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Jun MURAMATSU
Katsuyoshi KAWAGUCHI
Kenichi ASAKAWA



2. Name and address of receiving party(ies):
1. NEC CORPORATION
7-1, Shiba 5-chome
Minato-ku, Tokyo, Japan
2. JAPAN MARINE SCIENCE AND TECHNOLOGY CENTER
2-15, Natsushima-cho
Yokosuka-shi, Kanagawa, Japan

Additional name(s) of conveying party(ies) attached? Yes No
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6-30-03

Execution Date: June 17, 2003
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:
A. Patent Application No.(s)
10/365,412

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
WASHINGTON OFFICE

23373
PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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Robert M. Masters Reg. No. 35,603 June 30, 2003 Date

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PATENT
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Assignment

Whereas, I / We,

Jun MURAMATSU, Katsuyoshi KAWAGUCHI and Kenichi ASAKAWA of Tokyo, Japan; Yokosuka-shi, Japan; and Yokosuka-shi, Japan, respectively,

hereinafter called assignor(s), have invented certain improvements in

SUBMARINE CABLE POWER FEEDING SYSTEM

and executed an application for Letters Patent of the United States of America therefor on

June 17, 2003 ; and

Whereas,

**NEC Corporation,
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, and
Japan Marine Science and Technology Center,
2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, Japan**

(assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U. S. C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I / We hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/365,412 , filed February 13, 2003) the filing date and application number of said application when known.

Date: June 17, 2003

Jun Muramatsu



Jun MURAMATSU

Katsuyoshi KAWAGUCHI

Kenichi ASAKAWA

Witness:

Machio Kasai

[Signature]

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2003 1840

Assignment

Whereas, I / We,

Jun MURAMATSU, Katsuyoshi KAWAGUCHI and Kenichi ASAKAWA of Tokyo, Japan; Yokosuka-shi, Japan; and Yokosuka-shi, Japan, respectively,

hereinafter called assignor(s), have invented certain improvements in

SUBMARINE CABLE POWER FEEDING SYSTEM

and executed an application for Letters Patent of the United States of America therefor on May 22, 2003 and May 21, 2003 ; and

Whereas,

**NEC Corporation,
7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, and
Japan Marine Science and Technology Center,
2-15, Natsushima-cho, Yokosuka-shi, Kanagawa, Japan**

(assignee(s)), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U. S. C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I / We hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 10/365,412 , filed February 13, 2003) the filing date and application number of said application when known.

Date: May 22, 2003

Jun MURAMATSU

Katsuyoshi Kawaguchi

Katsuyoshi KAWAGUCHI

Date: May 21, 2003

Kenichi Asakawa

Kenichi ASAKAWA

Witness:

Haroshu Kimura

K.G. Asakawa
