



07-08-2002

02-20-2003

D-1

FORM PTO-596  
1-31-92

Docket No.: 64235-012

102146335  
PATENTS ONLY

102367962

RCE  
Office

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

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

Sunao KAKIZAKI, HITACHI TSUSHIMA, Shigeki  
KITAJIMA, Yasuyuki FUKASHIRO and Takashi MORIAdditional name(s) of conveying party(ies) attached? ☐ Yes

## 3. Nature of Conveyance:

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

Execution Date: May 31, 2002, June 17 and June 6, 2002

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

Name: HITACHI, LTD.

Address: 6, Kanda Surugadai 4-chome  
Chiyoda-ku  
Tokyo, JAPANAdditional name(s) & address(es) attached? ☐ Yes

## 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).

10/092,734, Filed March 8, 2002

## B. Patent No(s).

Additional numbers attached? ☐ Yes

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

Name: MCDERMOTT, WILL &amp; EMERY

Internal Address:

Street Address: 600 13<sup>th</sup> Street, N.W.

City: Washington State: DC Zip: 20005

## 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.*

Stephen A. Becker, 26,527

June 28, 2002

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CME No. 0851-0011 (exp. 4/94)

07/05/2003 GTDN11 00000276 500417 10092734

01 FC:581 40.00 CH

PATENT  
REEL: 013754 FRAME: 0814

# ASSIGNMENT

( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OPTICAL SWITCHING APPARATUS, OPTICAL TRANSMISSION SYSTEM AND METHOD OF SETTING UP FOR OPTICAL SIGNAL ROUTE

invented by me (if only one is named below ) or us (if plural inventors are named below ) and described in the application for United States Letters Patent therefor, executed on even date herewith, 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, LTD., 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 me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1) Sunao Kakizaki  
Sunao Kakizaki

31/5/2002

2) Hideoaki Tsushima  
~~Hideoaki Tsushima~~

17/6/2002

3) Shigeki Kitajima  
Shigeki Kitajima

6/6/2002

4) Yasuyuki Fukushima  
Yasuyuki Fukushima

17/6/2002

5) Takashi Mori  
Takashi Mori

17/6/2002

6) \_\_\_\_\_

\_\_\_\_\_

7) \_\_\_\_\_

\_\_\_\_\_

8) \_\_\_\_\_

\_\_\_\_\_

9) \_\_\_\_\_

\_\_\_\_\_

10) \_\_\_\_\_

\_\_\_\_\_