IAP13 Rec'd PCT/PTO 24 MAY 2007 Mail Stop: RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE **Assignment Recordation Services** PATENTS ONLY Patent and Trademark Office Director of the U.S. Patent and Trademark Office 05-31-2007 P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. 132605 103411530 Please record the attached original document or copy thereof. Name of conveying parties: Name and address of receiving parties: Masayuki KATO AUTONETWORKS TECHNOLOGIES, LTD. 1-14, NISHISUEHIRO-CHO, Isao ISSHIKI YOKKAICHI-SHI, MIE 510-8503 Seiji TAKAHASHI **JAPAN** Masahiko FURUICHI SUMITOMO WIRING SYSTEMS, LTD. 1-14, NISHISUEHIRO-CHO Additional name(s) of conveying party(ies) attached? YOKKAICHI-SHI, MIE 510-8503 ☐ Yes 🖾 No JAPAN SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33, KITAHAMA 4-CHOME, CHUO-KU OSAKA-SHI, OSAKA 541-0041 JAPAN Α. Nature of conveyance: Additional name(s) & address(es) attached? ☐Yes ⊠ No Assignment Mcrger Change of Name Security Agreement Other \_ Execution Date: All - May 21, 2007  $\boxtimes$ This document is being filed together with a new application, Patent No.(s) Patent Application No.(s)\_\_\_ 05/29/2007 MMAYPAGH 00000041 11791447 -04 FC:8021 C. Title of Application Devices SUPPLY CONTROLLER Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41)......\$ 40.00 B. Enclosed (Check No. 193018) Address: OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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 document. Date: May 24, 2007 James A. Oliff Registration No. 27,075 Scott M. Schulte Registration No. 44,325 Total number of pages including cover sheet, attachments, and document:  $\underline{2}$ 

PATENT REEL: 019385 FRAME: 0307 IAP13 Rec'd PCT/PTO 24 MAY 2007 ASSIGNMENT 11/791447

	<b>-</b> .	(1)	Masayuki KATO	(3)	Seiji TAKAHASHI			
(1-4)	Insert Name(s) of Inventor(s)	(2)	Isao ISSHIKI	(4)	Masahiko FURUICHI			
	,	paid t	o each of the undersigned, each		\$1.00) and other good and valuable considerations to assign, and hereby does assign, transfer an			
(9)	Insert Name of Assignee Insert Address of Assignee Insert Name of Assignee Insert Address of Assignee	(9)	_AUTONETWORKS_TECHN	OLOGIES, LTD.				
(10)		(10)	1-14, Nishisuchiro-cho, Yoki	raichi-shi, MIE 5	10-8503 JAPAN			
(9)		(9)	SUMITOMO WIRING SYST	EMS, LTD.				
(10)		(10)	(10) 1-14, Nishisuchiro-cho, Yokkaichi-shi, MIE 510-8503 JAPAN					
(9)	Insert Name of Assignee	(9)	(9) SUMITOMO ELECTRIC INDUSTRIES, LTD.					
(10)	Insert Address of Assignee	(10)	5-33, Kitahama 4-chome, Ch	uo-ku, Osaka-shi	OSAKA 541-0041 JAPAN			
	·	the er inven conti	neirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the y and all provisional, non-provisional, divisional, reissue application(s), and all Letters Patent, nay be granted on the invention known as					
(11)	Insert	(11)	POWER SUPPLY CONTRO	LLER				
	Identification such as Title, Case Number, or Foreign				<del></del>			
	Application Number	(Atto	rney Docket No. <u>13260:</u>	5				
			hich the undersigned has (have) en date herewith or	executed an appl	ication for patent in the United States of America			
(12)	Insert Date of							
	Signing of	(12) on	May 21, 2007					
	Application			•				
(13)	Alternative	(13 Num						
	Identification for filed applications	file	d May 24, 2007	7				
applica any applica any applica claims reexam Patents full rigi and agui	applications for the inventications and patents as the Ass.  2) Each undersigned agraphication or continuation or continuation or ignee in every way possible  3) Each undersigned agraphoration of the Internat  4) Each undersigned agraphoration a grant of a valid Un  5) Each undersigned aut  of the United States resulting the United States resulting the United States resulting the Convey the entire interves that this assignment is the Each undersigned here cation that may be necessartion of this document.	en, and a ignee ma eces to ex- division to in obtain eces to ex- dional Con- eces to pe- uited Stat thorizes a nog from se est herein binding of eby gran y or desir	ny patent(s) issuing thereon, and y deem necessary. Could be papers necessary in con- thereof, or any patent or reissue a ting evidence and going forward coute all papers and documents avention for Protection of Indus- form all affirmative acts which es patent to the Assignee. and requests the Commissioner of aid application(s) to the said As assigned, and that he has not en a him and his heirs, successors, to the firm of OLIFF & BERRING	also to execute s innection with any application based with such interfe and perform any rical Property or si may be necessary of the U.S. Patent signee, as Assign excuted, and will assigns and legal Ex, FIC the power rules of the Unit  Opposite the unit	act which may be necessary in connection with imiliar agreements.  It to obtain, maintain or confirm by reissue or and Trademark Office to issue any and all Letter coff the entire interest, and covenants that he had execute, any agreements in conflict herewith representatives.  It to insert on this assignment any further coffice for			
Date	May 21, 2007	•	Inventor Signature	Seiji TAKAH Masah	ASHI Iko Furuichi (SEAL)			
				Masahiko FU	RUICHI			
If neith			be signed before: (a) a Notary P least two witnesses who also sig		U.S.A. (b) a U.S. Consul if outside the U.S.A.			
Date			Witness					

