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Total number of pages including cover sheet, attachments, and document: 5							
l.	A. Name of conveying party: Seiji TAKAHASHI			l address of receiving parties:			
	B. Additional name(s) of conve	eying party(ies) attached?		rworks technologies, ltd. Uehiro-cho, yokka)chi-shi Bjapan			
3.	A. Nature of conveyance:	_	(2) SUMITOMO WIRING SYSTEMS, LTD. 1-14, NISHISUEHIRO-CHO, YOKKAICHI-SHI MIE 510-8503 JAPAN				
	✓ Assignment☐ Security Agreement	☐ Merger ☐ Change of Name	1 ' '	MO ELECTRIC INDUSTRIES, LTD.			
	○ Other Record to correct Ass assignment document previously			AMA 4-CHOME, CHUO-KU OSAKA 541-0041 JAPAN			
	November 24, 2008, reel[021875]	/frame[0280] .	B. Additiona	al name(s) & address(es) attached? ☐Yes 🏻 No			
	B. Execution Date: November	er 11, 2008_					
4.	A. Patent Application No.(s) 1	2/227,232	B. Patent No	o.(s)			
		Additional numbers atta	nched? 🔲 Yes 🛛 N	lo .			
	C. Title of Application: POW	ER SUPPLY CONTRO	LLER				
5.	Name and address of party to who concerning document should be m	· . · ·	6. Total number o	f applications and patents involved: $\underline{1}$			
	Name: <u>James A. Oliff</u>			Deposit Account No. 15-0461 the total fee in the amount of \$40.00.			
	Address: OLIFF & BERRIDGE P.O. Box 3208 Alexandria, VA Phone Number: 703-83 Fax Number: 703-83	50 22320-4850 36-6400		payment or charge any underpayment to t number 15-0461.			
			*				
9.	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original focument.						
	James A. Oliff Registration No. 2 Joel S, Armstrong Registration No.		Dat	e: <u>January 8, 2009</u>			
							

PATENT REEL: 022088 FRAME: 0068 USPTO

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PAGE 4/004

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TO: JAMES A. OLIFF COMPANY: OLIFF & BERRIDGE, PLC

11/24/2008 12:07 PAX 7038382787

11/24/2008 700391959 **2001/002**

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1.	Seiji TAKAHASHI B. Additional name(s) of conveying p	earty(los) attached? (1) AU	ame and address of receiving parties: TONETWORKS TECHNOLOGIES, LTD. IISHISUEHIRO-CHO, YOKKAICHI-SHI IO-8503 JAPAN				
3.	A. Nature of conveyance: Assignment	1-14, N MIE 51 Aange of Name (3) SUI 5-33, K OSAK	MITOMO WIRING SYSTEMS, LTD. IISHISUEHIRO-CHO, YOKKAICHI-SHI IO-8503 JAPAN MITOMO ELECTRIC INDUSTRIES, INC. ITAHAMA 4-CHOME, CHUO-KU A-SHI, OSAKA 541-0041 JAPAN dditional name(6) & address(cs) attached? Yes No				
4.	A. Patent Application No.(s) 12/227,232 B. Patent No.(s) Additional numbers attached? Yes No C. Title of Application: POWER SUPPLY CONTROLLER						
5.	Name and address of party to whom corr concerning document should be mailed:	espondence 6. Total n	umber of applications and patents involved: 1				
	Name: James A. Oliff		 Please charge Deposit Account No. 15-0461 it total fee (37 CFR 3.41) in the amount of \$40.00. 				
	Address: OLIFF & BERRIDGE, FLC P.O. Box 320850 Alexandria, VA 22320- Phone Number: 703-836-64 Fax Number: 703-836-278	4850 40	any overpayment or charge any underpayment to account number 15-0461.				
9.	Statement and signature, To the best of my knowledge and belief, original document James A. Oliff to Septition No. 27,075 Peyfick T. Muffe Adglestration No. 60,34:		correct and any attached copy is a true copy of the Date: November 24, 2008				

CH \$40.00 150461

	<i>></i>		ASSIGNMENT	
		(1)	Seiji TAKAHASHI (3)	
(1-4)	Insert Name(s) of Inventor(s)	(2)		
	.,,	each o	In consideration of the sum of one dollar (\$1.00) and other good and valuable consider fithe undersigned, each undersigned ϵ grees to assign, and hereby does assign, transfer and set	ation paid to over to
(9)	Insert Name of Assignee	(9)	AUTONETWORKS TECHNOLOGIES, LTD.	·
(10)	Insert Address of Assignee Insert Name of Assignee	(10)	1-14, Nishisuehiro-cho, Yokkaich-shi, Mie 510-8503 Japan	
(9)		(9)	SUMITOMO WIRING SYSTEMS, LTD.	
(10)	Insert Address of Assignee	(10)	1-14, Nishisuehiro-cho, Yokkaich-shi, Mie 510-8503 Japan	
(9)	Insert Name of Assignee Insert Address of Assignee	(9)	SUMITOMO ELECTRIC INDUSTRIES, LTD.	
(10)		(10)	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan	
		entire in all intern	nafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal represent right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the ir applications for patent including any and all provisional, non-provisional, divisional, continua ational, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, a mination certificates that may be granted on the invention known as	rvention, and tion,
(11)	Insert Identification	(11)	POWER SUPPLY CONTROLLER	
	such as Title, Case Number, or Foreign	/ A 44	mey Docket No.	
	Application Number	for wl	nich the undersigned has (have) executed an application for patent in the United States of Ame	
(12)	Insert Date of Signing of	(12) on	November 11, 2008	
	Application	U.S. application Serial Number		
(13)	Alternative Identification for filed applications	(13) filed	November 24 2008	
as the Asapplication application of the Unite entire in binding or may be a Date	ions for the invention, and any pssignee may deem necessary. 2) Each undersigned agrees ion or continuation or division to ay possible in obtaining evidence. 3) Each undersigned agrees in softhe International Convention of the International Convention of the International Convention of a valid United States patent to the states resulting from said appletes therein assigned, and that ion him and his heirs, successors of Each undersigned hereby necessary or desirable in order to the witness whereof, executed the states resulting the successors.	to execute the execute the execute on for Proto performance the Assizes and oblication the has not assigns grants the comply of the execute the execut	requests the Commissioner of the U.S. Patent and Trademark. Office to issue any and all Lette (s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right of executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment and legal representatives. The firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identify with the rules of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of this document of the United States Putent and Trademark Office for recordation of the United States Putent and Trademark Office for recordation of the United States Putent and Trademark Office for recordation of the United States Putent and Trademark Office for recordation of the United States Putent and Trademar	and patents any Assignee in claims or examination rs Patents of to convey the griment is fication that
Date			Inventor Signature	` '
Date			Inventor Signature	(SEAL)
Date			Inventor Signature	(SEAL)
then it sl	This assignment should prefer rould be signed before at least to		signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. esses who also sign here:	If neither,
Date			Witness	
Date			Witness	

PATENT REEL: 022088 FRAME: 0070