



06-20-2006



103260580

FORM PTO-1595  
(Rev. 10/02)

R/

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 050024-0068

To the Honorable Commissioner for Patents and Trademarks: Please record and original documents or copy thereto:

## 1. Name of Conveying Party(ies):

**Masayuki HATA, Yasuyuki BESSHO, Yasuhiko NOMURA,  
Masayuki SHONO, Kenji NAGATOMI, Yoichi TSUCHIYA**Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

## 3. Nature of Conveyance:

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

Execution Date: May 8, 2006, May 8, 2006, May 9, 2006, May 8,  
2006, May 11, 2006, May 13, 2006 (respectively)

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

Name: **SANYO ELECTRIC CO., LTD.**Address: 2-5-5, Keihanondori,  
Moriguchi-shi,  
Osaka, 570-8677 JAPANAdditional name(s) & address(es) attached? ☐ Yes ☐ No

## 4. Application number(s) or patent number(s):

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

## A. Patent Application No(s).

11/390,460 filed on March 28, 2006

## B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: **MCDERMOTT WILL. & EMERY LLP**

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

## 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:

500417

DO NOT USE THIS SPACE

## 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.*

Arthur J. Steiner, Registration No. 26,106

June 15, 2006

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

06/19/2006 DBYRNE 00000105 500417 11390460

01 FC:8021

(40.00 DA)

PATENT  
REEL: 017997 FRAME: 0454

Docket No.:

## ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Masayuki HATA</u>	(4) <u>Masayuki SHONO</u>
(2) <u>Yasuyuki BESSHO</u>	(5) <u>Kenji NAGATOMI</u>
(3) <u>Yasuhiko NOMURA</u>	(6) <u>Yoichi TSUCHIYA</u>

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SANYO ELECTRIC CO., LTD., of 2-5-5, Keiinhondori, Moriguchi-shi, Osaka  
570-8677, JAPAN

its successors and assigns (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 entitled

SEMICONDUCTOR LASER APPARATUS, METHOD OF MANUFACTURING  
SEMICONDUCTOR LASER APPARATUS, AND OPTICAL PICKUP APPARATUS

(a) for which an application for United States Letters Patent was filed on, 28-Mar-06  
and identified by United States Serial No. 11/390,460 ; or

(b) for which an application for United States Letters Patent was executed on ,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

## INVENTORS

- 1) Masayuki Hata  
Name: Masayuki HATA
- 2) Yasuyuki Bessho  
Name: Yasuyuki BESSHO
- 3) Yasuhiko Nomura  
Name: Yasuhiko NOMURA
- 4) Masayuki Shono  
Name: Masayuki SHONO
- 5) Kenji Nagatomi  
Name: Kenji NAGATOMI
- 6) Yoichi Tsuchiya  
Name: Yoichi TSUCHIYA

## DATE SIGNED

May 8. 2006

May 8. 2006

May 9. 2006

May 8. 2006

May 11. 2006

May 13. 2006