**PATENT** 

REEL: 019385 FRAME: 0308

			ASSIGNM	ENT					
	_	(1)	Masayuki KATO	(3)	Seiji TAKAHASHI				
(1-4)	Insert Name(s) of Inventor(s)	(2)	Isao ISSHIKI	(4)	Masahiko FURUICHI				
			In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration and to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer as set over to						
(9)	Insert Name of Assignee Insert Address of Assignee Insert Name of Assignee Insert Address of Assignee Insert Name of Assignee Insert Name of Assignee Insert Address of Assignee	<b>(</b> 9)	9) AUTONETWORKS TECHNOLOGIES, LTD.						
(18)		(10)	(10) 1-14, Nishisuchiro-cho, Yokkaichi-shi, MIE 510-8503 JAPAN						
(9)		(9)	SUMITOMO WIRING SYSTEMS, LTD.						
(10)		(10)							
(9)		(9)							
(10)		(10)							
(11)	Insert	the en inven contin	itire right, title and interest for the tion, and in all applications for pa mustion, international, confirmation	c United States of stent including am on, substitute and a certificates that m	eirs, successors, assigns and legal representative America as defined in 35 U.S.C. §100, in the y and all provisional, non-provisional, divisional, reissue application(s), and all Letters Patent, hay be granted on the invention known as				
<b>.</b>	Identification such as Title, Casc Number, or Foreign Application Number	for w	rney Docket No. 13260.		ication for patent in the United States of Amer				
(12)	Insert Date of Signing of Application	(12) on	May 21, 2007	<del> </del>					
(13)	Alternative	(13) Num							
	Identification for filed applications		May 24, 2007	7					
applications any application and applications applications of the control of the	applications for the inventions and patents as the Assi  2) Each undersigned agrication or continuation or degree in every way possible  3) Each undersigned agrication or of the Internati  4) Each undersigned agrication or a prant of a valid Unitariation a grant of a valid Unitariation and Unitariation an	n, and a gnee ma ces to ex livision t in obtain ces to ex onal Co ses to pe ited Stat	ny patent(s) issuing thereon, and y deem necessary. ecute all papers necessary in con- thereof, or any patent or reissue- ting evidence and going forward ecute all papers and documents avention for Protection of Industrictions all affirmative acts which to patent to the Assignee.	I also to execute some cities with any application based with such interferent perform any arrial Property or simmy be necessary	ect which may be necessary in connection with				

Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, FLC the power to insert on this assignment any further identification that 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.

Date	Mars 21. 2007	Inventor Signature	Masanuki Kator	(SEAL)					
Date	Mar 21. 2007	Inventor Signature	Masayaki KATO Doc hibe	(SEAL)					
Date	May 21 2007	Inventor Signature	Selië Takahashi	(SEAL)					
Date	May 21, 2007	Inventor Signature	Seiji TARAHASHI Masahito Furuīchi	(SEAL)					
			Masahiko FURUICHI						
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:									
II HEIH	er, men it snowed de signed benne at least to	MO MITHER RES MITO STEED SIGHT	IRCI C.	•					
Date		Witness							

Witness

**RECORDED: 05/24/2007** 

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