

PATENT ASSIGNMENT

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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>Jean-Louis Gauvreau</td> <td>01/13/2010</td> </tr> <tr> <td>Paul Marinier</td> <td>01/13/2010</td> </tr> <tr> <td>Guodong Zhang</td> <td>12/10/2009</td> </tr> <tr> <td>Ulises Olvera-Hernandez</td> <td>01/13/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jean-Louis Gauvreau	01/13/2010	Paul Marinier	01/13/2010	Guodong Zhang	12/10/2009	Ulises Olvera-Hernandez	01/13/2010
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Jean-Louis Gauvreau	01/13/2010										
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Guodong Zhang	12/10/2009										
Ulises Olvera-Hernandez	01/13/2010										
RECEIVING PARTY DATA											
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										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12578673</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12578673						
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Application Number:	12578673										
CORRESPONDENCE DATA											
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:	SWolinsky@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-2-2209US02-SW/KLL										
NAME OF SUBMITTER:	Scott Wolinsky										

CH \$40.00 12578673

Total Attachments: 6

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ASSIGNMENT

Jean-Louis Gauvreau, residing at 115 Paradis, La Prairie, Quebec J5R 6G7, Canada, a citizen of Canada; Paul Marinier, residing at 1805 Stravinski, Brossard, Quebec J4X 2J7, Canada, a citizen of Canada; Guodong Zhang, residing at 14 Walnut Drive, Syosset, New York 11791, the United States of America, a citizen of China; and Ulises Olvera-Hernandez, residing at 2 Rolland Laniel, Kirkland, Quebec H9J 4A5, Canada a citizen of Mexico (hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD AND APPARATUS FOR MONITORING AND PROCESSING COMPONENT CARRIERS

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 12/578,673, filed October 14, 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 13th day of JANUARY,

2009 at MONTREAL, QC
10 (Place)

Witness:

[Signature]
PAVINA TRICHAND

[Signature] (L.S.)
Jean-Louis Gauvreau

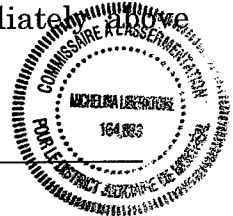
State of PROVINCE OF QUEBEC

County of MUNICIPALITY OF MONTREAL
ss.

On this 13th day of JANUARY, 2009¹⁰ before me personally appeared Jean-Louis Gauvreau, 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 written.

[Signature]
Notary Public



My Commission Expires:

13 Sept 2010

MBS
2/27/2010

MBS
2/27/2010

EXECUTED under seal on this 13th day of JANUARY,

2009 at MONTREAL, Q
10 (Place)

Witness:

P. Trichard
TAVINA TRICHARD

Paul Marinier (L.S.)
Paul Marinier

State of PROVINCE OF QUEBEC

County of MUNICIPALITY OF MONTREAL ss.

On this 13th day of JANUARY, 2009¹⁰ before me personally appeared Paul Marinier, 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.

G. Robitaille
Notary Public

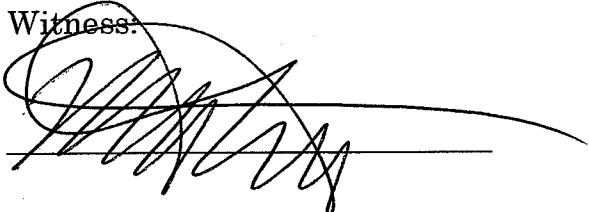
My Commission Expires:


13 Sept 2010

MBS
01/27/2010

MBS
01/27/2010

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

Witness:


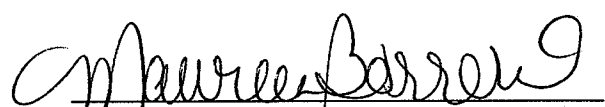


Guodong Zhang (L.S.)

State of New York
County of Suffolk ss.

On this 10 day of December, 2009 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 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 13th day of JANUARY,

2009 at MONTREAL, Q.
10 (Place)

Witness:

[Signature]
FAYINA TRICHANIN

[Signature] (L.S.)
Ulises Olvera-Hernandez

State of PROVINCE OF QUEBEC
County of MUNICIPALITY OF MONTREAL ss.

On this 13th day of JANUARY, 2009¹⁰ before me personally appeared Ulises Olvera-Hernandez, 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.

[Signature]
Notary Public



My Commission Expires:

13 Sept 2010

MBS
1/27/2010

MBS
1/27/2010