Attny. Docket No.I-2-0706.1US

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Form PTO-1595 RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMME				
(Rev. 10/02)	PATENT:	SONLY	U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 6/30/2005)			,	
Tab settings	<u> </u>	<u> </u>	VV	
To the Honorable Commissione	r of Patents and Trademarks:	lease record the attached (original documents or copy thereof.	
1. Name of conveying party(ies):		2. Name and address	s of receiving party(ies)	
KAEWELL, JR., JOHN DAVID			GITAL TECHNOLOGY CORPORATION	
CHITRAPU, PRABHAKAR R.				
OLESEN, ROBERT LIND		Internal Address:	SUITE 527	
SHIN, SUNG-HYUK				
Additional name(s) of conveying party(ies) attached? 🔀 Yes 🔣 No			
3. Nature of conveyance:				
·	П.м			
Assignment Assignment	Merger	Street Address 3	800 DELAWARE AVENUE	
Security Agreement	Change of Name	Sueel Address: -		
<u> </u>	_			
Other				
		City: WILMINGTO	ON State: DELAWARE Zip: 19801	
l				
Execution Date: 03/22/2005	\	Additional name(s) & a	address(es) attached? 🔲 Yes 🗷 No	
4. Application number(s) or pater	nt number(s):			
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If this document is being filed t	ogetner with a new applic	1	ate of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)		
11/034,987				
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	i i	ached? 🔲 Yes 🖾 No		
5. Name and address of party to	•	6. Total number of ap	pplications and patents involved:	
concerning document should b	e mailed:	7 7-1 11 22 22 22	2.44) 2.40.00	
Name: Scott Wolinsky		, , , ıotal tee (37 CFR	3.41) <u>\$ 40.00</u>	
·		Enclosed		
Internal Address: VOLPE AND	NOENIG, P.C.			
UNITED PLAZA, SUITE 1600	y I	Authorized to	be charged to deposit account	
		8. Deposit account n		
Street Address:			09-0435	
90 COUTUS	— Т н с тоеет	INTERDIGITAL	L COMMUNICATIONS CORPORATION	
30 SOUTH 17	HISINEE!			
City: PHILADELPHIA State: PA	7in: 10109	(Attach duplicate copy	of this page if paying by deposit account)	
Ony. PA	Zip: <u>19103</u>			
	DO NOT USE	THIS SPACE		
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Statement and signature.	-			
_	and belief, the foregoing (information is true and	correct and any attached conv	
_		nformation is true and	correct and any attached copy	
To the best of my knowledge a		nformation is true and	,	
To the best of my knowledge a is a true copy of the original do Scott Wolinsky	ocument.	ott Wohndry	May 23, 2005	
To the best of my knowledge a is a true copy of the original do Scott Wolinsky Name of Person Signi	ing	ott Wohndy Signature	May 23, 2005 Date	
To the best of my knowledge a is a true copy of the original do Scott Wolinsky Name of Person Signi Reg. No. 46,413	ocument.	Signature Signature ar sheet, attachments, and o	May 23, 2005 Date documents: 9	

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

Continuation of Box __1_ Name of conveying party(ies)

HOFFMAN, JOHN ERICH REZNIK, ALEXANDER

Sheet $_{-2}^{}$ PATENT

REEL: 016271 FRAME: 0564

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

Atty. Docket No. I-2-0706.1US

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 th	his 12th day of april	,
200 <u>-</u>	Eat King of Prusses (Place)	à PA.	
Witn		2	
Ro	bet Bayulla	John David Kaewell, Jr.	(L.S.)
State	of Rennaylvania s	John David Kaewell, Jr.	
	δ s	ss.	
Coun	ity of Montgomery		
	4	- , <u>-</u>	

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.

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 Netaries

Atty. Docket No. I-2-0706.1US
EXECUTED under seal on this 12 day of April,
200 <u>5</u> at Keng of Prussia, Pr. (Place)
Witness:
Prabhakar R. Chitrapu .(L.S.)
Prabhakar R. Chitrapu
State of Kennsylvania
State of Rennsylvania County of Montgomeny ss.
On this 12th day of April , 200 <u>5</u> 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 Mahjoulean Notary Public
Notary Public
My Commission Expires:
COMMONWEALTH OF PENNSYLVANIA

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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 $\frac{27}{2}$ day of $\frac{120}{2}$
2005 at Meluille, Ny (Place)
Witness:
Matania (L.S.) Robert Lind Olesen
State of NEW YORL ss. County of SUFFOIK
On this _39th day ofApril, 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.
Agua 1 commisse
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 2005 at (Place)	April
Witness:	
M Calania Sung-Hy	(L.S.)
State of New York State of New York Ss. County of Suffolk	
On this 291 day of 491, 2005 b Sung-Hyuk Shin, to me known to be the person described the foregoing instrument, and acknowledged that he and willingly and for the purposes therein contained. Witness my hand and Notarial seal the day	ibed herein and who executed executed the same knowingly
written.	
Notary P My Commission Expires:	
Notary	Laura J. Commisso Public, State of New York No. 01CO6004541 Ilified in Nassau County ssion 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:

(L.S.)

State of Elareda

County of Brevard

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.

My Commission Expires: 05-03-05-

KATHLEEN K. RENYO MY COMMISSION # DD 022683 EXPIRES: May 3, 2005

Atty.	Docket	No.	I-2-0706	$.1 \mathrm{US}$
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EXECUTED under seal on this 12th day of april

2005 at King of Prussia Art.

Witness:

Alexander Reznik

State of Rennsylvania
County of Montgomery

On this 12⁴⁰ day of Opril _____, 200_ 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.

Levy an Malyulian 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

7 cf 7

PATENT REEL: 016271 FRAME: 0571