321806

Total Attachments: 4

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## ASSIGNMENT

Alexander Reznik, residing at 1212 River Road, Titusville, New Jersey 08560, a citizen of the United States of America; Zhenyu Tu, residing at 15 Duh Drive, Apt. 132, Bethlehem, Pennsylvania 18015, a citizen of China; and Guodong Zhang, residing at 490 Main Street, Apt. C8, Farmingdale, New York 11735, a citizen of China, (hereafter jointly and severally referred to as the undersigned), are the inventors of

### METHOD AND APPARATUS FOR RATE COMPATIBLE DIRTY PAPER CODING

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 11/321,806, filed December 29, 2005.

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 31<sup>st</sup> day of July,  
2006 at King of Prussia, PA  
(Place)

Witness:

Amy L. Bean

Alexander Reznik (L.S.)  
Alexander Reznik

State of Pennsylvania  
County of Montgomery ss.

On this 31<sup>st</sup> day of July, 2006 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.

Lucy Ann Mahjoubian  
Notary Public  
COMMONWEALTH OF PENNSYLVANIA

My Commission Expires:

Notarial Seal  
Lucy Ann Mahjoubian, Notary Public  
Upper Merion Twp., Montgomery County  
My Commission Expires July 7, 2007  
Member, Pennsylvania Association of Notaries

EXECUTED under seal on this 7 day of June, 2006,  
2000 at Northampton County Lehigh University  
(Place)

Witness:

Patricia Kardianis

Zhenyu Tu (L.S.)  
Zhenyu Tu

State of Pennsylvania  
County of Northampton ss.

On this 7 day of June, 2006 before me personally appeared Zhenyu Tu, 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.

Denise A. Stangl  
Notary Public

My Commission Expires: May 10, 2008

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Denise A. Stangl, Notary Public  
City Of Bethlehem, Lehigh County  
My Commission Expires May 10, 2008  
Member, Pennsylvania Association Of Notaries

EXECUTED under seal on this 6 day of June,  
2006 at Melville, ny  
(Place)

Witness:

Debra Lawrence

Guodong Zhang (L.S.)  
Guodong Zhang

State of New York

County of Suffolk ss.

On this 6 day of June, 2006 before me personally appeared Guodong Zhang, 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. 01B06145147  
Qualified in Suffolk County  
Commission Expires May 1, 2010