

03-21-2001

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

J1017 U.S. PTO
09/801695
03/09/01

1. Name of conveying party(ies):
Toshiro HAYAKAWA and Toshiaki FUKUNAGA
3/09/01
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
FUJI PHOTO FILM CO., LTD.
210 Nakanuma, Minamiashigara-shi, Kanagawa-ken, Japan
Additional name(s) & address(es) attached?
 yes no

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Execution Date: February 7, and 8, 2001

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: February 7, and 8, 2001
A. Patent Application No.(s)/Confirmation No.(s) /
B. Patent No.(s) *09801695*
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
 Authorized to be charged to Deposit Account

8. Deposit Account No.
19-4880

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9. 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.
Darryl Mexic *Reg. No. 38,551* March 9, 2001
Darryl Mexic Reg. No. 23,063 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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

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Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents
Box Assignments
Washington, D.C. 20231

03/21/2001 0TON11 00000088 09801695
01 FC:501 40.00

PATENT
REEL: 011593 FRAME: 0018

Assignment

Whereas, ~~X~~We, Toshiro Hayakawa and Toshiaki Fukunaga of
Japan

hereinafter called assignor(s), have invented certain improvements in
"FUNDAMENTAL-TRANSVERSE-MODE INDEX-GUIDED SEMICONDUCTOR LASER DEVICE HAVING
UPPER OPTICAL WAVEGUIDE LAYER THICKER THAN LOWER OPTICAL WAVEGUIDE LAYER"
and executed an application for Letters Patent of the United States of America therefor on
February 7, and 8, 2001 ; and

Whereas, Fuji Photo Film Co., Ltd.

210 Nakanuma, Minamiashigara-shi, Kanagawa-ken, 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,

~~X~~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
~~X~~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 ~~X~~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.

~~X~~We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: Feb. 7, 2001 s/ Toshiro Hayakawa

Date: Feb. 8, 2001 s/ Toshiaki Fukunaga

Date: s/ _____

Date: s/ _____

Date: s/ _____

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