| ORM P. O-1595 (Modified)  Rev. 6-93)  ONB No. 0651-9011 (exp. 4/94)  Contribut 1996-07 Legal Star  | -1999  | ΞT   |  | ENT OF COMMERC<br>and Trademark Office |
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| Copyright 1996-97 LegalStar<br>Po8A/REV02  |  | _  | _  |  |
| Tab settings → → ▼   |  | <b>V</b>   | ·  | • • • • • • • • • • • • • • • • • • •  |
|  | 98498  |  | inal documents                                 | or copy thereof.                       |
| Name of conveying party(ies):  | 2. Name and  | d address of rece  | iving party(les):                              |  |
| Seiji Motojima   | Name:  | Japan Science  | and Technol                                    | ogy Corporat                           |
|  | Address:   | 1-8. Honch   | o, 4-chome,                                    | 0                                      |
| •  | Address.   |  |  | a @ 35 a                               |
| Additional names(s) of conveying party(ies)  |  | Kawaguchi-   | shi  | 8.1                                    |
| 3. Nature of conveyance:   |  |  |  | 202                                    |
| Assignment   |  |  |  | 0348                                   |
|  |  |  |  | <u> </u>                               |
| ☐ Security Agreement ☐ Change of Name  | City: S  | anama  | State/Pr                                       | rov.:                                  |
| ☐ Other  | Country:   | JAPAN  | ZIP:   | 332-0012                               |
| Execution Date: March 15, 1999   | A 1.200  |  | <b>D</b> v                                     | <b></b>                                |
| LAGUERION DAIG. NAICH 13, 1777   | Additional nam   | ne(s) & address(es)  | ☐ Yes  | X) No                                  |
| Patent Application No. Filing date   | on, the execution<br>B. F  | Patent No.(s)  |  |  |
| Additional number  | B. F   |  |  |  |
|  | B. F   | Patent No.(s)  | ns and patents in                              | nvolved: 1                             |
| Additional number 5. Name and address of party to whom correspondence  | B. F   | Patent No.(s)  |  |  |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless   | B. F   | No No (37 CFR 3.41):   | \$ 40  | .00                                    |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  | B. F  S Yes  6. Total num  7. Total fee  Credit                                | Patent No.(s)  No  Subserved application   | \$ 40  | .00                                    |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma  | B. F  S. Total num  7. Total fee  Enclo  | No Takent No.(s)  No Takent No.(s)  No Takent No.(s)  No Takent No.(s)   | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  | B. F  S. Total num  7. Total fee  Enclo  | Patent No.(s)  No  There of application  (37 CFR 3.41):  | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma  | B. F  S. Total num  7. Total fee  Enclo  | Patent No.(s)  No  There of application  (37 CFR 3.41):  seed - Any excess the ded to deduce the control of the charge               | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushman 130 Water Street  | B. F  S. Total num  7. Total fee  Enclo  | No Takent No.(s)  No Takent No.(s)  No Takent No.(s)  No Takent No.(s)   | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
| Additional number  5. Name and address of party to whom correspondence conceining document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma 130 Water Street  City: Boston State/Prov.: MA   | B. F  S. Total num  7. Total fee  Enclo  | Patent No.(s)  No  There of application  (37 CFR 3.41):  sed - Any excess ed or debited to or  prized to be charge  ccount number:   | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
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| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma 130 Water Street  City: Boston State/Prov.: MA  Country: U.S.A. ZIP: 02109   | B. F  Total num  7. Total fee  Enclo credit Author  8. Deposit a               | Patent No.(s)  No  There of application  (37 CFR 3.41):  sed - Any excess ed or debited to or  prized to be charg  ccount number:    | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma 130 Water Street  City: Boston State/Prov.: MA  Country: U.S.A. ZIP: 02109  03/26/1999 JSHABAZZ 00000199 09271708  | B. F  S. Yes  6. Total num  7. Total fee  Enclo credit LLP Autho  8. Deposit a | Patent No.(s)  No  There of application  (37 CFR 3.41):  sed - Any excess ed or debited to or  prized to be charg  ccount number:    | \$ 40<br>s or insufficiency<br>deposit account | .00<br>should be                       |
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| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma 130 Water Street  City: Boston State/Prov.: MA  Country: U.S.A. ZIP: 02109  03/26/1999 JSHABAZZ 00000199 09271708  | B. F  Total num  7. Total fee  Enclo credit Autho  8. Deposit a  04-1          | Patent No.(s)  No  There of application  (37 CFR 3.41):  sed - Any excess ed or debited to conized to be charge  ccount number:  105 | or insufficiency deposit account ac            | .00<br>should be                       |
| Additional number  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Peter F. Corless  Registration No. 33,860  Address: Dike, Bronstein, Roberts & Cushma 130 Water Street  City: Boston State/Prov.: MA  Country: U.S.A. ZIP: 02109  03/26/1999 JSHABAZZ 00000199 09271708  01 FC:581  9. Statement and signature.  To the best of my knowledge and belief, the foregoing informatic party of the | B. F  Total num  7. Total fee  Enclo credit Autho  8. Deposit a  04-1          | Patent No.(s)  No  There of application  (37 CFR 3.41):  sed - Any excess ed or debited to conized to be charge  ccount number:  105 | or insufficiency deposit account ac            | .00<br>should be                       |

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| Attorney | Docket | No. |      |      |
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|          |        | Pag | ze 1 | of 2 |

## ASSIGNMENT

| WHEREAS, the following inventor(s): Seiji MOTOJIMA   |
|--|
| (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in   |
| for which application for Letters Patent of the United States has been filed on, Serial No; and  |
| WHEREAS, JAPAN SCIENCE AND TECHNOLOGY CORPORATION.  A Corporation having its principal place of business at 1-7. Honds 4-chord, Kausguch, Sir, Labora, 1922 (MAN), its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and to any Letters Patent(s) that may be granted therefor in the United States of America; |

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to the undersigned, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

PATENT

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The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts & Cushman, LLP of 130 Water Street, Boston, Massachusetts 02109-4280, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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

In witness whereof, signed by the undersigned on the date(s) opposite the undersigned names.

| Date: March 15, 1999 | Signature of Inventor Seigi Metizina |
|----------------------|--------------------------------------|
|                      | Name: Seiji MOROJIMA                 |
| Date:                | Signature of Inventor:               |
|                      | Name:                                |
| Date:                | Signature of Inventor:               |
|                      | Name:                                |
| Date:                | Signature of Inventor:               |
|                      | Name:                                |
| Date:                | Signature of Inventor:               |
|                      | Name:                                |

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