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102359879

J.S. DEPARTMENT OF COMMERCE  
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1. Name of conveying party(ies):

FUKUDA, KAZUYUKI  
KUWANO, HIDEYUKI  
NIWA, YOSHIKI  
MATSUSHIMA, NAOKI

2. Name and address of receiving party(ies)

Name: **OPNEXT JAPAN, INC.**Address: **216, Totsukacho, Totsukaku,  
Yokohama-shi, Kanagawa-ken, Japan**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_☐ OtherExecution Date: **December 19, 20, 20, and 25, 2002.**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 is: **December 19, 19, 20, and 25, 2002.**

A. Patent Application No.(s)

1-31-03

B. Patent Registration No.(s)

10355001

Additional number(s) attached ☐ Yes ☒ No

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

Name: **Antonelli, Terry, Stout & Kraus, LLP**

Internal Address:

1300 North Seventeenth Street  
Suite 1800  
Arlington, VA 22209  
USA

City: State: Zip:

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:

01-2135

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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.*

Melvin Kraus, Reg# 22,466

January 31, 2003

Name of Person Signing

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PATENT  
REEL: 013723 FRAME: 0230

# 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 OpNext Japan, Inc., a corporation organized under the laws of Japan, located at 216, Totsukacho, Totsukaku, Yokohama-shi, Kanagawa-ken, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said OpNext Japan, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## "OPTICAL COUPLING APPARATUS"

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 OpNext Japan, Inc., 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 OpNext Japan, Inc.

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 )

|     |                          |                 |
|-----|--------------------------|-----------------|
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| 9)  | <u></u>                  | <u></u>         |
| 10) | <u></u>                  | <u></u>         |