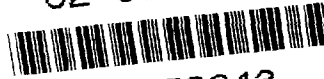


REC

02-05-2002

SHEET

Docket No. 02027/HG



101972643

To the Honorable Commissioner of Patents

Remarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Noriaki MASUI  
Shigeru DEGUCHI  
Kaoru TSUJII  
Koki HORIKOSHI

2. Name and address of receiving party(ies):

JAPAN MARINE SCIENCE & TECHNOLOGY CENTER  
2-15, Natsushima-cho, Yokosuka-shi,  
Kanagawa 237-0061 Japan

01/16/02

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): January 15, 2002, January 15, 2002, January 15, 2002,  
January 15, 2002, 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 as follows:

January 15, 2002, January 15, 2002, January 15, 2002,  
January 15, 2002, respectively.

A. Patent Application No. (s)

B. Patent No.(s)

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

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.  
767 Third Avenue, 25th Floor  
New York, New York 10017-2023

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Amount included with filing fee attached hereto.

Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

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.

Dated: January 18, 2002

By HERBERT GOODMAN  
Reg. No. 17,081

Express Mail" Mailing Label No. EL 922 087 785 US

Date of Deposit: January 18, 2002

I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Lori Valdes  
Lori Valdes

8/4/93

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

02/04/2002 LMUELLER 00000167 10053407

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40.00 OP

### ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

sell and assign to JAPAN MARINE SCIENCE & TECHNOLOGY CENTER

a corporation of JAPAN 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa  
 having a business address at 237-0061 JAPAN

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

SERIAL NO.:

FILING DATE:

Frishauf, Holtz, Goodman, Langer & Chick, P.C., 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023.

**INVENTOR: SIGNATURE**

**DATE**

**ADDRESS**


Sign: <i>Noriaki Masui</i>	Date: January 15, 2002	Address: c/o JAPAN MARINE SCIENCE & TECHNOLOGY CENTER, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, 237-0061 JAPAN
Type: Noriaki Masui	Witness:	
Sign: <i>S Deguchi</i>	Date: January 15, 2002	Address: c/o JAPAN MARINE SCIENCE & TECHNOLOGY CENTER, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, 237-0061 JAPAN
Type: Shigeru Deguchi	Witness:	
Sign: <i>Kaoru Tsujii</i>	Date: January 15, 2002	Address: c/o JAPAN MARINE SCIENCE & TECHNOLOGY CENTER, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, 237-0061 JAPAN
Type: Kaoru Tsujii	Witness:	

**NOTES: MUST BE DATED.                      WITNESS DESIRABLE.                      LEGALIZATION NOT REQUIRED.**

RECORDING OFFICER:

After recording, please return to:  
**FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.**  
 767 Third Avenue - 25th Floor, New York, N.Y. 10017-2023  
 Tel. No.: (212) 319-4900      Fax No.: (212) 319-5101

# ASSIGNMENT

INVENTOR:SIGNATURE	DATE	ADDRESS
Sign: 	Date: January 15, 2002	Address: c/o JAPAN MARINE SCIENCE & TECHNOLOGY CENTER, 2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, 237-0061 JAPAN
Type: Koki Horikoshi	Witness:	
Sign:	Date:	Address:
Type:	Witness:	
Sign:	Date:	Address:
Type:	Witness:	
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