To the Honorable Commissioner of Patents

1. Name of conveying party(ies):
   Yoshiaki SATO
   Mitsuru KATAMOTO
   Hironobu KAWAHARA
   Minoru SORAOKA
   Tsuyoshi UMEMOTO
   ☑ Assignment  ☐ Merger
   ☐ Security Agreement  ☐ Change of Name
   ☐ Other
   Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

   Execution Date: November 2, 1994

2. Name and address of receiving party(ies):
   Name: Hitachi, Ltd.
   Internal Address:
   Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku
   City: Tokyo Country: Japan Zip: 100
   Additional name(s) & address(es) attached? ☐ Yes ☐ No

3. Nature of conveyance: MRD 9-3-98

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)
      Serial No.: 08/340,337
      Filed: November 14, 1994
   B. Patent No.(s)
   Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP
   Internal Address:
   Street Address: 1300 North Seventeenth Street
                  Suite 1800
   City: Arlington, State: VA Zip: 22209

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) $40.00
   ☒ Enclosed
   ☐ Any deficiencies may be charged to deposit account
   ☐ Authorized to be charged to deposit account

8. Deposit account number: 01-2135
   (Attach duplicate copy of this page if paying by deposit account)

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   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.

   William L. Solomon  Signature  August 21, 1998
   Name of Person Signing  Date
   Attorney Registration No. 28,565

Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)  PATENT
REEL: 9412 FRAME: 0616
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 8, Kanda Surugadai 1-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

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:

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<tr>
<th>INVENTOR(S)</th>
<th>Date Signed</th>
<th>Witnesses</th>
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<tr>
<td>(発明者フルネームサイン)</td>
<td>(署名日)</td>
<td>(立会人サイン)</td>
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<tr>
<td>1) Y. Akai</td>
<td>November 2, 1994</td>
<td>Fujikatsu, H. K.</td>
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<tr>
<td>2) M. Katamoto</td>
<td>November 2, 1994</td>
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<td>3) H. Kaneko</td>
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<td>4) T. Saeki</td>
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<td>5) T. Nishino</td>
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<td>6) T. Tsuruta</td>
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<td>7) K. Kudo</td>
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<td>8) T. Yokoi</td>
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<td>9) H. Kakutani</td>
<td>November 2, 1994</td>
<td>Fujikatsu, H. K.</td>
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RECORDED: 09/03/1998
REEL: 9412 FRAME: 0617