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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
MARINIER, PAUL

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: July 18, 2003

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

4. Application number(s) or patent number(s): 10/ 624812

If this document is being filed together with a new application, the execution date of the application is: July 22, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gerald B. Halt, Jr.

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)

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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.

Gerald B. Halt, Jr.

Name of Person Signing

Signature

7/22/03
Date

Reg. No. 37,633

Total number of pages including cover sheet, attachments, and documents: 3

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

Sheet 1 of 1

07/31/2003 6TON11 00000229 090435 10624812

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PATENT
 REEL: 014325 FRAME: 0971

7-22-03

16235 U.S. PTO
10/624812

07/22/03

ASSIGNMENT

Paul Marinier, residing at 1805 Stravinski, Brossard, QC J4X 2J7, CANADA, a citizen of Canada (hereafter the undersigned), is the inventor of

**SYSTEM AND METHOD FOR INCREASING CELLULAR
SYSTEM CAPACITY BY THE USE OF THE SAME FREQUENCY
AND TIME SLOT FOR BOTH UPLINK AND DOWNLINK TRANSMISSIONS**

for which the undersigned executed an application for United States Letters Patent, U.S. Patent Application No. _____, filed _____, 2002.

The undersigned hereby authorizes 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, 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, 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 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 warrants that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 18th day of July, 2003 at Montreal.
(Place)

Witness:

Colin Audet

Paul Marinier (L.S.)
Paul Marinier

State of

SS.

County of

On this 18th day of July, 2003 before me personally appeared Paul Marinier, 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.

Hélène Dubeau
Notary Public



My Commission Expires:

NOV. 2005