502611288 12/20/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2657753

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Hirokatsu NAKAJIMA	10/26/2013
Satoru CHAEN	10/16/2013

RECEIVING PARTY DATA

Name:	Sumitomo Wiring Systems, Ltd.		
Street Address:	1-14 Nishisuehiro-cho		
City:	Yokkaichi, Mie		
State/Country:	Japan		
Postal Code:	510-8503		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14128417

CORRESPONDENCE DATA

 Fax Number:
 (703)836-2787

 Phone:
 703-836-6400

 Email:
 email@oliff.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: JAMES A. OLIFF

Address Line 1: OLIFF & BERRIDGE, PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	159299	
NAME OF SUBMITTER:	BETH NAPEAR	
Signature:	/Beth Napear/	
Date:	12/20/2013	

Total Attachments: 1

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PATENT

REEL: 031834 FRAME: 0088

ASSIGNMENT

	Insert	(1)	Hirokatsu NAK	AJIMA	(2)	Satoru CHAEN	
(1-8)	Legal Name(s)	(3)			(4)		
	of Inventor(s)	(5)			(6)		
		(7)			(8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	SUMITOMO V	VIRING SYSTE	MS, LTD.		
(10)	Insert Address of Assignee	(10)					
	eirs, successors, assigns and legal representatives, america as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as						
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	CURRENT DE	TECTION DEV	ICE		
	Application Number	(Attorn	ey Docket No.	159299), f	filed on even date herewith or as	
(d.m.)		·					
(12)	Alternative Identification for	(12) U	J.S. Application	Number	14/128,417		
	filed applications	filed					
resulting entire in this assi- identific	nation a grant of a valid Uni 5) Each undersigned author g from said application(s) to terest herein assigned, and t gnment is binding on Assign 6) Each undersigned herel	ted States prizes and r the said As hat he or sh nor and Ass by grants th or desirable	patent to the Ass equests the Com ssignee, as Assig- he has not execu- tignor's heirs, suc- te firm of OLIFF e in order to con	ignee. imissioner of the nee of the entire ed, and will not cessors, assigne & BERRIDGE, 1 aply with the ru	e U.S. Patent and interest, and co- execute, any agr a and legal represe LC the power to les of the United	insert on this assignment any further States Patent and Trademark Office for	
Date	October 26,20	~/>	T	or Signature	11111	CEAL)	
•	October 16, 20				,	ou Natajima (SEAL)	
Date .	OCTOBEL 16, 20	(1)	Invent	or Signature	Satoru	(SEAL)	
Date .			Invent	or Signature		(SEAL)	
Date			Invent	or Signature		(SEAL)	
Date .			Invent	or Signature		(SEAL)	
Date	<u> </u>		Invent	or Signature		(SEAL)	
Date			Invent	or Signature		(SEAL)	
Date			Invent	or Signature		(SEAL)	
neither, 1	This assignment should pre then it should be signed before					J.S.A. (b) a U.S. Consul if outside the U.S.A. If	
Date			Witne	ss _			
Data			Witne	P.C			

PATENT REEL: 031834 FRAME: 0089

RECORDED: 12/20/2013