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

1. Name of conveying party(ies): Akira Murotani 3-5-02

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

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other:

2. Name and address of receiving party(ies) Hitachi, Ltd. 6, Kanda Surugadai 4-chome Chiyoda-ku Tokyo, Japan

Additional names and addresses attached? Yes No

Execution Date: February 1, 2002

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): 09/964,069 B. Patent No(s): Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert C. Colwell 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): \$40.00 Enclosed Authorized to be charged to deposit account

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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. Joe Liebeschuetz Name of Person Signing Atty. Reg. No. 37,505 Signature Date February 19, 2002

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

Mail documents to be recorded with required cover to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

03/13/2002 AAHMED1 00000116 201430 09964069

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PATENT REEL: 012660 FRAME: 0619



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

Tetsuya Kishimoto
Akemi Sanada

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)

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09/964,069 (¥)

ASSIGNMENT
(讓渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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***U.S. Serial No. 09/932240 filed on August 17, 2001**
invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) Chirisa Guwatani

Feb. 1, 2002

2) Tetsuya Kishimoto

Feb. 1, 2002

3) Akemi Sanada

Feb. 1, 2002

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____
