01-13-2003



RECORDATION FORM COVER SHEET PATENTS ONLY 102335747 ... a.0324 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): Name of Conveying Party(ies): (1) Kazuhiko YANAGAWA, (2) Masuyuki Name: Hitachi, Ltd. OOTA, (3) Keiichiro ASHIZAWA and (4) Address: 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, Japan Masayuki HIKIBA Additional names of conveying parties attached Nature of Conveyance: Assignment Merger Security Agreement Change of Name Execution Date: (1)(2)(3) March 27, 2000 and (4) March 29, 2000 (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: 10/338008 Additional Numbers Attached Name and Address of Party to whom Correspondence Total Number of Applications and Patents Involved: 1 Concerning this Document Should be Mailed: \$40.00 Total Fee: Name: Stanley P. Fisher (37 C.F.R. § 3.41) Reed Smith LLP Enclosed. Address: 3100 Fairview Park Dr. Authorized to be charged to deposit account Suite 1400 Falls Church, Va. 22042 Deposit Account Number: 08-1480

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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 copy of the original document.

Stanley P. Fisher, Registration No. 24, 344

Total number of pages comprising cover sheet: 1

January 8, 2003

Juan Carlos A Registration No Marquez

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PATENT REEL: 013640 FRAME: 0954

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 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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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:

RECORDED: 01/08/2003

INVENTOR(S)	Date Signed
(発明者フルネームサイン)	(署名日)
1) Kazulite Yangana	March 27, 2000
2) Maryhi Ohta	march 29, 2000
3) Keirch: vo Osh: zama	March 27. 2000
4) Masayulci Hikiba	March 29. 2000
5)	
6)	
7)	
8)	
9)	
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PATENT REEL: 013640 FRAME: 0955