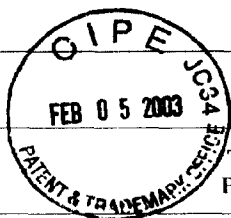


02-10-2003

Atty. Docket No.: 1906-0105P

Page 1 of 1



102361672

SHEET

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

1. Name of conveying party(ies):

**2-5-03**  
MITSUBISHI ELECTRIC INFORMATION  
TECHNOLOGY CENTRE EUROPE B.V.

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

Execution Date: **October 23, 2002**

2. Name and address of receiving party(ies)

Name: **MITSUBISHI DENKI KABUSHIKI KAISHA**

Internal Address:

Street Address: **2-3, Marunouchi 2-chome, Chiyoda-ku**City: **Tokyo**

State:

ZIP:

Country: **Japan**Postal Code: **100-8310**Additional name(s) & address(es) attached? ☐ YES ☒ NO

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

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

A. Patent Application No(s).

10/112,873

B. Patent No(s).

Additional numbers attached? ☐ YES ☒ NO

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

Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**Street Address: **P.O. BOX 747**City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**Country: **USA**6. Total No. of applications/patents involved: **one (1)**7. Total fee (37 C.F.R. § 3.41): **\$40.00**

- ☒ Enclosed  
☒ Authorized to be charged to deposit account,  
 if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page  
if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

Michael K. Mutter, #29,680  
Name of Person Signing/Reg. No.

  
Signature

February 5, 2003  
Date

Total number of pages including cover sheet, attachments, and document: **five (5)**

02/16/2003 ECDOPER 00000071 10112873

01 FC:8021

40.00 OP

MKM/kdb

(Rev. 11/22/02)

**PATENT**  
**REEL: 013726 FRAME: 0091**

**ASSIGNMENT**

WHEREAS, Mitsubishi Electric Information Technology Centre Europe B.V., a corporation organized and existing under and by virtue of the laws of United Kingdom, having an office at 20 Frederick Sanger Road, The Surrey Research Park, Guildford, Surrey GU2 5YD United Kingdom, is the owner by previous assignment, dated October 4, 2002, of the entire undivided right, title and interest of Wieslaw Jerzy Szajnowski, in and to an invention for new and useful improvements in or relating to SIGNAL DETECTION for which an application for Letters Patent in the United States was executed on April 10, 2002 and assigned Application Number 10/112,873, and is the owner of an undivided right, title and interest in and to said application by said previous assignment;

WHEREAS, Mitsubishi Denki Kabushiki Kaisha, a corporation organized and existing under and by virtue of the laws of Japan, having an office at 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan, is desirous of acquiring the entire right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained;

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, the said Mitsubishi Electric Information Technology Centre Europe B.V., has sold, assigned and transferred and does hereby sell, assign and transfer unto the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, its entire undivided right, title and interest in and to the said application and the invention therein contained, including all rights of action and damages for past infringement, and including the right to apply for any Letters Patent in the United States of America and in all foreign countries on said invention and including the right to claim the priority of the date of filing in the United States and any Letters Patent that may issue thereon, or therefor, in the United States and foreign countries and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent may be issued, to be held and enjoyed by the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns the same as it would have been held and enjoyed by Mitsubishi Electric Information Technology Centre Europe B.V., if this assignment and sale had not been made.

AND, Mitsubishi Electric Information Technology Centre Europe B.V., hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patents to the

said Mitsubishi Denki Kabushiki Kaisha, in accordance with this instrument of assignment.

Mitsubishi Electric Information Technology Centre Europe B.V., hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interests granted herein and that Mitsubishi Electric Information Technology Centre Europe B.V., will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and Mitsubishi Electric Information Technology Centre Europe B.V., binds itself and its heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns to file applications for the said improvements and invention in any country where it may elect to file such applications, and that may be necessary to vest in the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

AND, Mitsubishi Electric Information Technology Centre Europe B.V., further covenants and agrees, in consideration of the premises, that it, its executors and administrators will, at any

time upon request, communicate to the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by the said Mitsubishi Denki Kabushiki Kaisha, its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Mitsubishi Electric Information Technology Centre Europe B.V., have hereunto set my hands and seal this 23rd day of October 2002.

Mitsubishi Electric Information  
Technology Centre Europe B.V.,

By: \_\_\_\_\_



Title: \_\_\_\_\_

**DR. PAUL RUTUFF™**  
**Technical Director VIL**