## Attny, Docket No. I-2-0505.1US

Form PT()-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
Tab settings ⇒ ⇒ ▼	▼ ▼	<b>V</b>	▼ ▼		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(les): GOLDBERG, STEVEN JEFFRE CHOTKOWSKI, KIMBERLY	ΞΥ		ss of receiving party(ies) GITAL TECHNOLOGY CORPORATION SUITE 527		
Additional name(s) of conveying party(ies)	attached? 🔲 Yes 👪 No				
3. Nature of conveyance:		]			
Assignment	☐ Merger	Street Address:	300 DELAWARE AVENUE		
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Carlother		City:_WILMINGTO	ON State: DELAWARE ZIp: 19801		
Execution Date: March 24, 2004		Additional name(s) &	address(es) attached? 🔲 Yes 🛂 No		
4. Application number(s) or patent	number(s):				
If this document is being filed to	gether with a new appli	cation, the execution o	date of the application is:		
A. Patent Application No.(s) 10/730,671		B. Patent No.(s)			
	Additional numbers at	l tached? ☐ Yes ፫ No			
<ol><li>Name and address of party to v concerning document should be</li></ol>		6. Total number of ap	oplications and patents involved:		
Name: John C. Donch Jr.		7. Total fee (37 CFR	3.41)\$_40.00		
Internal Address: VOLPE AND	KOENIG, P.C.	☐ Enclosed			
UNITED PLAZA, SUITE 1600		Authorized to	be charged to deposit account		
Street Address:30 SOUTH 17T	H STREET	8. Deposit account r	number: 09-0435 L COMMUNICATIONS CORPORATION		
City: PHILADELPHIA State: PA	Zip; <u>19103</u>	(Attach duplicate copy	of this page if paying by deposit account)		
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9. Statement and signature.  To the best of my knowledge and is a true copy of the original document.  John C. Donch Jr.  Name of Person Signing.	cument.	Information is true and	correct and any attached copy  May 3, 2004  Date		
Reg. No. 43,593 Total nu	mber of pages including cove	er sheet, attachments, and o	documents: 4		

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Sheet 1 of 1

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## ASSIGNMENT

Steven Jeffrey Goldberg, residing at 1017 Chiswell Drive, Downingtown, Pennsylvania, 19335, a citizen of the United States of America; and Kimberly Chotkowski, residing at 322 Twin Pond Drive, West Chester, Pennsylvania, 19382-1942, a citizen of the United States of America (hereafter jointly and severally referred to as the undersigned), are the inventors of

## COORDINATION OF

BEAM FORMING IN WIRELESS COMMUNICATION SYSTEMS for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 10/730,671, filed December 8, 2003.

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 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

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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 24th day of March

2004 at King of Prussia, PA.
(Place)

Witness:

M Shell

State of Pennsylvania
88. King of Prussia
County of Montgomery

On this 24th day of March, 200 4 before me personally appeared Steven Jeffrey Goldberg, 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 Com Makgauleian Notary Public

My Commission Expires:

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Lucy Ann Mahjoublan, Notary Public Upper Merion Twp., Montgomery County My Commission Expires July 7, 2007

Member, Pennsylvania Association of Notaries

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EXECUTED	under seal on	this <u>/</u>	St day of april	
12.	10	_	Q <sub>2</sub>	

 ${f Witness}:$ 

imberly/Chøtkowski

State of Cennsylvania
ss. King of Prussia
County of Montgomery
On this 1st day of april , 2004 before me personally appeared Kimberly Chotkowski, 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 Mahjoublan, Notary Public

Upper Merion Twp., Montgomery County My Commission Expires July 7, 2007

Member, Pennsylvania Association of Notaries

**PATENT** REEL: 014591 FRAME: 0861