

07-26-2005

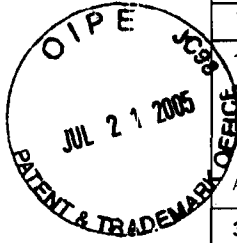
Form PTO-1595 (Rev. 03-05)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103047590

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.



1. Name of conveying party(ies):  
Mitsubishi Electric Information Technology Centre  
Europe B.V.

Additional name(s) of conveying party(ies) attached?  Yes  No

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: \_\_\_\_\_

Country: JAPAN Zip: 100-8310

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): March 12, 2003

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

4. Application or patent number(s):  This document is being filed together with a new application.

A. Patent Application No.(s)

10/210,103

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Michael K. Mutter  
BIRCH, STEWART, KOLASCH & BIRCH,  
LLP

Internal Address: Atty. Dkt.: 1906-0106P

Street Address: 8110 Gatehouse Rd  
Suite 100 East  
P.O. Box 747

City: Falls Church

State: VA Zip: 22040-0747

Phone Number: (703) 205-8000

Fax Number: (703) 205-8050

Email Address: mutter@bskb.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

9. Signature:  \_\_\_\_\_  
Signature Date July 21, 2005

Michael K. Mutter - 29,680

Name of Person Signing

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

07/25/2005 6TON11 00000074 10210103

01 FC:8021

40.00 OP

**ASSIGNMENT**

WHEREAS, Mitsubishi Electric Information Technology Centre Europe B.V., a corporation organized and existing under and by virtue of the laws of The Netherlands, 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 22 August, 2002 and 28 August, 2002, of the entire undivided right, title and interest of Javier Echavarri and Robert Barnard Heaton, in and to an invention for new and useful improvements in or relating to Method and Apparatus for Detecting Data Sequences for which an application for Letters Patent in the United States was executed on 22 August, 2002 and 18 August, 2002 and assigned Application Number 10/210,103, 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 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 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 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, 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 twelfth day of March 2003.

Mitsubishi Electric Information Technology Centre Europe B.V.,

By: 

Title: Technical Director