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## 1. Name of conveying party(ies):

Naoaki MACHIDA; Shinji IIO; Morio WADA; Daisuke HAYASHI; Shinji KOBAYASHI; Masayuki SUEHIRO; Katsuya IKEZAWA; Akira MIURA; Sadaharu OKA; Chie SATO; Mamoru HIHARA; Tsuyoshi YAKIHARA; Shinichi NAKAJIMA

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Execution Date: October 20, 2006

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## 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: October 20, 2006

A. Patent Application No.(s)  
 Unassigned

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 6. Total number of applications and patents involved:

1

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

- ☒ Enclosed.  
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PATENT

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# ASSIGNMENT

Whereas, I/we **Naoaki MACHIDA, Shinji IIO, Morio WADA, Daisuke HAYASHI, Shinji KOBAYASHI, Masayuki SUEHIRO, Katsuya IKEZAWA, Akira MIURA, Sadaharu OKA, Chie SATO, Mamoru HIHARA, Tsuyoshi YAKIHARA and Shinichi NAKAJIMA**  
all of Tokyo, Japan

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

OPTICAL COMMUNICATION APPARATUS

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

October 20, 2006; and

Whereas, **YOKOGAWA ELECTRIC CORPORATION.,**  
9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, Japan

(assignee), 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 Director – U.S. Patent and Trademark Office 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/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: October 20, 2006 s/ Naoaki Machida

Date: October 20, 2006 s/ Shinji Iio

Date: October 20, 2006 s/ Morio Wada

Date: October 20, 2006 s/ Daisuke Hayashi

Date: October 20, 2006 s/ Shinji Kobayashi

Date: October 20, 2006 s/ Masayuki Suehio

Date: October 20, 2006 s/ Kotaro Shyama

Date: October 20, 2006 s/ Okira Muro

Date: October 20, 2006 s/ Sadaharu Oka

Date: October 20, 2006 s/ Choe SATO

Date: October 20, 2006 s/ Mamoru Hihara

Date: October 20, 2006 s/ Tsuyoshi Yakiwara

Date: October 20, 2006 s/ Shinichi Nakajima

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)