

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Naruto TANAKA	06/30/2011
RECEIVING PARTY DATA	
Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.
Street Address:	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi,
City:	Osaka
State/Country:	JAPAN
Postal Code:	5410041
Name:	Ensphere Solutions, Inc.
Street Address:	2900 Lakeside Dr.
Internal Address:	Suite #228,
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13203787
CORRESPONDENCE DATA	
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Address Line 1:	600 13TH STREET, N.W.
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005-3096
ATTORNEY DOCKET NUMBER:	087612-0018

CH \$40.00 13203787

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PATENT
REEL: 026822 FRAME: 0550

NAME OF SUBMITTER:

Stephen A. Becker

Total Attachments: 2

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RECORDATION FORM COVER SHEET

Docket No.: 087612-0018

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)
Naruto TANAKA

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

2. Name and address of receiving party(ies)
 Name: **1) SUMITOMO ELECTRIC INDUSTRIES, LTD**
2) Ensphere Solutions, Inc..
 Internal Address:

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **June 30, 2011**

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License

Address: **1) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 Japan**
2) 2900 Lakeside Dr., Suite #228, Santa Clara, CA 95054

4. Application or patent number(s):
 A. Patent Application No(s).

This document is being filed together with a new application.
 B. Patent No(s).

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

Name: **MCDERMOTT WILL & EMERY LLP**
 Internal Address:
 Street Address: **600 13th Street, N.W.**
 City: **Washington, DC** State: **DC** Zip: **20005-3096 D.C.**
 Phone Number: **202.756.8000**
 Fax Number: **202.756.8087**
 Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 500417
 Authorized User Name _____

9. Signature.
Stephen A. Becker 26,527  **August 29, 2011**

Name and Registration No. of Person Signing _____ Signature _____ Date _____

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

(SAB)

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,

TANAKA, Naruto

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

SUMITOMO ELECTRIC INDUSTRIES, LTD.

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 Japan

and

Ensphere Solutions, Inc.

2900 Lakeside Dr. Suite#228, Santa Clara, CA. 95054, U.S.A.

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

Receiving unit, Optical line terminal, and Frequency calibration method for clock and data recovery circuit

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

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

and the undersigned hereby authorizes and requests 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, 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 agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees 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 date indicated aside my signature:

INVENTOR

DATE SIGNED

Naruto Tanaka

June 30, 2011

Name: TANAKA, Naruto

PATENT