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Reference No.: 20451/138239-US-07

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U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Masahito Matsuo

Additional name(s) of conveying parties attached? Yes
 No.

2. Name and address of receiving party(ies)

Name: Mitsubishi Denki Dabushiki Kaisha

Internal Address:

Street Address: 2-3, Maranouchi 2-Chome, Chiyoda-ku

City: Tokyo Country: Japan ZIP:

Additional names and addresses attached? Yes No

3. Nature of conveyance:

 Assignment Merger

 Security Agreement Change of Name

 Other:

Execution Date: September 24, 1999

4. Application Number(s) or Patent Numbers.

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

A. Patent Application No(s): 09/359,843 B. Patent No(s):

Additional numbers attached? Yes No

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

Name: Daniel D. Tagliaferri
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$

 Enclosed Charge Fees to Deposit Account

 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

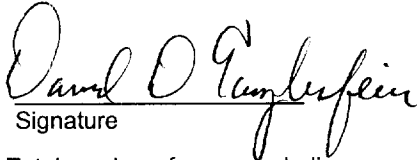
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Daniel D. Tagliaferri
Name of Person Signing

Atty Reg. No. 43,178


Signature

10/5/99
Date

Total number of pages including cover sheet, attachments and document 3

10. Change Correspondence Address to that of Part 5? Yes No

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Asst. Commissioner for Patents
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PATENT
REEL: 010293 FRAME: 0103

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Toyohiko Yoshida

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

SF 1031636 v1

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Masahito Matsuo, of c/o Mitsubishi Denki Kabushiki Kaisha, Eru Esu, AI Kenkyusho, 1, Mizuhara 4-chome, Itami-shi, Hyogo-ken, 664-0005, Japan, Toyohiko Yoshida, of c/o Mitsubishi Denki Kabushiki Kaisha, Eru Esu, AI Kenkyusho, 1, Mizuhara 4-chome, Itami-shi, Hyogo-ken, 664-0005, Japan, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: DATA PROCESSOR
Date(s) of Execution: _____
Filing Date: July 23, 1999
Application No.: 09/359,843; and

WHEREAS, Mitsubishi Denki Dabushiki Kaisha, of 2-3, Maranouchi 2-Chome, Chiyoda-Ku, Tokyo, Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dated indicated.

Dated: September 24, 1999

Masahito Matsuo
Masahito Matsuo

Dated: September 24, 1999

Toyohiko Yoshida
Toyohiko Yoshida