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OMB No. 6514-0011(exp-4/94)

SD-US045292



102995475

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original Documents or copy thereof.

1. Name of conveying party(ies):

(1) Chie FUKUDA (2) Hiroshi KOHDA

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

2. Name and address of receiving party(ies)

Name: **Sumitomo Electric Industries, Ltd.**

Internal Address:

Street Address:

5-33, Kitahama 4-chome, Chuo-kuCity: **Osaka-shi**Prefecture: **Osaka**Country: **JAPAN**ZIP: **541-0041**113268 U.S. PTO
11/114064

042605

3. Nature of conveyance:

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

Execution Date: (1) 04/19/05 (2) 04/20/05

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 (1) 04/19/05
(2) 04/20/05

A. Patent Application No.(s)

B. Patent No.(s)

Additional Application numbers attached? ☐ Yes ☒ No

Name:

Shinju Global IP Counselors, LLP

Internal Address:

Street Address: **1233 Twentieth Street, NW
Suite 700**City: **Washington State: D.C.** ZIP: **20036**

04/27/2005 FFANAEIA 00000039 11114064

04 FC:8021

40.00 DP

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:

(Attach duplicate copy of this page if paying by deposit account)

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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.*Kiyoe K. Kabashima

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

2

Mail documents to be recorded with required cover sheet Information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

G:\04-APR05-MT\SD-US045292 Assignment Cover.doc

PATENT
REEL: 016509 FRAME: 0485

ASSIGNMENT

[Executed in Japan]

WHEREAS, Chie FUKUDA, a citizen of Japan residing at Yokohama-shi, Kanagawa, Japan

Hiroshi KOHDA, a citizen of Japan residing at Yokohama-shi, Kanagawa, Japan

_____, a citizen of Japan residing at _____

hereinafter referred to as the Assignor(s), have invented certain new and useful improvements in
OPTICAL DEVICE WITH LIGHTWAVE CIRCUIT ELEMENT

for which the Assignor(s) have executed an Application for United States Letters Patent

(X) executed concurrently herewith

() Serial No. _____ Filed _____

, AND WHEREAS, Sumitomo Electric Industries, Ltd. having its principal place of business at 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan (hereinafter referred to as the Assignee), is desirous of acquiring the entire right, title, and interest in and to said invention and said Application and in and to any Letters Patent or Patents, United States or foreign as indicated below, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is herewith acknowledged, the Assignor(s) sell, assign, and transfer, unto the Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, in, to and under said improvements, and said Application, and all original, divisional, renewal, continuation, substitute, or reissue applications thereof, including the right to sue and recover for any past infringement, and all rights of priority from the filing of said Application; and the Assignor(s) hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent on said improvements or resulting therefrom to said Assignee herein, as assignee of the entire interest therein, for the sole use and behalf of said Assignee, its successors, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted.

Further, the Assignor(s) and their legal representatives, heirs, and assigns do hereby agree and covenant without further remuneration that they will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to them respecting said improvements whenever requested, and will testify in any interferences or other legal proceeding in which any of said applications or Letters Patent may become involved, sign all lawful papers, execute and deliver all divisional, continuing, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said Assignee or its legal representatives, successors, or assigns, make all rightful oaths and generally do everything necessary to assist said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the U.S. and said countries, the expenses incident to said applications to be borne and paid by said assignee.

The undersigned hereby grants the firm of **Shinju Global IP Counselors, LLP** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

IN TESTIMONY WHEREOF, the undersigned Assignor(s) have affixed their signatures.

This 19th day of April, 2005 Signature Chie Fukuda

This 20th day of April, 2005 Signature Hiroshi KOHDA

This _____ day of _____, 2005 Signature _____

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