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Attorney Docket Number: 572.41138X00

<b>Form PTO-1595</b> (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <b>WAKAI, JUNNOSUKE</b> <b>MASUKAWA, HIROFUMI</b> <b>KAWASHIMA, TAKETOSHI</b> <b>HAKUTA, KAZUMI</b> <b>BABA, TOMOHIRO</b>			2. Name and address of receiving party(ies) Name: <b>HITACHI, LTD.</b> Internal Address: <b>6, Kanda Surugadai 4-chome, Chiyoda-ku</b> <b>Tokyo, Japan</b> Street Address: City: _____ State: _____ Zip: _____ <input type="checkbox"/> Other		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			Execution Date: <b>December 6, 17, 18, 6, 6, 24, 2001, January 9, 2002.</b>		
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: <b>December 6, 17, 18, 6, 6, 24, 2001, January 8, 2002.</b>					
A. Patent Application No.(s)			B. Patent Registration No.(s)		
Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <b>Antonelli, Terry, Stout &amp; Kraus, LLP</b>  Internal Address:  <b>1300 North Seventeenth Street</b> <b>Suite 1800</b> <b>Arlington, VA 22209</b> <b>USA</b>  City: _____ State: _____ Zip: _____			6. Total number of applications and patents involved <b>1</b>  7. Total fee (37 CFR 3.41)..... <b>\$40.00</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number:  <b>01-2135</b>  (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <div style="display: flex; justify-content: space-between;"> <div> <b>Carl I. Brundidge</b>          Name of Person Signing       </div> <div style="text-align: center;">           Signature       </div> <div> <b>February 4, 2002</b>          Date       </div> </div>					
Total number of pages including cover sheet, attachments, and document: <b>2</b>					

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**PATENT**  
**REEL: 12555 FRAME: 0953**

# 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:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) <u>Junnosuke Wakai</u>	<u>December 6, 2001</u>
2) <u>Hirofumi Masukawa</u>	<u>Dec 17, 2001</u>
3) <u>Takatoshi Kawashima</u>	<u>Dec 18, 2001</u>
4) <u>Kazumi Hakuta</u>	<u>December 6, 2001</u>
5) <u>Tomohara Baba</u>	<u>December 6, 2001</u>
6) <u>Shiro Ohtani</u>	<u>Dec 24, 2001</u>
7) <u>Nisanori Kimoto</u>	<u>January . 08 . 2002</u>
8) _____	_____
9) _____	_____
10) _____	_____