



Atty Docket No.: 273116US2

01-06-2006

FORM PTO-1595
06-04

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Execution Date: June 18, 15, and 16, 2005

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4. Application number(s) or patent number(s):

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11/143,995

B. Patent No.(s)

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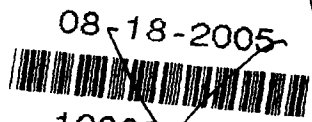
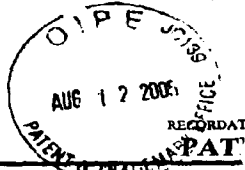
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FORM P10-1595
06-06



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1. Name of conveying party(ies):
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Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: MITSUBISHI DENKI KABUSHIKI KAISHA
Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan
Additional name(s) and address(es) attached? Yes No

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Marvin J. Spivak
Name of Person Signing

Joseph Scaletta, Jr.
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273116US2

Assignment of Application

INVENTOR'S NAMES
RESIDENCE
ADDRESS OF
INVENTORS:

WHEREAS, I (WE) David MOTTIER, Damien CASTELAIN, and Nadine CHAPALAIN
all of Rennes Cedex 7, France

_____, respectively,

TITLE OF
INVENTION:

have invented certain new and useful improvements in: DEVICE AND METHOD OF DYNAMICALLY ASSIGNING
SUBGROUPS OF SPREADING SEQUENCES

(Application No. 11/143,995, filed June 3, 2005), and

INVENTOR'S NAME
ADDRESS OF
INVENTOR OR
ASSIGNEE:

WHEREAS, mitsubishi denki kabushiki kaisha

(hereinafter referred to as "ASSIGNEE") having a place of business at: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 18, 2005 _____
 (Signature of Inventor) David MOTTIER

Date: June 15, 2005 _____
 (Signature of Inventor) Damien CASTELAIN

Date: June 16, 2005 _____
 (Signature of Inventor) Nadine CHAPALAIN

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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