

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul Marinier	03/21/2011
Bhaskar M. Anepu	02/09/2011
Ghyslain Pelletier	03/21/2011
Robert L. Olesen	02/08/2011
RECEIVING PARTY DATA	
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Street Address:	3411 Silverside Road
Internal Address:	Concord Plaza, Suite 105, Hagley Building
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19810
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12986549
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ATTORNEY DOCKET NUMBER:	ILTE-1252/10404US02
NAME OF SUBMITTER:	Michael Jordan

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Total Attachments: 6

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ASSIGNMENT

WHEREAS, we Paul Marinier, residing 1805 Stravinski, Brossard, Quebec, Canada J4X 2J7; Bhaskar M. Anepu, residing at 2320 Middlegreen Ct., Lancaster, Pennsylvania 17601; Ghyslain Pelletier, residing at 2055 rue De Valmont, Chomedey, Laval, Quebec, Canada H7M 3J3; and Robert L. Olesen, residing at 3 Country Club Drive, Huntington, New York 11743, hereinafter referred to as the ASSIGNORS, are joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. 12/986,549, filed January 7, 2011, entitled MAINTAINING TIME ALIGNMENT WITH MULTIPLE UPLINK CARRIERS; and

WHEREAS, InterDigital Patent Holdings, Inc., hereinafter referred to as the ASSIGNEE, of 3411 Silverside Road, Concord Plaza, Suite 105, Hagley Building, Wilmington, DE 19810, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, our entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including our full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said ASSIGNEE, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

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AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as ASSIGNEE of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.


march 21, 2011
Date

Paul Marinier (L.S.)
Paul Marinier

Province
STATE OF Quebec :
municipality
COUNTY OF Michele : SS

On this 21 day of March, year of 2011, before me personally came the above named Paul Marinier to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

G. L. L. L.
Notary Public

A circular notary seal for the Province of Quebec, featuring a central emblem and text around the perimeter.


March 21, 2011
Date

Ghyslaine Pelletier (L.S.)
Ghyslaine Pelletier

~~Province~~
STATE OF Quebec
~~Municipality~~
COUNTY OF Montreal: SS

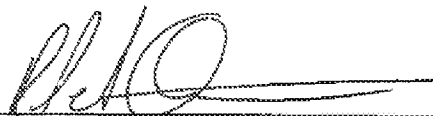
On this 21 day of March, year of 2011, before me personally came the above named Ghyslaine Pelletier to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

G. L. L...
Notary Public




DOCKET NO.: ILTE-1252/10404US02

8 February 2011
Date

 (L.S.)
Robert L. Olesen

STATE OF New York :
COUNTY OF Suffolk : SS

On this 8 day of February, year of 2011, before me personally came the above named Robert L. Olesen to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Notary Public

MAUREEN BORRERO
Notary Public - State of New York
No. 01B06145147
Qualified in Suffolk County
Commission Expires May 1, 2014