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To the Director of the

06-12-2009



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U.S. DEPARTMENT OF COMMERCE

ONLY

12/448112

the attached document.

1. Name of conveying parties:

- 1) Makoto ARAI
- 2) Kazuo SUZUKI
- 3) Koki KORA

2. Name and Address of receiving party:

National University Corporation Yokohama National University
79-1, Tokiwadai, Hodogaya-ku,
Yokohama-shi, Kanagawa 240-8501
Japan

3. Nature of conveyance:

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

Execution Date(s): 1) May 31, 2009; 2) May 25, 2009; 3) May 28, 2009

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

☒ This document is being filed together with a new application.

OR

☐ This document is being filed after filing of the application:

- (a) Patent Application No(s)., filed ; or
- (b) Patent No(s)., issued .

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

STAAS & HALSEY LLP

Our Docket: 2180.1002

Attention: John C. Garvey

1201 New York Ave., N.W., Suite 700

Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

- ☒ Enclosed
☐ Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)

John C. Garvey, Reg. No. 28,607
Name of Person Signing

Signature

June 9, 2009
Date

Total number of pages including cover sheet: 2

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Attorney Docket No.: 2180.1002

U.S. ASSIGNMENT

S.M. 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY**79-1, Tokiwadai, Hodogaya-ku, Yokohama-shi, Kanagawa 240-8501 JAPAN**

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

SHIP BUOYANCY CONTROL SYSTEM

relating to International Patent Application PCT/JP2007/073781 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on :

(Insert date of execution of application, if not concurrent)

(b) filed on :

Serial No. To be assigned:

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified date, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Makoto Arai
Makoto ARAI

May 31, 2009

Yoshitake Nakaosa
Yoshitake NAKAOSA

2) Kazuo Suzuki
Kazuo SUZUKI

May 25, 2009

Yoshitake Nakaosa
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3) Koki Kora
Koki KORA

May 28, 2009

Yoshitake Nakaosa
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4) _____

PATENT

RECORDED: 06/09/2009

REEL: 022821 FRAME: 0282