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**130681** 

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Attorney Docket No.

		Please record the attached or	iginal docun	nent or copy thereof.		
1.	Α.	Name of conveying party(ies):	2. A. Name and address of receiving party(ies):  SUMITOMO WIRING SYSTEMS, LTD. 1-14, NISHISUEHIRO-CHO YOKKAICHI-SHI, MIE, JAPAN			
		suya HAYAKAWA suya OKA				
	В.	Additional name(s) of conveying party(ies) attached?  Yes No				
3.	A.	Nature of conveyance:	В.	Additional name(s) & address(es) attached?  ☐ Yes ☒ No		
	$\boxtimes$	Assignment Merger		,		
		Security Agreement Change of Name		11/629852		
		Other		177 65 (6)		
	В.	Execution Date: ALL: December 12, 2006				
4.	$\boxtimes$	This document is being filed together with a new appli	cation.			
	A.	Patent Application No.(s)	В.	Patent No.(s)		
/2006 <b>H</b> KAYF	PAGH C	0000101 12629852 Additional numbers at	 	J., 190		
		Additional numbers at	tached? L	」Yes ⊠ No		
:8021	C.	40.00 OP  Title of Application: ELECTRIC JUNCTION BO		」Yes ⊠ No		
5.	C.	40.00 OP	<u>)X</u>	Yes ⊠ No tal number of applications and patents involved: 1		
	C. Nar.	Title of Application: ELECTRIC JUNCTION BO	<u>)X</u>	tal number of applications and patents involved: 1		
	C. Nar.	Title of Application: ELECTRIC JUNCTION BO	6. To	Total fee (37 CFR 3.41)\$ 40.00		
	C. Nar con	Title of Application: ELECTRIC JUNCTION BO  me and address of party to whom correspondence cerning document should be mailed:  me: James A. Oliff  ddress: OLIFF & BERRIDGE, PLC  P.O. Box 19928	6. To  7. A.  8. Cr	tal number of applications and patents involved: 1  Total fee (37 CFR 3.41)\$ 40.00		
	C. Nar con	Title of Application: ELECTRIC JUNCTION BO me and address of party to whom correspondence cerning document should be mailed: me: James A. Oliff  ddress: OLIFF & BERRIDGE, PLC	6. To  7. A.  8. Cr	tal number of applications and patents involved: 1  Total fee (37 CFR 3.41)\$ 40.00  Enclosed (Check No. 187456)  edit any overpayment or charge any underpayment to		
	C. Nar con	Title of Application: ELECTRIC JUNCTION BO  me and address of party to whom correspondence cerning document should be mailed:  me: James A. Oliff  ddress: OLIFF & BERRIDGE, PLC  P.O. Box 19928	6. To  7. A.  8. Cr	tal number of applications and patents involved: 1  Total fee (37 CFR 3.41)\$ 40.00  Enclosed (Check No. 187456)  edit any overpayment or charge any underpayment to		
	C. Nam con Na Ad	Title of Application: ELECTRIC JUNCTION BO me and address of party to whom correspondence cerning document should be mailed: me: James A. Oliff  ddress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320  atement and signature. The best of my knowledge and belief, the foregoing info	7. A. B. 8. Cr	tal number of applications and patents involved: 1  Total fee (37 CFR 3.41)\$\$\frac{40.00}{}\$\$  Enclosed (Check No. \frac{187456}{}\$)  redit any overpayment or charge any underpayment to posit account number 15-0461.		
5.	Nar con Na Ad	Title of Application: ELECTRIC JUNCTION BO me and address of party to whom correspondence cerning document should be mailed: me: James A. Oliff  ddress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	7. A. B. 8. Cr	tal number of applications and patents involved: 1  Total fee (37 CFR 3.41)\$ 40.00  Enclosed (Check No. 187456)  edit any overpayment or charge any underpayment to posit account number 15-0461.		

