503677220 02/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3723856

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEI MURAYAMA	01/20/2016

RECEIVING PARTY DATA

Name:	SHINKO ELECTRIC INDUSTRIES CO., LTD.	
Street Address:	80, OSHIMADA-MACHI, NAGANO-SHI,	
City:	NAGANO	
State/Country:	JAPAN	
Postal Code:	381-2287	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15012017

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	MEL R. QUINTOS	
SIGNATURE:	/Mel R. Quintos/	
DATE SIGNED:	02/03/2016	

Total Attachments: 1

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PATENT 503677220 REEL: 037651 FRAME: 0819

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Docket	No	

	U.S. As	SSIGNMENT		
(Insert ASSIGNEE's		m of One Dollar (\$1.00), and of othe gned inventor(s) (hereinafter ASSIG Ltd.,		
Name(s) Address(es))	80, Oshimada-machi, Nagano-s	hi, Nagano 381-2287 Japan		
		eipt of which is hereby acknowledge and transfers to ASSIGNEE the ent led:		
(Title of Invention)	WIRING SUBSTRATE AND ELECTRONIC COMPONENT DEVICE			
(*If the assignment is being filed after the filing of the application, this section must be	for which application for Letters unless otherwise indicated below * filed on, Serial No		xecuted on even datc herewith	
completed)	(Kratz, Quintos & Hanson, LL filing date hereon, when known)	P is hereby authorized to insert the s	erial code, serial number and/or	
		United States to be obtained therefate, reissue or reexamination thereof		
	continuation, divisional, reissue	ate all papers necessary in connection or reexamination applications there a such applications as the ASSIG	of and also to execute separate	
	litigation, or other legal procee continuation, divisional, reissue thereon and to cooperate with the	ecute all papers necessary in conding which may be declared condor reexamination thereof or Letters he ASSIGNEE in every way possilich interference, litigation, or other le	erning this application or any Patent or reissue patent issued ble in obtaining and producing	
	IN WITNESS WHEREOF, the u	andersigned inventor(s) has (have) at	ffixed his/her/their signature(s).	
(Signatures)	kei Murayama (Signature)	Kei MURAYAMA (Type Name)	January 20, 2016 (Date)	
	(Signature)	(Type Name)	(Date)	
	(Signature)	(Type Name)	(Date)	
	(Signature)	(Type Name)	(Date)	
	(Signature)	(Type Name)	(Date)	
	(Signature)	(Type Name)	(Date)	

PATENT **REEL: 037651 FRAME: 0820**

Re. 07/07

NO LEGALIZATION REQUIRED