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U.S. DEPARTMENT OF COMMERCE

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Attorney Docket No.: 81880.0088

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

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

Michitaka OKUDA, Hiromi AJIMA, Yusuke TAKEI all signed on 6/8/00;  
Hiroschi FUJIMOTO signed on 6/19/00; Kazuyuki MIYAKE signed on 6/24/00;  
Tatsuhiko KAWAMURA signed on 6/27/00; Yasuhide SUDO signed on 6/26/00

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment

Execution Date: June 8, 19, 24, 26, 27, 2000

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

Kyocera Corporation  
6, Takeda Tobadono-cho,  
Fushimi-ku, Kyoto-shi  
Kyoto 612-8501 Japan

and

Mitsubishi Cable Industries, Ltd.  
8, Nishino-cho, Higashimukajima,  
Amagasaki-shi,  
Hyogo 660-0856 Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s): 09/579,785

If this document is being filed together with a new application, the execution date of the application is: N/A

A. Patent Application No.(s) N/A

B. Patent No.(s) N/A

Additional numbers attached? ☐ Yes ☒ No

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

Louis A. Mok, Esq.  
HOGAN & HARTSON L.L.P.  
500 South Grand Avenue, Suite 1900  
Los Angeles, CA 90071

## 6. Total number of applications and patents involved: [ 1 ]

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

☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1314

(Attach duplicate 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 is true and correct and any attached copy is a true copy of the original document.

Louis A. Mok

Date: November 1, 2000

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) Michitaka OKUDA (5) Kazuyuki MIYAKE  
 (2) Hiromi AJIMA (6) Tatsuhiro KAWAMURA  
 (3) Yusuke TAKEI (7) Yasuhide SUDO  
 (4) Hiroshi FUJIMOTO (8)
- In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
- (9) Insert name of Assignee (9) Kyocera Corporation and Mitsubishi Cable Industries, Ltd.  
 (10) Insert state of Incorporation of Assignee (10) both of a Japanese Corporation  
 (11) Insert address of Assignee (11) of 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, KYOTO 612-8501 JAPAN and 8, Nishino-cho, Higashimukaijima, Amagasaki-shi, HYOGO 660-0856 JAPAN (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as AN OPTICAL FIBER COUPLER, A PROCESS FOR FABRICATING THE SAME AND AN OPTICAL AMPLIFIER USING THE SAME for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
- (12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (12) SAME AND AN OPTICAL AMPLIFIER USING THE SAME for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
- (13) Insert Date of Signing of Application (13) on June 8, 2000, June 19, 2000, June 24, 2000, June 26, 2000 and June 26, 2000

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; STEVEN K. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 8, 2000 Signature of Inventor: Michitaka Okuda  
 Date: June 8, 2000 Signature of Inventor: Hiromi Ajima  
 Date: June 8, 2000 Signature of Inventor: Yusuke Takei  
 Date: June 19, 2000 Signature of Inventor: Hiroshi Fujimoto  
 Date: June 24, 2000 Signature of Inventor: Kazuyuki Miyake  
 Date: June 27, 2000 Signature of Inventor: Tatsuhiro Kawamura  
 Date: June 26, 2000 Signature of Inventor: Yasuhide Sudo