Director of the U.S. Patent and Trademark Office Box Assignments Washington, D.C. 20231



J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No. 110128



	To the Director of the U.S. Patent and Trademark Office: Please record the attached original document or copy thereof.									
	1.	A. B.	Name of conveying party: Shigeki YAMANE Additional name(s) of conveying party(jes) attached? ☐ Yes ☒ No	2.	A. Name and address of receiving parties: 1) AUTONETWORKS TECHNOLOGIES, LTD. 7-10. KIKUZUMI 1-CHOME, MINAMI-KU, NAGOYA-SHI, AICHI, JAPAN 2) SUMITOMO WIRING SYSTEMS, LTD. 1-14. NISHISUEHIRO-CHO, YOKKAICHI-SHI, MIE. JAPAN 3) SUMITOMO ELECTRIC INDUSTRIES, LTD. 5-33. KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, JAPAN					
	3.	A.	A. Nature of conveyance:		Additional name(s) & address(es) attached? ☐Yes ☒ No					
		\boxtimes	Assignment							
			Security Agreement							
			Other							
		В.	Execution Date: <u>July 13, 2001</u>		09/905-936					
	4.	A.	A. If this document is being filed together with a new application, the execution date of the application is: <u>July 13, 2001</u>							
		В.	Patent Application No.(s)		C. Patent No.(s)					
	Additional numbers attached? ☐ Yes ☒ No									
	5.	Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 1						
		Name: James A. Oliff			7. A. Total fee (37 CFR 3.41)\$ 40.00					
					B. Enclosed (Check No. 120991)					
	Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320				Credit any overpayment or charge any underpayment to deposit account number 15-0461.					
/ 07/30/200 01 FC:581	40 00 MP									
	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 the original document. Date: July 17, 2001 James A. Oliff. Registration No. 27,075 Thomas J. Pardini, Registration No. 30,411 Total number of pages including cover sheet, attachments, and document: 3									

ASSIGNMENT

		(1) <u>Shi</u>	geki YAMANI	E(!	5)					
(4 0)	T	(2)		(5)					
(1-0)	Insert Name(s) of	(3)	·-	('	7)	and				
	Inventor(s)				3)					
		other good signed, t assign, tr	n considerate and valuable to the undersign cansfer and s	tion of the s e considerati ned agree(s) set over to	cum of one dollar ons paid to each o to assign, and	(\$1.00) and of the under- hereby does				
(9)	Insert Name of Assignee	(9)	See Attached	l Sheet						
(10)	Insert Address of Assignee									
		(hereinafter designated as the Assignee) 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 divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as								
(11)	Insert Identifi-	(11) <u>VEH</u>	CLE POWER	DISTRIBUTO	R AND METHOD OF	CONNECTING				
	cation, such as Title, Case Number or Foreign Appli-	CONTROL			ICLE POWER DIST	TRIBUTOR				
	cation Number	(case no.)						
		for which patent in	the underside the United 1	med has (have States of Ame	e) executed an apprica	olication for				
(12)	Insert Date of Signing of Application	(12) on _	July 13, 20	001						
(13)	Alternative Identification	(13) U.S.	application	Serial Numbe	r					
	for filed applications									
1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary. 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee										
to the Assignee. 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith. 6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE 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 witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date July 13, 2001 Name of Inventor Name (SEAL)										
Date	July 13, 2001	Name of Inv	entor	Stugeti	January	(SEAL)				
Date	I	Name of Inv	entor			(SEAL)				
Date	1	Name of Inv	entor			(SEAL)				
	1									
	l									
	I									
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:										
Date		Witness _			DATEN-	F				

REEL: 012003 FRAME: 0771

- (9) (1) AUTONETWORKS TECHNOLOGIES, LTD.
 - (2) SUMITOMO WIRING SYSTEMS, LTD.
 - (3) SUMITOMO ELECTRIC INDUSTRIES, LTD.
- (10) (1) 7-10, Kikuzumi 1-chome, Minami-ku, Nagoya-shi, Aichi, Japan
 - (2) 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie, Japan
 - (3) 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

PATENT REEL: 012003 FRAME: 0772

RECORDED: 07/17/2001