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TO THE ASSISTANT COMMISSIONER



inal documents or copy thereof.

1. Name of conveying party(ies): (If multiple, numerically)

102186908

Address of receiving party(ies):

1. Yoshihisa Inoue
2. Victor Borovkov
3. Juha Lintuluoto

5.30.02

Name: JAPAN SCIENCE AND TECHNOLOGY CORPORATION

Address: 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012, Japan

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment  
( ) Merger  
( ) Security Agreement  
( ) Change of Name  
( ) Other:

4. Application number(s) or Patent number(s):

10/148652

(X) Application(s) filed herewith  
Execution Date(s): All executed 05/16/02( ) Patent Application No.:  
Filing Date:( ) Patent No.:  
Issue Date:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) All executed 05/16/02

Additional numbers attached? ( ) Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Daniel E. Altman  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995  
Internal Address: Sixteenth Floor  
Street Address: 620 Newport Center Drive  
City: Newport Beach State: CA ZIP: 92660  
Attorney's Docket No.: SAEG114.001APC

7. Total fee (37 CFR 1.21(h)): \$40.00

(X) Enclosed  
( ) Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

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.

Katsuhiko Arai

Name of Person Signing

  
Signature

May 30, 2002

Date

43,315

Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

06/07/2002 GFREY1 00000164 10148652

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U.S. Patent and Trademark Office  
Attn: Assignment Division  
Crystal Gateway-4  
1213 Jefferson Davis Highway, Suite 320  
Arlington, VA 22202

## ASSIGNMENT

WHEREAS, I/WE (1) INOUE Yoshihisa,a Japanese citizen, residing at 4-3-5-1308, Higashi-Izumigaoka, Toyonaka-shi,  
Osaka 560-0861, Japan(2) BOROVKOV Victora Russian citizen, residing at Asahi-Plaza Senri C-212, 4-8, Kamishinden,  
Toyonaka-shi, Osaka 565-0085, Japan(3) LINTULUOTO Juhaa Finnish citizen, residing at The 29-703, 1-10-18, Higashinakajima,  
Higashiyodogawa-ku, Osaka-shi, Osaka 533-0033, Japanhereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new  
and useful improvements in METHOD OF DETERMINING ABSOLUTE CONFIGURATION OF CHIRAL COMPOUND

the specification of which:

(a) is attached hereto; or

(b) was filed on \_\_\_\_\_ as Application  
No. \_\_\_\_\_ or Express Mail No., as Application No. not  
yet known \_\_\_\_\_ and was amended  
on \_\_\_\_\_ (if applicable); or(c) ☒ was described and claimed in PCT International Application No.  
PCT/JP00/08559 filed on December 4, 2000  
and as amended under PCT Article 19 on \_\_\_\_\_  
(if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).AND WHEREAS, JAPAN SCIENCE AND TECHNOLOGY CORPORATION,with its principal place of business at 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012, Japan,  
(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said  
improvements with respect to the United States of America, its territories and possessions.NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby  
acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these  
presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and  
assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to  
and under said improvements, and any Patent Applications in the United States of America and all divisions,  
renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon  
and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor  
hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for

said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 16th day of May, 20 02

Signature of

  
INOUE Yoshihisa

This 16th day of May, 20 02

Signature of

  
BOROVKOV Victor

This 16th day of May, 20 02

Signature of

  
LINTULUOTO Juha