

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

06-03-2002



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**RECORDATION FORM  
PATENTS ONLY**

5/22/02

1997 U.S. P.T.O.  
10/153477

05/22/02

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- New
- Resubmission (Non-Recordation)  
Document ID#
- Correction of PTO Error  
Reel #  Frame #
- Corrective Document  
Reel #  Frame #

**Conveyance Type**

- Assignment  Security Agreement
  - License  Change of Name
  - Merger  Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)  Execution Date Month Day Year

Name (line 2)

**Second Party**

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**Receiving Party**

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Name (line 1)   If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:  
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**PATENT**  
**REEL: 012934 FRAME: 0907**

**Correspondent Name and Address** Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

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**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
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**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

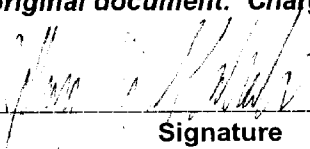
(Enter for payment by deposit account or if additional fees can be charged to the account.)

InterDigital Patent Corporation's Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.*

Jeffrey M. Glabicki 

Name of Person Signing Signature Date

Reg. No. 42,584

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

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10/15/97  
05/22/02

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  City  State/Country  Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  City  State/Country  Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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## ASSIGNMENT

Younglok Kim, residing at 1090 Kingsland Lane, Fort Lee, NJ 07024, a citizen of Korea; and Ariela Zeira, residing at 239 West Neck Road, Huntington, NY 11743, a citizen of the United States of America, (hereafter jointly and severally referred to as the undersigned), are the inventors of ADAPTIVE ALGORITHM FOR A CHOLESKY APPROXIMATION for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. \_\_\_\_\_, filed \_\_\_\_\_, 2002.

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 corporation organized and existing under the laws of the State of Delaware and having its principal place of business at 300 Delaware Avenue, Suite 527, Wilmington, Delaware, (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, does 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 thereof, throughout the world, including the right to claim priority under the Paris Convention.

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 18<sup>th</sup> day of April, 2002.

Witness:

Melville N. Young

Younglok Kim (L.S.)  
Younglok Kim

State of New York

ss. Melville

County of Suffolk

On this 18<sup>th</sup> day of April, 2002, before me personally appeared Younglok Kim, 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.

Patricia McDonnell

Notary Public

My Commission Expires:

PATRICIA McDONNELL  
NOTARY PUBLIC, STATE OF NEW YORK  
QUALIFIED IN SUFFOLK & NASSAU COUNTY  
#5007034  
TERM EXPIRES 1/19/03

EXECUTED under seal on this 18<sup>th</sup> day of April, 2002.

Witness:

*Mabriella R. Young*

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

State of New York

ss. Melville

County of Suffolk

On this 18<sup>th</sup> day of April, 2002, 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.

*Patricia McDonnell*

Notary Public

My Commission Expires:

**PATRICIA McDONNELL**  
**NOTARY PUBLIC, STATE OF NEW YORK**  
**QUALIFIED IN SUFFOLK & NASSAU COUNTY**  
**#5007034**  
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