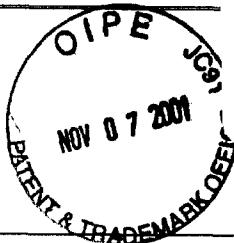


11-13-2001

FORM PTO-1595
(Rev. 6-93)101895039
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.: 046124-5086

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

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Seiichiro MIZUNO

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: HAMAMATSU PHOTONICS K.K.

Internal Address:

Street Address: 1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

City:

State:

Zip:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: October 15, 20014. Application number(s) or patent number(s): 09/907,438

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: John G. Smith
Internal Address: Customer No. 009629
Morgan, Lewis & Bockius LLPStreet Address: 1800 M Street, N.W.
City: Washington State: D.C. Zip: 200366. Total number of applications and patents involved: 17. Total fee (37 C.F.R. § 3.41): \$40.00☒ Enclosed☐ Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310

Attach duplicate of page if paying by deposit account

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.

John G. Smith, Reg. No. 33,818
Name of Person Signing

Signature

November 7, 2001
Date

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Total number of pages including cover sheet, attachments and documents: 2

04 FC:581

40.00 DP

PATENT
REEL: 012298 FRAME: 0464

2001-09-06
H100-1000

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we,

Name

Address

c/o Hamamatsu Photonics K.K.,

1) **Seiichiro MIZUNO**

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
Drive Circuit for Light Emitting Device

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on July 18, 2001, Serial No. 09/907,438; and

Whereas

HAMAMATSU PHOTONICS K.K.

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 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, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORS

DATE SIGNED

1):

Name:



Seiichiro MIZUNO

October 15, 2001

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

Page 1 of 1

RECORDED: 11/07/2001

PATENT
REEL: 012298 FRAME: 0465