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OMB No. 0651-0027 (exp. 6/30/2005)	PAI		
Attorney Docket No. 056207.5315	57US#298935		
To the Honorable Commissione	r of Patents and Trader	102652079 narks. Please record the attached or	iginal documents or copy thereof
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(1) Shiho IZUMI (2) Hiroshi KU Satoru KURAGAKI			175529
1.13.04		2. Name and address of receive	ving party(ies)
Additional name(s) of conveying party(ies) attached?   Yes  No		Name: Hitachi, Ltd., a corpora Japan 6, Kanda Surugadai 4-c 101-8010, Japan	
3. Nature of Conveyance:			
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Execution Date: (1) December 16 December 25, 2003 and (3) Dece			
Application number(s) or paten	ıt number(s):	1075529	~
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**PATENT REEL: 014890 FRAME: 0394** 

## 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 or us citizen(s) 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 or us 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: 01/13/2004

INVENTOR(S)	Date Signed
(発明者フルネームサイン)	(署名日)
1) Shiho 12UMI Shiho Izumi	12/16/2003
2) Hiroshi KURODA Hiroshi Kuroda	12/25/2003
3) Satoru KUFIAGAKI Satoru Kuragahi	12/17/2003
4)	
5)	
6)	
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