B/O FORM PTO 1595 (1/31/92) Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and Address of Receiving Party(ies): 1. Name of Conveying Party(ies). KAZUYOSHI HOSHINO AND HIROAKI Hitachi, Ltd. Name: **ODAWARA** Address: 6, Kanda Surugadai 4-chome Additional names of conveying parties attached Chiyoda-ku, Tokyo, Japan Nature of Conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Dates: June 11, 2002 and June 12, 2002 (a) Patent Application Number(s): (b) Patent Numbers: If this document is being filed together with a new application, the execution dates of the application are: June 11, 2002 and June 12, 2002 Additional Numbers Attached. 5. Name and Address of Party to whom Correspondence Total Number of Applications and Patents Involved: 1 Concerning this Document Should be Mailed: Stanley P. Fisher Name: \$40.00 Total Fee: (37 C.F.R. § 3.41) Reed Smith LLP Address: Enclosed. 3100 Fairview Park Dr. Authorized to be charged to deposit account. Suite 1400 Falls Church, Va. 22042 Deposit Account Number: 08-1480 ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT DO NOT USE THIS SPACE Statement and Signature: To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document. July 15, 2002 stration No. 34,072 Stanley P. Fisher, Registration No. 24, 344 Total number of pages comprising cover sheet: 00000054 10194316

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PATENT REEL: 013102 FRAME: 0894

ASSIGNMENT

(譲渡証)

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 b 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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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 our signatures:

RECORDED: 07/15/2002

INIVENITOD(C)

(発明者フルネームサイン)	(署名日)
1) Kazuyoshi Hoshino 2) Aforrahi Odawan	6/11/2002
2) Aforrahi Odawan	6/12/200 2
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