

Form PTO-1595 (Rev. 10/02)

8-2003

RECOF

08-27-2003

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings



To the Honorable Commissioner of Patent:

al documents or copy thereof.

1. Name of conveying party(ies):

KWAK, JAEYOUNG  
HAIM, JOHN W.  
ZEIRA, ARIELA  
PAN, JUNG-LIN

102537552

2. Name and address of receiving party(ies)

Name: INTERDIGITAL TECHNOLOGY CORPORATION

Internal Address: SUITE 527

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Street Address: 300 DELAWARE AVENUE

City: WILMINGTON State: DE Zip: 19801

Execution Date: August 19, 2003

Additional name(s) & address(es) attached?  Yes  No

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: August 19, 2003

A. Patent Application No.(s)

10/644361

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jeffrey M. Glabicki

Internal Address: VOLPE AND KOENIG, P.C.

UNITED PLAZA, SUITE 1600

Street Address:

30 SOUTH 17TH STREET

City: PHILADELPHIA State: PA Zip: 19103

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

09-0435

INTERDIGITAL COMMUNICATIONS CORPORATION

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Jeffrey M. Glabicki

Name of Person Signing

*Jeffrey M. Glabicki*  
Signature

August 20, 2003

Date

Reg. No. 42,584

Total number of pages including cover sheet, attachments, and documents: 6

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

08/27/2003 LMJELLER 00000043 090435

10644361

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

01 FC:8021

40.00 DA

## ASSIGNMENT

Jaeyoung Kwak, residing at 181 Nantucket Pl., Morganville, NJ 07751, United States of America, a citizen of Korea; John W. Haim, residing at 1848 Longfellow Street, Baldwin, NY 11510, United States of America, a citizen of the United States of America; Ariela Zeira, residing at 239 West Neck Road, Huntington, NY 11743, United States of America, a citizen of the United States of America; and Jung-Lin Pan, residing at 15 Court Street, Selden, NY, United States of America, a citizen of Taiwan (hereafter jointly and severally referred to as the undersigned) are the inventors of

### EFFICIENT JOINT DETECTION

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, 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, DE 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 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.

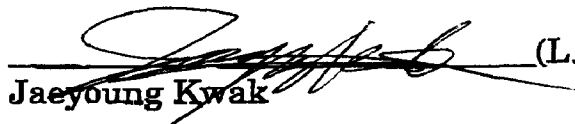
EXECUTED under seal on this 19 day of A, 2003

at \_\_\_\_\_.

(Place)

Witness:

\_\_\_\_\_

 (L.S.)  
Jaeyoung Kwak

State of

ss.

County of

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003 before me personally appeared Jaeyoung Kwak, 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.

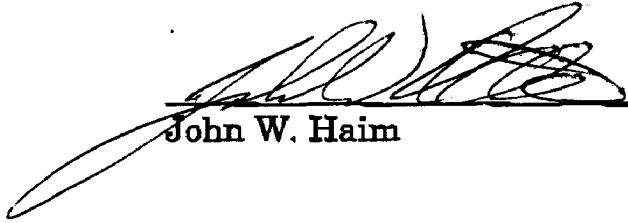
\_\_\_\_\_  
Notary Public

My Commission Expires:

EXECUTED under seal on this 19<sup>th</sup> day of August, 2003  
at MELVILLE, NY.  
(Place)

Witness:

\_\_\_\_\_

  
\_\_\_\_\_  
John W. Haim (L.S.)

State of

ss.

County of

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003 before me personally appeared John W. Haim, 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:

EXECUTED under seal on this 19 day of August, 2003  
at Melville NY  
(Place)

Witness:

\_\_\_\_\_

A. Z. (L.S.)  
Ariela Zeira

State of

ss.

County of

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003 before me personally appeared Ariela Zeira, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that she 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:

EXECUTED under seal on this 19<sup>th</sup> day of August, 2003  
at Melville, New York.  
(Place)

Witness:

\_\_\_\_\_  
Jung-Lin Pan (L.S.)

State of

ss.

County of

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003 before me personally appeared Jung-Lin Pan, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that she 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: