

110 381-40  
08-13-2001

09/868994

JC18 Rec'd PCT/PTO 22 JUN 2001

U.S. Department of Commerce  
Patent and Trademark Office

PATENT



TO: The Commissioner of Paten

**Submission Type**

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document ID #  
☐ Correction of PTO Error  
Reel # Frame #  
☐ Corrective Document  
Reel # Frame #

101808268

Attached original document(s) or copy(ies).

**Type**

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

**Conveying Party(ies)**

1. Tomonari YOSHIMURA
2. Noritaka SAITO
3. Akimitsu OKITA

**Execution Date(s)**

June 18, 2001  
June 18, 2001  
June 18, 2001

☐ Mark if Additional Names of Conveying Parties Attached

**Receiving Party**

Name Mitsubishi Rayon. Co., Ltd.  
Name  
Address 6-41, Konan 1-chome, Minato-ku, Tokyo, JAPAN  
Address  
Address Tokyo JAPAN  
City State/Country Zip Code

☐ Mark if Additional Names of Receiving Parties Attached

**Correspondent Name and Address**

(202) 419-7000

Fitch, Even, Tabin & Flannery  
1801 K Street, N.W., Suite 401L  
Washington, D.C. 20006-1201

Telephone: (202) 419-7000  
Facsimile: (202) 419-7007  
Attorney Docket No. 7393

**Pages 1** Enter the total number of pages of the attached conveyance document including any attachments:

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Numbers**

**Patent Numbers**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT/JP99/07177

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved:

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

Method of Payment:

☒ Enclosed is a check in the amount of \$40.00

☐ Charge Deposit Account No. 06-1135

Authorization to Charge Additional Fees to Deposit Account No. 06-1135: ☐ Yes ☐ No

**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. Charges to deposit account are authorized, as indicated herein.

Kendrew H. Colton

June 22, 2001

Name of Person Signing

Signature

Date

PATENT

REEL: 012050 FRAME: 0555

Please return signed/recorded to:

Fitch, Even, Tabin & Flannery  
1801 K Street, N.W., Suite 401L  
Washington, D.C. 20006-1201

USA Patent Appln.  
Sole or Joint

For inventions made outside USA  
executed with or after application  
Atty. Dkt. \_\_\_\_\_

**NONPROVISIONAL**                      **ASSIGNMENT**                      **NONPROVISIONAL**  
**OF NONPROVISIONAL APPLICATION**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT (1) Tomonari YOSHIMURA (2) Noritaka SAITO  
NAME(S) OF (3) Akimitsu OKITA (4) \_\_\_\_\_  
INVENTOR(S) (5) \_\_\_\_\_ ☐ x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT MITSUBISHI RAYON CO., LTD.  
NAME(S) OF 6-41, Konan 1-chome, Minato-ku,  
ASSIGNEE(S) Tokyo, Japan  
& ADDRESS(ES) \_\_\_\_\_

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

**TITLE OF  
INVENTION**

OPTICAL COMMUNICATION APPARATUS

for which the undersigned executed an application for Letters Patents of the United States of America:

**NOTE→→** (A) ☒ even date herewith  
(Complete (B) ☒ on June 18, 2001  
line A, B and/or C) (C) ☐ in U.S. Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

**NOTE→→** The undersigned hereby authorize(s) Fitch, Even, Tabin & Flannery of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

**INVENTORS**

**DATE SIGNED**

**WITNESSES**

1) <u>Tomonari Yoshimura</u>	<u>June 18, 2001</u>	<u>Hidetomo Ahabone</u>
Name: <u>Tomonari YOSHIMURA</u>		
2) <u>Noritaka Saito</u>	<u>June 18, 2001</u>	<u>Hidetomo Ahabone</u>
Name: <u>Noritaka SAITO</u>		
3) <u>Akimitsu Okita</u>	<u>June 18, 2001</u>	<u>Hidetomo Ahabone</u>
Name: <u>Akimitsu OKITA</u>		
4) _____	_____	_____
Name: _____		
5) _____	_____	_____
Name: _____		

RECORDED: 06/22/2001

PATENT  
REEL: 012050 FRAME: 0556