502661328 01/31/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2707935

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Osamu NAKAYAMA	12/10/2013	

RECEIVING PARTY DATA

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

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

Name:	Sumitomo Electric Industries, Ltd.						
Street Address:	5-33, Kitahama 4-chome, Chuo-ku						
City:	Osaka-shi, Osaka						
State/Country:	Japan						
Postal Code:	541-0041						

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14236397

CORRESPONDENCE DATA

Fax Number: (703)836-2787 **Phone**: 703-836-6400

PATENT 502661328 REEL: 032105 FRAME: 0144

Email: email@oliff.com Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: JAMES A. OLIFF OLIFF, PLC Address Line 1: Address Line 2: P.O. BOX 320850 Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850 ATTORNEY DOCKET NUMBER: 159584 NAME OF SUBMITTER: ANGELA M. NOLAN Signature: /Angela M. Nolan/

01/31/2014

Total Attachments: 1

Date:

source=1.31.14 159584 Assignment#page1.tif

PATENT REEL: 032105 FRAME: 0145

ASSIGNMENT (Three Assignees)

	Insert	(1)	Osamu N	IAKAYAMA		(2)					
(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							
(9A)	OA) Insert Name of First Assignee			(9A) AUTONETWORKS TECHNOLOGIES, LIMITED							
(10A)	Insert Address of Assignce	f First	(1 0A)	(10A) 1-14, Nishisuehiro-cho, Yokkaichi, Mie 510-8503 Japan							
(9B)	Insert Name of S Assignee	econd	(9B)	(9B) SUMITOMO WIRING SYSTEMS, LTD.							
(10B)	Insert Address of Assignee	f Second	(10B)	(10B) 1-14, Nishisuehiro-cho, Yokkaichi, Mie 510-8503 Japan SUMITOMO ELECTRIC INDUSTRIES, LTD.							
(9C)	Insert Name of T Assignee	hird									
(10C)	Insert Address of Assignee		5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan								
(11)	Insert Identificati such as Title, Cas		the entir inventio continua	e right, title and n, and in all app	interest for the dications for penal, substitute a ficates that ma	e United Satent incluand reissue y be grante	tates of Ame ding any and application(ed on the inv	rica as defined : all provisional, s), and all Lette	ssigns and legal re in 35 U.S.C. §100 , non-provisional, ers Patent, extensions), in the divisional,	
	Number, or Forei Application Numb			D 1	150504				*.*		
			(Attorne	ey Docket No.	159584), nied	on even date he	rewith or as		
(12)	Alternative		(12) U	J.S. Application	Number	14/2	36,397				
	Identification for				_						
	filed applications		filed	January 31	, 2014						
declared and goin claims or reexamir resulting the entire that this identificarecordati	1) Each undersignue separate assignme 2) Each undersignue concerning any app g forward with such 3) Each undersignum provisions of the It 4) Each undersignuation a grant of a verification a grant of a verification and application application and application assignment is bindired in the state of the interest herein assignment is bindired in that may be neon of this document.	ents in cored agrees lication of interfere ed agrees internation ed agrees alid Unite ed author on(s) to the gned, and go on Assed hereby cessary of the core of t	nnection v to execute r patent fe nce or pos to execute all Conver to perforr dd States p izes and re e said As: d that he o ignor and grants the	with such applice all papers need the invention of grant proceed cell papers and attion for Protect all affirmative atent to the Assequests the Consignees, as Assignees, as Assigner's heir e firm of OLIFF e in order to cor	ations and patessary in contra and to cooper ling. I documents at tion of Industrie acts which not genes. I missioner of ignees of the elecuted, and was, successors, as & Berring mply with the	ents as the ection with at evit the distribution of the U.S. Pentire inter iill not exe assigns are 2, PLC the rules of the	Assignees in the Assignees of the Assign	nay deem necestrence or post-gin every way per characteristics. The control of th	essary. grant proceeding possible in obtain cessary in connect or confirm by reis to issue any and or she has full right onflict herewith, gnment any further	which may be ing evidence ion with sue or all patents in to convey and agrees	
Date	December				n the date(s) (for Signature		_		ha.	(SEAL)	
Date _	V CI PINIXI	•			or Signature			V	ha	(SEAL)	
Date _				Invent	or Signature					(SEAL)	
Date _				Invent	or Signature				-	(SEAL)	
Date _				Invent	or Signature					(SEAL)	
Date _				Invent	or Signature					(SEAL)	
Date _				Invent	or Signature					_ (SEAL)	
Date _				Invent	or Signature					(SEAL)	
neither, t	This assignment she hen it should be sign						thin the U.S.	A. (b) a U.S. C	onsul if outside t	he U.S.A. If	
Date _					Witness						

PATENT REEL: 032105 FRAME: 0146

RECORDED: 01/31/2014