

Atty Docket No.: 262390US2

06-17-2005

FORM PTO-1595 06-04

6/13/05



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office

103022818

Documents or copy thereof.

1. Name of conveying party(ies):

Stephane PAQUELET
Louis-Marie AUBERT
Claire MEUNIER

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: January 4, 2005

Additional name(s) and address(es) attached? Yes No

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

This document is being filed together with a new application

A. Patent Application No.(s)
10/998,930

B. Patent No.(s)

Additional numbers attached? Yes No

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

Customer Number
22850
Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total 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: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Marvin J. Spivak
Name of Person Signing

Joseph Scafetta, Jr.
Signature

JUN 13 2005
Date

Registration Number: 24,913

Joseph Scafetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

Do not detach this portion

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

Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

06/14/2005 SDENB01 00000015 10998930

01 FC:8021

40.00 DP

PATENT
REEL: 016685 FRAME: 0795

262390US2

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) Stephane PAQUELET of Rennes Cedex 7, France;
Louis-Marie AUBERT of Rennes Cedex 7, France;
Claire MEUNIER of Orsay Cedex, France

_____, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: METHOD FOR DEMODULATING UWB PULSE
SEQUENCES ENCODED ACCORDING TO AN ON-OFF KEYING MODULATION SCHEME

(Application No. 10/998,930, filed November 30, 2004), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER 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.

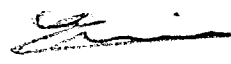
06/04

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: January 4, 2005 _____
 (Signature of Inventor)  Stephane PAQUELET

Date: January 4, 2005 _____
 (Signature of Inventor)  Louis-Marie AUBERT

Date: January 4, 2005 _____
 (Signature of Inventor)  Claire MEUNIER

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

06/04