503586478 11/25/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
YOSHIYA TOMATSU	11/24/2015	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14952139		

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NAME OF SUBMITTER:	CHRISTOPHER R. GLEMBOCKI	
SIGNATURE:	/Christopher R. Glembocki/	
DATE SIGNED:	11/25/2015	

Total Attachments: 1

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PATENT 503586478 REEL: 037143 FRAME: 0385

ASSIGNMENT

		(1)	Yoshiya TO	MATSU	(5)		
(1-8) Insert		(2)			(6)	ararararan an a	
Name(s) of Inventor(s)	(3)			(7)			
		(4)					
			In conside	eration of the sum of	one dollar (\$1.00) ar	nd other good and valuable conside assign, and hereby does assign, tr	erations paid to
(9)	Insert Name of Assignee	(9)	BROTHER	KOGYO KABUSHII	KI KAISHA		£"
(10)	Insert Address of Assignee	(10)	15-1 Naeshi	ro-cho, Mizuho-ku,	Nagoya-shi, Aichi	-ken, 467-8561 Japan	
	·		(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 provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification	(11)	BOSS FOR	SELF-TAPPING S	CREW		
	of Invention such as Title, Case						
	Number, or Foreign Application Number	1	(Attorney Doc		16689.0058		
			for which the u	ndersigned has (have	e) executed an applic	ation for patent in the United States	of America
(12)	Insert Date of Signing of Application	(12)	on	Nov. 24,	2015		·
(13)	Alternative Identification for filed applications	(13)	U.S. application	on Serial Number			
applicat any app Assigne claims of reexam States r full right herewith identific	ions and patents as the 2) The undersigned dication or continuation is in every way possibuted in every way possibuted as the undersigned or provisions of the Interest of a value of the undersigned from said application of a value of the undersigned is to convey the entire in the undersigned of th	le Ass lagren or di le in o lagre ernation dagre id Uni l herel olication nteres	ignees may dee e(s) to execute a vision thereof, or btaining evidence e(s) to execute onal Convention ne(s) to perform ted States pater by authorize(s) a on(s) to the said therein assigne	m necessary. all papers necessary r any patent or reissue e and going forward v all papers and docum for Protection of Indu- all affirmative acts v tt to the Assignee. Ind request(s) the Col Assignee, as Assigned, and that he has (the	in connection with a e application based to with such interference ents and perform a strial Property or sime which may be necess memissioner of Patente ee of the entire interfey have) not execute Witcoff, LTD the	ny act which may be necessary in	perate with the connection with n by reissue or the United has (they have) nents in conflictent any further
	In witness whereof,	exec	uted by the unc	lersigned on the dat	e(s) opposite the u	ndersigned name(s).	
Date	Nov. 24	, 2	015	Name of Invento	or Yoshin	ia Tomatsa	(SEAL)
Date	e		Y4W:3	_ Name of Invento	, Эт		(SEAL)
Date	•		***************************************	Name of Invento	or	LALER MANAGEMENT AND ADDRESS OF THE STATE OF	(SEAL)
Date	e			Name of Invento	or		(SEAL)
Date	e			Name of Invento	or		(SEAL)
Dat	e			Name of Invento	or		(SEAL)

PATENT REEL: 037143 FRAME: 0386

RECORDED: 11/25/2015