PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takemi HASEGAWA	06/29/2009
Tetsuya HAYASHI	06/25/2009

RECEIVING PARTY DATA

Name:	SUMITOMO ELECTRIC INDUSTRIES, LTD.	
Street Address:	5-33, Kitahama 4-chome, Chuo-ku	
City:	Osaka-shi, Osaka	
State/Country:	JAPAN	
Postal Code:	541-0041	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12920012

CORRESPONDENCE DATA

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Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096

ATTORNEY DOCKET NUMBER: 050212-0786

NAME OF SUBMITTER: Brian K. Seidleck

Total Attachments: 2

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> PATENT REEL: 024901 FRAME: 0745

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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) Takeni HASEGAWA, Tetsuya HAYASH Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of Conveyance/Execution Date(s) Execution Date(s): June 29, 2009 and June 25, 2009	RECORDATION FORM COVER SHEET				
1. Name of Conveying Party(ies) Takemi HASEGAWA, Tetsuya HAYASHI Name: SUMITOMO ELECTRIC INDUSTRIES, LTD. Internal Address: Additional name(s) of conveying party(ies) attached? Yes No Nature of Conveyance/Execution Date(s) June 29, 2009 and June 25, 2009 (respectively) Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Additional numbers attached? Yes No 4. Application or patent number(s): Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: MCDERMOTT WILL & EMERY LLP Internal Address: 600 13th Street, N.W. Street Address: 600 13th Street, N.W. City: Washington, State: DC Zip: 20005-3096 D.C. None required (government interest not affecting title) 6. Phone Number: 202.756.8087 Semial Address: 202.756.8087 Semial Address: August 27, 2010 Name and Registration No. of Person Signing Signature Date	Docket No.: 050212-0786 PATENTS ONLY				
Additional name(s) of conveying party(ies) attached?					
Additional name(s) of conveying party(ies) attached?	1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)			
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Address: 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 JAPAN Execution Date(s): June 29, 2009 and June 25, 2009 (respectively) Merger Security Agreement Change of Name Joint Research Agreement Change of Name Joint Research Agreement Change of Name Additional name(s) & address(es) attached? Yes No		Internal Address:			
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Crespectively)		Osaka 541-0041 JAPAN			
Assignment	Execution Date(s): June 29, 2009 and June 25, 2009	·			
Security Agreement Change of Name Joint Research Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No Other Application or patent number(s): A Patent Application No(s). B. Patent No(s). B. Patent No(s). Additional numbers attached? Yes No C. Total number of applications and patents involved: involved: Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) Street Address: 202.756.8087 Authorized User Name Supplied to the charged to deposit account Authorized User Name Supplied to the charged to deposit account Authorized User Name Supplied to the charged	(respectively)				
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Bxecutive Order 9424, Confirmatory License	☐ Joint Research Agreement				
Additional name(s) & address(es) attached?	Government Interest Assignment				
4. Application or patent number(s): A. Patent Application No(s). Additional numbers attached?	Executive Order 9424, Confirmatory License				
A. Patent Application No(s). Additional numbers attached? Yes No 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. Street Address: 600 13th Street, N.W. City: Washington, State: DC Zip: 20005-3096 D.C. Phone Number: 202.756.8000 Fax Number: 202.756.8087 Email Address: a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 500417 Authorized User Name 9. Signature. Brian K. Seidleck 51,321 Name and Registration No. of Person Signing B. Patent No(s). 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 4. Authorized to be charged to deposit account length of the properties of the pr	Other	Additional name(s) & address(es) attached? \(\) Yes \(\) No			
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Brian K. Seidleck 51,321 Name and Registration No. of Person Signing Signature Date	9. Signature.				
Total number of pages including cover sheet, attachments and documents: 2	Name and Registration No. of Person Signing Signature Date				

PATENT REEL: 024901 FRAME: 0746

ASSIGNMENT

Whereas, I/we, Address <u>Name</u> c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1) Takemi HASEGAWA 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 2) Tetsuya HAYASHI 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 Japan hereinafter called assignor(s), have invented certain improvements in **Optical Fiber** and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below: filed on ___ , Serial No. Whereas SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor; NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and

	INVENTORS	DATE SIGNED
1):	Takeni Masegare	Jun 29 2009
Name:	Takemi HASEGAWA	T) 7) corq
2):	Tetsuya HAYASHI	Jun. 26.2009
Name: -	t Tetsuva HAYASHI	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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