

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

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

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

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)

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:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

700028085

REEL: 013576 FRAME: 0348

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

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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)		
<input type="text" value="10/328,623"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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.

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"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

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 ☒

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

ANTHONY L. VENEZIA



April 15, 2003

Name of Person Signing
Reg. No. 48,382

Signature

Date

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

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

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

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) MENON, NARAYAN PARAPPIL

Execution Date
Month Day Year

04012003

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)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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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)

ASSIGNMENT

Arty Chandra, residing at 200 Hilton Avenue, Unit #4, Hempstead, New York, United States of America, a citizen of India; Prabhakar R. Chitrapu, residing at 135 Brochant Drive, Blue Bell, Pennsylvania, United States of America, a citizen of the United States of America and Narayan Parappil Menon, residing at 81 Wilson Street, North Babylon, New York, United States of America, a citizen of India (hereafter jointly and severally referred to as the undersigned), are the inventors of

UE ASSISTED SYSTEM DATABASE UPDATE

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 10/328,623, filed December 23, 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 Delaware corporation, having a place of business at 300 Delaware Avenue, Suite 527, Wilmington, DE 19801, (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 20th day of February, 2002³
at Melville, NY
(Place)

Witness:

J. J. Onda

Arty Chandra (L.S.)
Arty Chandra

State of New York

ss.

County of SUFFOLK

On this 20th day of February, 2002³ before me personally appeared Arty Chandra, 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
PATRICIA MCDONNELL
NOTARY PUBLIC, STATE OF NEW YORK
No. 5007034
QUALIFIED IN SUFFOLK COUNTY
TERM EXPIRES 1/19/07

EXECUTED under seal on this 3rd day of March, 200~~2~~³
at King of Prussia, PA
(Place)

Witness:

Lucy Ann Matzoulis

Prabhakar Chitrapu (L.S.)
Prabhakar R. Chitrapu

State of PENNSYLVANIA

ss.

County of MONTGOMERY

On this 3rd day of MARCH, 200~~2~~³ 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.

Linda M. Carpenter
Notary Public

My Commission Expires:



EXECUTED under seal on this 1st day of April, 200~~2~~³ at

(Place) Melville, NY

Witness:

J. J. O'Connell

N. J. (L.S.)
Narayan Parappil Menon

State of New York
County of Suffolk

ss.

On this 1st day of April, 200~~2~~³ before me personally appeared Narayan Parappil Menon, 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
No. 5007034
QUALIFIED IN SUFFOLK COUNTY
TERM EXPIRES 1/19/07