

08-03-1999



To the Honorable Commissioner of Patent  
Please record the attached original documents or copy thereof.

101106313

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):  
  
Toshikazu NISHIYAMA, Masahiro MITA, Yoshiji TOTSUKA,  
Miki NAKATEGAWA, Kazutaka SATO, Masaya HORINO and  
Yasuo AIDA

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

3. Nature of conveyance: **7-30-99**  
  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
  
☐ Other

Execution Date: June 28, 1999

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

Name: Hitachi Metals, Ltd.

Internal Address: 1-2, 2-chome, Marunouchi,  
Chiyoda-ku, Tokyo, JAPAN

Street Address:

City:

State:

Zip Code:

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

☐ Yes ☒ No

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: \_\_\_\_\_

A. Patent Application Number(s):

09/306,991

B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT  
& DUNNER, L.L.P.

08/02/1999 DNGUYEN 00000227 09306991

01 FC:581 40.00 DP

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

6. Total number of applications and registrations involved:  
1

7. Total fee (37 CFR 3.41): \$40

☒

Enclosed (Please charge deficiency to deposit account)  
☐

Authorized to be charged to deposit account

8. Deposit account number: 06-0916

40E

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.

Ernest F. Chapman

*Ernest F. Chapman*  
Signature

July 30, 1999

Date

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

## ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Toshikazu NISHIYAMA, Masahiro MITA, Yoshiji TOTSUKA, Miki NAKATEGAWA, Kazutaka SATO, Masaya HORINO, and Yasuo AIDA,

citizens of Japan by HITACHI METALS, LTD., a corporation organized under the laws of Japan,

located at 1-2, 2-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged, we, the said Toshikazu NISHIYAMA, Masahiro MITA, Yoshiji TOTSUKA, Miki NAKATEGAWA, Kazutaka SATO, Masaya HORINO, and Yasuo AIDA,

do hereby sell and assign to said HITACHI METALS, LTD.,

~~their~~  
its successors and assigns, all our right, title and interest, in and for the United States of America, in and to "OPTICAL SWITCH"

invented by us and described in the application for United States Letters Patent therefor, ~~renewed on~~ U.S. Serial No. 09/306,991 filed on May 7, 1999 and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI METALS, LTD.,

~~their~~  
its Successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI METALS, LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Toshikazu Nishiyama</u> (Toshikazu NISHIYAMA)	June 28, 1999	
2) <u>Masahiro Mita</u> (Masahiro MITA)	June 28, 1999	
3) <u>Yoshiji Totsuka</u> (Yoshiji TOTSUKA)	June 28, 1999	
4) <u>Miki Nakategawa</u> (Miki NAKATEGAWA)	June 28, 1999	
5) <u>Kazutaka Sato</u> (Kazutaka SATO)	June 28, 1999	
6) <u>Masaya Horino</u> (Masaya HORINO)	June 28, 1999	
7) <u>Yasuo Aida</u> (Yasuo AIDA)	June 28, 1999	
8) _____ ( )		