To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Makoto IIDA; Satoshi SUZUKI; Eiichi IIINO;
   Masanori KIMURA; and Shozo MURAOKA

   Additional name(s) of conveying party(ies) attached? ☐ No

2. Name and address of receiving party(ies):
   SHIN-ETSU HANDOTAI CO., LTD.
   4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan

   Additional name(s) & address(es) attached? ☐ Yes ☐ No

3. Nature of conveyance:
   ☑ Assignment

   Execution Date: October 16, 1998 ALL INVENTORS

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: October 16, 1998
   A. Patent Application No.(s)
   B. Patent No.(s)

   Additional numbers attached? ☐ Yes ☑ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   William H. Wright, Esq.
   LOEB & LOEB LLP
   10100 Santa Monica Blvd., 22nd Floor
   Los Angeles, CA 90067-4164

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) $ 40.00
   ☑ Enclosed
   ☐ Authorized to be charged to deposit account

8. Deposit account number:
   12-1820

   (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 is true and correct and any attached copy is a true copy of the original document.

   ________________________________
   William H. Wright

   Date: November 20, 1998

Mail documents to be recorded with required cover sheet information to:

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 9603 FRAME: 0200
In consideration of the sum of one dollar ($1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

<table>
<thead>
<tr>
<th>(9) Insert name of Assignee</th>
<th>(9) Shin-Etsu Handotai Co., Ltd.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(10) Insert state of Incorporation of Assignee</td>
<td>(10) Japan</td>
</tr>
<tr>
<td>(11) Insert address of Assignee</td>
<td>(11) of 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan (hereinafter designated as the Assignee), its successors and assigns, the entire and exclusive worldwide right, title and interest in, any Letters Patent which may be granted and issued for, any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated with the invention known as</td>
</tr>
<tr>
<td>(12) Insert identification of Invention, such as Title, Case Number or Foreign App. Number</td>
<td>(12) Japanese Patent Application No. 9-338107 for which the undersigned has (have) executed an application for patent in the United States of America, application Serial No. filed</td>
</tr>
<tr>
<td>(13) Insert Date of Signing of Declaration</td>
<td>(13) on October 16, 1998</td>
</tr>
</tbody>
</table>

(1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

(2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every possible way in obtaining evidence and going forward with such interference.

(3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

(4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

(5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.


| Date: October 16, 1998 | (1) Signature of Inventor: Makoto Iida (SEAL) |
| Date: October 16, 1998 | (2) Signature of Inventor: Satoshi Suzuki (SEAL) |
| Date: October 16, 1998 | (3) Signature of Inventor: Eiichi Iino (SEAL) |
| Date: October 16, 1998 | (4) Signature of Inventor: Masanori Kimura (SEAL) |
| Date: October 16, 1998 | (5) Signature of Inventor: Shozo Muraoka (SEAL) |
| Date: | (6) Signature of Inventor: (SEAL) |