

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Peter S. Wang</td><td>11/13/2009</td></tr><tr><td>Ulises Olvera-Hernandez</td><td>12/11/2009</td></tr><tr><td>Paul Marinier</td><td>12/11/2009</td></tr><tr><td>Jean-Louis Gauvreau</td><td>12/11/2009</td></tr><tr><td>Guodong Zhang</td><td>11/12/2009</td></tr><tr><td>Shankar Somasundaram</td><td>03/17/2010</td></tr></tbody></table>		Name	Execution Date	Peter S. Wang	11/13/2009	Ulises Olvera-Hernandez	12/11/2009	Paul Marinier	12/11/2009	Jean-Louis Gauvreau	12/11/2009	Guodong Zhang	11/12/2009	Shankar Somasundaram	03/17/2010
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>InterDigital Patent Holdings, Inc.</td></tr><tr><td>Street Address:</td><td>3411 Silverside Road, Concord Plaza</td></tr><tr><td>Internal Address:</td><td>Suite 105, Hagley Building</td></tr><tr><td>City:</td><td>Wilmington</td></tr><tr><td>State/Country:</td><td>DELAWARE</td></tr><tr><td>Postal Code:</td><td>19810</td></tr></table>		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		
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
Fax Number: (215)568-6499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	IPH-2-2186US02 - SW/KLL														

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PATENT
REEL: 024145 FRAME: 0911

NAME OF SUBMITTER:

Scott Wolinsky

Total Attachments: 8

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ASSIGNMENT

Peter S. Wang, residing at 412 Pond Path, East Setauket, New York 11733, the United States of America, a citizen of the United States of America; Ulises Olvera-Hernandez, residing at 2 Rolland Laniel, Kirkland, Quebec H9J 4A5, Canada, a citizen of Mexico; Paul Marinier, residing at 1805 Stravinski, Brossard, Quebec J4X 2J7, Canada, a citizen of Canada; Jean-Louis Gauvreau, residing at 115 Paradis, La Prairie, Quebec J5R 6G7, 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 Shankar Somasundaram, residing at Flat 150, Clarence Gate Gardens, London NW1 6AP, England a citizen of India, (hereafter jointly and severally referred to as the undersigned), are the inventors of

METHOD AND APPARATUS FOR LTE RADIO LINK

FAILURE DETERMINATION IN DRX MODE

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 12/564,177, September 22,2009.

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 13 day of November,
2009 at Melville, NY.
(Place)

Witness:

Maureen Barre

Peter S. Wang (L.S.)
Peter S. Wang

State of New York

County of Suffolk ss.

On this 13 day of November, 2009 before me personally appeared Peter S. Wang, 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:

MIGALY LOPEZ
NOTARY PUBLIC - STATE OF NEW YORK
No. 01LO6183181
Qualified in Suffolk County
Commission Expires March 10, 2012

EXECUTED under seal on this 11th day of DECEMBER,
2009 at MONTREAL, QC.
(Place)

Witness:

F. Trichan
PAVINA TRICHANH

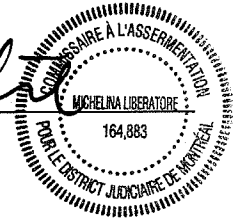
Ulises Olvera-Hernandez (L.S.)

~~State of~~ PROVINCE OF QUÉBEC
County of ^{SS.} MUNICIPALITY OF MONTREAL

On this 11th day of DECEMBER, 2009 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.

G. Lhuillier
Notary Public



My Commission Expires:

13 Sept 2010

EXECUTED under seal on this 11th day of DECEMBER,
2009 at MONTREAL, Qc.
(Place)

Witness:

P. Trichard
Pavina TRICHARD

Paul Marinier (L.S.)
Paul Marinier

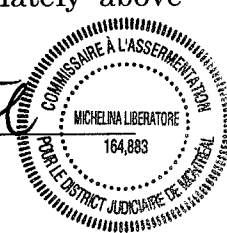
~~State of~~ PROVINCE OF QUÉBEC

~~County of~~ ^{ss.} MUNICIPALITY OF MONTREAL

On this 11th day of DECEMBER, 2009 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. L. L. L.
Notary Public



My Commission Expires:

13 Sept 2010

EXECUTED under seal on this 11th day of DECEMBER,
2009 at MONTREAL, QC.
(Place)

Witness:

F. Trichard
FAYINA TRICHARD

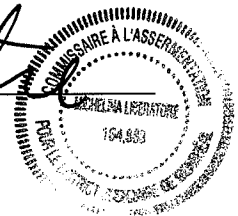
Jean-Louis Gauvreau (L.S.)

State of PROVINCE OF QUÉBEC
County of MUNICIPALITY OF ^{SS.} MONTREAL

On this 11th day of DECEMBER, 2009 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 above written.

G. Rivest
Notary Public



My Commission Expires:

13 Sept 2010

EXECUTED under seal on this 12 day of November,
2009 at Melville, NY.
(Place)

Witness:

Maureen Borrell

Guodong Zhang (L.S.)

State of New York

County of Suffolk

ss.

On this 12 day of November, 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.

Migaly Lopez
Notary Public

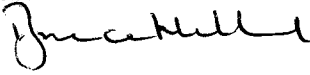
My Commission Expires:


MIGALY LOPEZ
NOTARY PUBLIC - STATE OF NEW YORK
No. 01LO6183181
Qualified in Suffolk County
Commission Expires March 10, 2012

EXECUTED under seal on this 17th day of MARCH 2010,

~~2009~~ at _____
(Place) 10 CHISWELL STREET
LONDON
EC1Y 4UQ

Witness:


BRUCE HUBBARD

 (L.S.)
Shankar Somasundaram


State of

SS.

County of

On this 17th day of MARCH 2010, ~~2009~~ before me personally appeared Shankar Somasundaram, 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: UNLIMITED

10 CHISWELL STREET
LONDON
EC1Y 4UQ

