

Attny: Docket No.: I-2-0706.1US

Continuation of Box __1__ Name of conveying party(ies)

HOFFMAN, JOHN ERICH
REZNIK, ALEXANDER

Atty. Docket No. I-2-0706.1US

ASSIGNMENT

John David Kaewell, Jr., residing at 1727 Lafayette Drive, Jamison, Pennsylvania, 18929, a citizen of the United States of America; Prabhakar R. Chitrapu, residing at 135 Brochant Drive, Blue Bell, Pennsylvania, 19422, a citizen of the United States of America; Robert Lind Olesen, residing at 3 Country Club Drive, Huntington, New York, 11743, a citizen of the United States of America; Sung-Hyuk Shin, residing at 104 Eidner Way, Northvale, New Jersey, 07647, a citizen of the United States of America; John Erich Hoffmann, residing at 516 Latania Palm Drive, Indialantic, Florida, 32903-3816, a citizen of the United States of America; and Alexander Reznik, residing at 1212 River Road, Titusville, New Jersey, 08560, a citizen of the United States of America (hereafter jointly and severally referred to as the undersigned), are the inventors of

**CODE DIVISION MULTIPLE ACCESS (CDMA) METHOD
AND APPARATUS FOR PROTECTING AND AUTHENTICATING
WIRELESSLY TRANSMITTED DIGITAL INFORMATION**

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 11/034,987, filed January 13, 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 300 Delaware Avenue, Suite 527, Wilmington, Delaware 19801, 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

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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 12th day of April,

2005 at King of Prussia, PA
(Place)

Witness:

Robert Ruzulla

John David Kaewell, Jr. (L.S.)
John David Kaewell, Jr.

State of Pennsylvania ss.

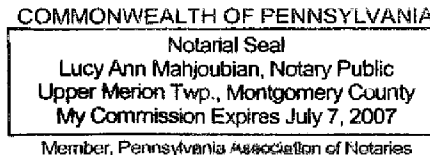
County of Montgomery

On this 12th day of April, 2005 before me personally appeared John David Kaewell, Jr., 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

My Commission Expires:



Atty. Docket No. I-2-0706.1US

EXECUTED under seal on this 12th day of April,

2005 at King of Prussia, PA
(Place)

Witness:

[Signature]

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

State of Pennsylvania
County of Montgomery ss.

On this 12th day of April, 2005 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.

Lucy Ann Mahjoubian
Notary Public

My Commission Expires:

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

Atty. Docket No. I-2-0706.1US

EXECUTED under seal on this 29 day of April,
2005 at Melville, NY
(Place)

Witness:

M Catana

Robert Lind Olesen (L.S.)
Robert Lind Olesen

State of NEW YORK

ss.

County of SUFFOLK

On this 29th day of April, 2005 before me personally appeared Robert Lind Olesen, 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.

Laura J. Commisso
Notary Public

My Commission Expires:

Laura J. Commisso
Notary Public, State of New York
No. 01CO6004541
Qualified in Nassau County
Commission expires May 13, 2006

Atty. Docket No. I-2-0706.1US

EXECUTED under seal on this 29 day of April,

2005 at Melville, NY
(Place)

Witness:

M Catania

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

State of New York

ss.

County of Suffolk

On this 29th day of April, 2005 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.

Laura J. Commisso
Notary Public

My Commission Expires:

Laura J. Commisso
Notary Public, State of New York
No. 01CO6004541
Qualified in Nassau County
Commission expires May 13, 2006

Atty. Docket No. I-2-0706.1US

EXECUTED under seal on this 22 day of March,

2005 at Melbourne FL USA
(Place)

Witness:

Kenn P. Johnson

John Erich Hoffmann (L.S.)
John Erich Hoffmann

State of Florida

County of Brevard ss.

On this 22nd day of March, 2005 before me personally appeared John Erich Hoffmann, 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.

Kathleen K. Renyo
Notary Public

My Commission Expires:
05-03-05



Atty. Docket No. I-2-0706.1US

EXECUTED under seal on this 12th day of April

2005 at King of Prussia Pa
(Place)

Witness:

[Signature]

[Signature] (L.S.)
Alexander Reznik

State of Pennsylvania

ss.

County of Montgomery

On this 12th day of April, 2005 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.

[Signature]
Notary Public

My Commission Expires:

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