# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

### **CONVEYING PARTY DATA**

Name	Execution Date
YASUYUKI KURINO	07/07/2014
TAKESHI OTSUKA	07/07/2014
YOICHI SATO	07/07/2014
TAKERU YAMAGUCHI	07/07/2014
KENJI HARADA	07/07/2014

#### RECEIVING PARTY DATA

Name: SUMITOMO OSAKA CEMENT CO., LTD.		
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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14383244

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	396.53643X00
NAME OF SUBMITTER:	GILES N. TURNER
SIGNATURE:	/Giles N. Turner/
DATE SIGNED:	09/05/2014

**Total Attachments: 1** 

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							<del></del> .		396.53643X00	
refe	WHEREAS the belo					olow)	or inventors (if plur	ıl inver	nters are named below) hereinafter	
SUF	RFACE-MODIFIED-MET				•		ITION FOR SEAD DUCTOR DEVICE	LING	OPTICAL SEMICONDUCTOR	
x	for which an application	for Letters Par	tent to be filed	in the	United States	aten	and Trademark Off	ice wa	s executed on even date.	
for which U.S. Application No. for Letters P					for Letters Pa	Letters Patent was filed in the U.S. Patent and Trademark Office on				
									"	
	for which an Internation	al Application	was filed on	Ma	rch 8, 2013	as	PCT/JP2013/05	6532	, designating the United States,	
	AND WHEREAS	6-28, R		o, C	A CEMEN hiyoda-ku	ΤC	O., LTD.			

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

### IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

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201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	Yasuyuki KURINO	Compute Luino	JUL, 07.2014
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Takeshi OTSUKA	Jakeshi Otsuka	JUL, 07.2014
203	FULL NAME OF THIRD JOINT INVENTOR	INVESTION'S SIGNATURE	DATE
	Yoichi SATO	Youthi Dato	JUL. 07. 2014
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Takeru YAMAGUCHI	Lakery Yamaguchi	JUL. 07. 2014
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Kenji HARADA	Kenji Harada	JUL. 07. 2014
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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PATENT REEL: 033676 FRAME: 0828

RECORDED: 09/05/2014