

09-05-2000

09/530395

Atty. Docket No.: 54-2077

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26 Rec'd PCT/PTO 28 APR 2000

101449231  
RECORDATION FORM COVER SHEETTo the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

DEGUCHI, Hiroyuki; MIYAHARA, Norio;

URASAKI, Shuji; MATSUMOTO, Soichi;

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

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Date: February 29, 2000, February 29, 2000, February 29, 2000, February 29, 2000, April 3, 2000, February 29, 2000 and February 29, 2000, respectively.

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:

February 21, 2000, February 22, 2000, February 25, 2000, February 29, 2000, April 3, 2000, February 27, 2000, and February 21, 2000 respectively,

A. Patent Application No(s).

New

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

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

Name: BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH, VA ZIP: 22040-0747

Country: USA

40.00 00

6. Total No. of applications/patents involved: One (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page if paying by deposit account)

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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.

D Richard Anderson, #40,471

for Michael K. Mutter, #29,680  
Name of Person Signing/Reg. No.

Signature

April 28, 2000

Date

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

MKM/cqc

(Rev. 04/19 2000)

PATENT  
REEL: 011033 FRAME: 0205

Attachment to  
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

**ISHIGURO, Masato; MIZUNO, Tomohiro; MAKINO, Shigeru**

Continuation of Box 2--Name and address of receiving party(ies):

**JAPAN REPRESENTED BY DIRECTOR-GENERAL NATIONAL ASTRONOMICAL OBSERVATORY  
21-1, Osawa 2-chome, Mitaka-shi, Tokyo 181-8588 JAPAN**

Continuation of Box 4--Application number(s) or patent number(s):

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Hiroyuki DEGUCHI, Norio MIYAHARA, Shuji URASAKI, Soichi MATSUMOTO,  
Masato ISHIGURO, Tomohiro MIZUNO and Shigeru MAKINO

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA

of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN; and

JAPAN REPRESENTED BY DIRECTOR-GENERAL NATIONAL ASTRONOMICAL OBSERVATORY  
of 21-1, Osawa 2-chome, Mitaka-shi, Tokyo 181-8588 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled  
APPARATUS FOR MEASURING AND ADJUSTING MIRROR SURFACE OF ANTENNA

which was executed by the undersigned on \_\_\_\_\_  
 or was filed on August 27, 1999 and accorded Serial No.  
PCT/JP 99/04632 (hereinafter called the Application);

- (ii) any and all inventions and improvements which are described in the Application ;  
 (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent) ;  
 (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and  
 (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

## INVENTOR(S) :

## DATE

(Hiroyuki DEGUCHI)	<u>Hiroyuki Deguchi</u>	<u>Feb. 29, 2000</u>
(Norio MIYAHARA)	<u>Norio Miyahara</u>	<u>Feb. 29, 2000</u>
(Shuji URASAKI)	<u>Shuji Urasaki</u>	<u>Feb. 29, 2000</u>
(Soichi MATSUMOTO)	<u>Soichi Matsumoto</u>	<u>Feb. 29, 2000</u>
(Masato ISHIGURO)	<u>Masato Ishiguro</u>	<u>Apr. 3, 2000</u>
(Tomohiro MIZUNO)	<u>Tomohiro Mizuno</u>	<u>Feb. 29, 2000</u>
(Shigeru MAKINO)	<u>Shigeru Makino</u>	<u>Feb. 29, 2000</u>