503122449 01/05/2015

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT	

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14412738

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DATE SIGNED:	01/05/2015	

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PATENT 503122449 REEL: 034632 FRAME: 0147

Docket No:

	ASSIG	SNMENT
This is an Assignment or	f the following rights, title and	d interest:
☐ United States	s of America rights, title and	interest in the invention
	s, title and interest in the inve	ention
	Application No. PCT/JP20	013/071853
Date of Filing	g: August 13,	2013
☐ For which an	application for a U.S. Paten	nt was executed on
☐ United States	s Patent Application Serial N	lo
Date of Filing	J:	
Title of the Invention: FI	LUID-TYPE RETARDING DE	ZVICE
Inventors (Assignors): I	Hiroyuki YAMAGUCHI; Hiros	shi NOGAMI; Kenji IMANISHI; and Takashi FUTAB/
Assignee(s):	NIPPON STEEL & SU	IMITOMO METAL CORPORATION
		e invented certain new and useful improvements in the ntified patent application(s) and/or patent(s) (hereinafter
And, whereas we oldentified assignee;	lesire to assign our above-iden	tified rights, title and interest in the Invention to the above
Now, this indenture acknowledged;	witnesseth, that for good and	valuable consideration, the receipt whereof is hereby
applications(s) as identified and to any and all Letters P in and to any and all reissu	I above, including any divisions Patent of the United States, which es and reexaminations thereof, I or to accrue to us with respect	entified rights, title and interest in said Invention, said , continuations, and continuations-in-part thereof, and in ch may be granted or have granted for said Invention, and and in and to any and all priority rights, Convention rights to the filing of applications for patents or securing of
And we hereby aut States Letters Patent which interest thereto;	horize and request the Commis may issue for said Invention to	ssioner of Patents and Trademarks to issue any United o said Assignee, as assignee of the whole right, title and
for filing divisions, continual reissue or reissues of any L	tions and continuations-in-part	essary and lawful future documents, including applications of said application for patent, and/or, for obtaining any anted for my aforesaid Invention, as the Assignee or its its own expense.
June your Signature: Hiroyuki YAN	L	December 11, 2014
Signature: Hiroyuki YAN	IAGUCHI	Date
Kiroshi Morgan	Ni	December 11, 2014
<i> Yuxhi ' Tugar</i> Signature: Hiroshi NOG/	AMI	Date
7/ 1/1	- land	
Kenji Mnan Signature: Kenji IMANIS	1011	December 11, 2014
Signature: Kenji IMANIS	пі	Date
Tukashi Fital	e L	December 11 2014
Signature: Takashi FUT		December 11, 2014 Date

PATENT REEL: 034632 FRAME: 0148

RECORDED: 01/05/2015