**PATENT REEL: 018703 FRAME: 0685** 

## ASSIGNMENT

		(1)	Tatsuya HAYAKAWA	(5)			
(1-8)	Insert	(2)	Tatsuya OKA	(6)			
	Name(s) of Inventor(s)	(3)		(7)		<u></u>	
		(4)		(8)			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	SUMITOMO WIRING SYSTE	MS. LTD.			
(10)	Insert Address of	(10)	1-14, Nishisuehiro-cho, Yokkai				
	Assignee	` ′				•	
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert	(11)	ELECTRIC JUNCTION BOX				
	Identification such as Title, Case		PCT/JP2005/009406				
	Number, or Foreign Application Number	(Attor	PCT/JP2005/009406  (Attorney Docket No. 130681 )				
			for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or				
(12)	Insert Date of	(10)	on December 12,	2006			
	Signing of Application	(12)	on,				
(13)	Alternative	(13)	U.S. application Serial Number				
	Identification for filed applications	filed	December 18, 2006	5		THE RESERVE OF THE PERSON OF T	
claims or reexamine Patents of full right and agree	gnee in every way possible if a conversion or degree in every way possible if a conversion of the Internation 4). Each undersigned agreemation a grant of a valid Unit 5). Each undersigned author the United States resulting to convey the entire interest.	ivision the nobtaining ses to execute to comment to be not ted State to perfect and from safe therein and the notice of the noti	d requests the Commissioner of the dapplication(s) to the said Assigned, and that he has not executive and his heirs, successors, as	olication based thereor ith such interference. d perform any act which all Property or similar a ay be necessary to obta the U.S. Patent and Tra gnee, as Assignee of the muted, and will not execusions and legal represe	n, for the invention, and the chimay be necessary in congreements.  ain, maintain or confirm the confirm that confirm the confirm the confirm that confirm the confirm that confirm the confirm that confirm the confirmation confirmatio	o cooperate with  onnection with  by reissue or  ny and all Letters chants that he has	
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identific recordat	ation that may be necessary ion of this document.	by grants or desira	the firm of OLIFF & BERRIDGE, ble in order to comply with the ru	iles of the United State	es Patent and Trademark	further	
recordat	ation that may be necessary ion of this document.  In witness whereof, execu	eby grants or desira	the firm of OLIFF & BERRIDGE, ble in order to comply with the ru ne undersigned on the date(s) or	ple the power to fise ales of the United State opposite the undersign	ed name(s).	office for	
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Date Date Date Date Date Date Date Date	This assignment should prier, then it should be signed	ted by the 200 200	is the firm of OLIFF & BERRIDGE, ble in order to comply with the rune undersigned on the date(s) of Inventor Signature  Inventor Signature	posite the undersign  Tatsaya  Tatsaya	ed name(s).  Heysolum  Oko.  A. (b) a U.S. Consul if ou	(SEAL) tside the U.S.A.	
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PATENT REEL: 018703 FRAME: 0686

ASSIGNMENT
INDUIGHTELLI

		(1)	Tatsuya HAYAKAWA	(5)			
(1-8)	Insert	(2)	Tatsuya OKA	(6)			
	Name(s) of Inventor(s)	(3)		(7)			
		(4)					
		_	In consideration of the sun each of the undersigned, each u	n of one dollar (\$1.0	00) and other good and valu	able consideration	
(9)	Insert Name of Assignee	(9)	SUMITOMO WIRING SYSTE	MS LTD			
(10)	Insert Address of	(10)			· · · · · · · · · · · · · · · · · · ·		
	Assignee	` _					
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert	(11)	ELECTRIC JUNCTION BOX				
	Identification such as Title, Case		PCT/JP2005/009406				
	Number, or Foreign Application Number	(Attorn	ney Docket No. 130681				
	Application Number				ing for material in the Truited		
			ch the undersigned has (have) ex n date herewith or	xecuted an applican	ion for patent in the Officed	States of America	
(12)	Insert Date of Signing of	(12)	December 12,	2006			
	Application						
(13)	Alternative Identification for	(13) T	J.S. application Serial Number				
	filed applications	filed	December 18, 200	6			
claims of reexami Patents full right and agre- identified	lication or continuation or ignee in every way possible  3) Each undersigned agor provisions of the Internat  4) Each undersigned agoration a grant of a valid United States resulting to convey the entire interces that this assignment is	division the in obtaining rees to exectional Converges to perfer ited States thorizes and from sailest herein a binding on l	ute all papers necessary in connected, or any patent or reissue appeared and going forward water all papers and documents an ention for Protection of Industria orm all affirmative acts which may patent to the Assignee. It requests the Commissioner of the dapplication(s) to the said Assigned, and that he has not executing and his heirs, successors, as the firm of OLIFF & BERRIDGE, olde in order to comply with the respective of the said	plication based ther with such interference d perform any act wall Property or similar ay be necessary to the U.S. Patent and gnee, as Assignee of cuted, and will not essigns and legal repr	eon, for the invention, and the which may be necessary in contragreements.  Trademark Office to issue a fithe entire interest, and covered the country of the entire interest, and covered the entire interest and cover	o cooperate with connection with by reissue or my and all Letters enants that he has conflict herewith,	
	In witness whereof, exec	uted by the	e undersigned on the date(s) o	pposite the undersi	gned name(s).		
Date	December 12		Inventor Signature	- Toetsuga	Hayaham	(SEAL)	
Date	December 12	, 2006	Inventor Signature	Tatsuya	Opa	(SEAL)	
Date						(SEAL)	
Date						(SEAL)	
Date			Inventor Signature				
Date			Inventor Signature			(SEAL)	
Date			Inventor Signature			(SEAL)	
Date			Inventor Signature			(SEAL)	
		c 111.	a signed before: (a) a Notary Pu	blic if within the U.	S.A. (b) a U.S. Consul if ou	tside the U.S.A.	
If neith	ner, then it should be signed	d before at a	east two witnesses who also sign	n here:	· Trade		
Date	December 12	<u>, 2006</u>	Witness	Fagre	i (hadh Toyoda		
Date	December 12	, 2006	Witness	Kayo	Joyoaa		
Dutt							

**RECORDED: 12/18/2006** 

PATENT REEL: 018703 FRAME: 0687