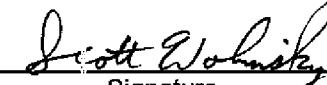


Attny. Docket No. I-2-0866.1US

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): CHIANG, BING A. GOLDBERG, STEVEN JEFFREY LYNCH, MICHAEL JAMES		2. Name and address of receiving party(ies) Name: <u>INTERDIGITAL TECHNOLOGY CORPORATION</u> Internal Address: <u>SUITE 527</u> Street Address: <u>300 DELAWARE AVENUE</u> City: <u>WILMINGTON</u> State: <u>DELAWARE</u> Zip: <u>19801</u>			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Execution Date: <u>03/15/2005</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>11/025,421</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Scott Wolinsky</u> Internal Address: <u>VOLPE AND KOENIG, P.C.</u> <u>UNITED PLAZA, SUITE 1600</u> Street Address: _____ <u>30 SOUTH 17TH STREET</u> City: <u>PHILADELPHIA</u> State: <u>PA</u> Zip: <u>19103</u>		3. Total number of applications and patents involved: <input type="checkbox"/> 0 <input checked="" type="checkbox"/> 1 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>09-0435</u> <u>INTERDIGITAL COMMUNICATIONS CORPORATION</u> (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Scott Wolinsky</u>  <u>April 20, 2005</u> Name of Person Signing Signature Date Reg. No. 46,413 Total number of pages including cover, sheet, attachments, and documents: <input type="checkbox"/> 0 <input checked="" type="checkbox"/> 5					

CH \$40.00 090435 11025421

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

Atty. Docket No. I-2-0866.1US

ASSIGNMENT

Bing A. Chiang, residing at 3362 Whisperwood Circle, Melbourne, Florida, 32901, a citizen of the United States of America; Steven Jeffrey Goldberg, residing at 1017 Chiswell Drive, Downingtown, Pennsylvania, 19335, a citizen of the United States of America; and Michael James Lynch, residing at 4195 Richwood Court, Merritt Island, Florida, 32952, a citizen of the United States of America (hereafter jointly and severally referred to as the undersigned), are the inventors of

WIRELESS COMMUNICATION METHOD AND ANTENNA SYSTEM FOR DETERMINING DIRECTION OF ARRIVAL INFORMATION TO FORM A THREE-DIMENSIONAL BEAM USED BY A TRANSCEIVER

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 11/025,421, filed December 29, 2004.

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.

Atty. Docket No. I-2-0866.1US

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 15th day of March,
2005 at MELBOURNE, FL.
(Place)

Witness:

[Signature]

Bing Chiang (L.S.)
Bing A. Chiang

State of

ss.

County of

On this 15 day of March, 2005 before me personally appeared Bing A. Chiang, 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-2-0866.1US

EXECUTED under seal on this 12th day of April

2005 at King of Prussia, PA.
(Place)

Witness:

Prabhakar Christapu

Steven Jeffrey Goldberg (L.S.)
Steven Jeffrey Goldberg

State of Pennsylvania
ss.

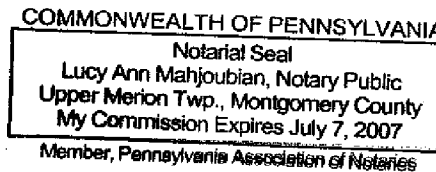
County of Montgomery

On this 12th day of April, 2005 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 Ann Mahjoubian
Notary Public

My Commission Expires:



Atty. Docket No. I-2-0866.1US

EXECUTED under seal on this 15th day of MARCH,

2005 at MELBOURNE, FL
(Place)

Witness:

[Signature]

[Signature] (L.S.)
Michael James Lynch

State of Florida
County of Brevard ss.

On this 15th day of March, 2005 before me personally appeared Michael James Lynch, 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:
05-03-05

