# 502528795 10/10/2013

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2574049

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	

Name	Execution Date
YOSHIHARU KURODA	10/09/2013

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14051235

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ATTORNEY DOCKET NUMBER:	374618-000214
NAME OF SUBMITTER:	TROY M. SCHMELZER
Signature:	/tms/
Date:	10/10/2013

Total Attachments: 2 source=214\_assg#page1.tif source=214\_assg#page2.tif CH \$40.00

PATENT REEL: 031384 FRAME: 0976 Form PTO-1595 1-3-92

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Yoshiharu KURODA	MURATA MACHINERY, LTD.		
Additional name(s) of conveying party(ies) attached?   Yes   No	3 Minami Ochiai-cho, Kisshoin, Minami-ku Kyoto-shi, Kyoto 601-8326 Japan		
3. Nature of conveyance:			
☐ Security Agreement ☐ Change of Name			
☐ Other			
Execution Date: October 9, 2013	Additional name(s) & address(es) attached? ☐ Yes ☒ No		
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the exect	ution date of the application is: October 9, 2013		
A. Patent Application No.(s)	B. Patent No.(s)		
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<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	Total number of applications and patents involved: [ 1 ]		
Troy M. Schmelzer, Esq. DLA PIPER LLP (US)	7. Total fee (37 CFR 3.41) \$40.00		
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			ASSIGNMENT	
(1-8)	Name(s) of Inventor(s)	(1) (2)	Yoshiharu KURODA	(5) (6)
		(3)		(7)
		(4)		(8)
			In consideration of the good and undersigned, the undersigned ag transfer and set over to	valuable considerations paid to each of the ree(s) to assign, and hereby does assign,
(9)	Name of Assignee	(9)	Murata Machinery, Ltd.	
(10)	State of Incorporation of Assignee	(10)	Kyoto, Japan	
(11)	Address of Assignee	(11)		/linami-ku, Kyoto-shi, Kyoto 601-8326, Japan gnee) the entire worldwide right, title and
(12)	Identification of Invention, such as Title, Case Number or Foreign Application Number	(12)		e) executed an application for patent in the tent applications in foreign countries reon.
(13)	Date(s) of Signing of Declaration	(13)	on	
contir in cor	uing United States and foreign ap	plication	cute all papers necessary in connec ons for the above-identified inventior signee may deem necessary or expe	tion with any original, reissue, divisional and and also to execute separate assignments dient.
decla possil	The undersigned agree(s) red concerning this application or only in obtaining evidence and going	conti	nuation or division thereof and to	ection with any interference which may be cooperate with the Assignee in every way
conne	The undersigned agree(s) ection with claims or provisions of t	to exe he Inte	cute all papers and documents and mational Convention for Protection	perform any act which may be necessary in of Industrial Property or similar agreements.
Unite	The undersigned agree(s)     States patent to the Assignee.	to pe	rform all affirmative acts which may	be necessary to obtain a grant of a valid

- 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 division or divisions or continuing applications thereof 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 any agreement in conflict herewith.
  - 6) The undersigned hereby appoints the persons associated with Customer Number:

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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.

Date: <u>Oct. 9, 20/3</u>	Signature of Inventor 1 Yorkiham . Kuroda .
Date:	Signature of Inventor 2
Date:	Signature of Inventor 3
Date:	Signature of Inventor 4
Date:	Signature of Inventor 5
Date:	Signature of Inventor 6

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**RECORDED: 10/10/2013**