

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zinan Lin	01/07/2010
Alexander Reznik	01/11/2010
Prabhakar R. Chitrapu	01/20/2010
Milhaela C. Beluri	01/07/2010
Eldad M. Zeira	01/07/2010
Philip J. Pietraski	01/08/2010
Sung-Hyuk Shin	01/07/2010
Gregg A. Charlton	01/11/2010

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

Property Type	Number
Application Number:	12627376

CORRESPONDENCE DATA

Fax Number: (215)568-6499

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 215-568-6400

Email: HVartanian@volpe-koenig.com

Correspondent Name: Volpe and Koenig, P.C.

Address Line 1: 30 South 17th Street

Address Line 2: United Plaza, Suite 1600

501077350

PATENT
REEL: 023857 FRAME: 0045

CH \$40.00 12627376

Address Line 4: Philadelphia, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:

IPH-2-2230US02-HV/KLL

NAME OF SUBMITTER:

Harry Vartanian

Total Attachments: 10

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ASSIGNMENT

Zinan Lin, residing at 3 Logwood Court, Melville, New York 11747, the United States of America, a citizen of China; Alexander Reznik, residing at 1212 River Road, Titusville, New Jersey 08560, the United States of America, a citizen of the United States of America; Prabhakar R. Chitrapu, residing at 135 Brochant Drive, Blue Bell, Pennsylvania 19422, the United States of America, a citizen of the United States of America; Mihaela C. Beluri, residing at 239 West Neck Road, Huntington, New York 11743, the United States of America, a citizen of Canada; Eldad M. Zeira, residing at 106 East Neck Road, Huntington, New York 11743, the United States of America, a citizen of the United States of America; Philip J. Pietraski, residing at 7 Talbot Place, Huntington Station, New York 11746, the United States of America, a citizen of the United States of America; Sung-Hyuk Shin, residing at 104 Eidner Way, Northvale, New Jersey 07647, the United States of America, a citizen of the United States of America; and Gregg A. Charlton, residing at 14 Wynnewood Drive, Collegeville, Pennsylvania 19426, the United States of America, a citizen of the United States of America, (hereafter jointly and severally referred to as the undersigned), are the inventors of

UPLINK POWER CONTROL FOR DISTRIBUTED WIRELESS COMMUNICATION

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 12/627,376, filed November 30, 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 7 day of January,
200¹⁰~~9~~ at Melville, NY.
(Place)

Witness:

Maureen Barro

Zinan Lin (L.S.)

State of New York

ss.

County of Suffolk

On this 7 day of January, 200¹⁰~~9~~ before me personally appeared Zinan Lin, 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:

MIGDALY LOPEZ
NOTARY PUBLIC - STATE OF NEW YORK
No. 01100100101
Qualified in Suffolk County
Commission Expires March 10, 2012

EXECUTED under seal on this 1th day of January,
²⁰¹⁰
~~2009~~ at King of Prussia, Pennsylvania
(Place)

Witness:

Amy L. Serhienko

Alexander Reznik (L.S.)
Alexander Reznik

Commonwealth
State of Pennsylvania

ss.

County of Montgomery

On this 1th day of January, ²⁰¹⁰
~~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.

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 20th day of January,
2010 at King of Prussia, Pennsylvania
(Place)

Witness:

Amy L. Serhienko

P Chitrapu (L.S.)
Prabhakar R. Chitrapu

Commonwealth
State of Pennsylvania

ss.

County of Montgomery

On this 20th day of January, 2010 before me personally appeared
Prabhakar R. Chitrapu, 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.

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 7 day of January,
200¹⁰~~9~~ at Melville, NY.
(Place)

Witness:

Maureen Borrelli

Mihaela C. Beluri (L.S.)
Mihaela C. Beluri

State of New York

ss.

County of Suffolk

On this 7 day of January, 200¹⁰~~9~~ before me personally appeared Mihaela C. Beluri, 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 7 day of January,
200~~9~~¹⁰ at Melville, NY.
(Place)

Witness:

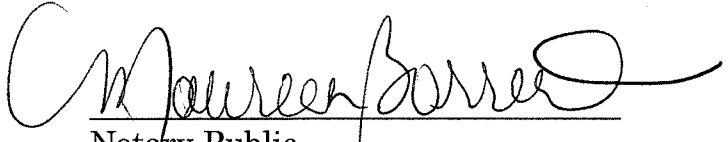


Eldad M. Zeira (L.S.)

State of New York
County of Suffolk ss.

On this 7 day of January, 200~~9~~¹⁰ before me personally appeared Eldad M. Zeira, 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. 01B06145147
Qualified in Suffolk County
Commission Expires May 1, 2010

EXECUTED under seal on this 8 day of January,
200¹⁰~~9~~ at Melville, NY.
(Place)

Witness:

Maureen Borree

Philip J. Pietraski (L.S.)
Philip J. Pietraski

State of New York
County of Suffolk ss.

On this 8 day of January, 200¹⁰~~9~~ before me personally appeared Philip J. Pietraski, 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 7 day of January,
200¹⁰~~9~~ at Melville NY.
(Place)

Witness:

Maureen Corrao Sung-Hyuk Shin (L.S.)
Sung-Hyuk Shin

State of New York
County of Suffolk ss.

On this 7 day of January, 200¹⁰~~9~~ before me personally appeared Sung-Hyuk Shin, 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 1th day of January,
²⁰¹⁰
2009 at King of Prussia, Pennsylvania
(Place)

Witness:

Amy L. Serhienko

Gregg A. Charlton (L.S.)
Gregg A. Charlton

Commonwealth
State of Pennsylvania

ss.

County of Montgomery

On this 1th day of January, ²⁰¹⁰2009 before me personally appeared Gregg A. Charlton, 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.

My Commission Expires:

June 12, 2011

