PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUTAKA YAMADA	06/11/2018

RECEIVING PARTY DATA

Name: BROTHER KOGYO KABUSHIKI KAISHA	
Street Address: 15-1, NAESHIRO-CHO, MIZUHO-KU	
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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16014035

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	006760.00589
NAME OF SUBMITTER:	GARY D. FEDOROCHKO
SIGNATURE:	/Gary D. Fedorochko/
DATE SIGNED:	06/21/2018

Total Attachments: 1

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PATENT REEL: 046168 FRAME: 0189 504971645

2017-00393US00/57UP01

ASSIGNMENT

	(1)	Kazutaka YAMADA	(5)			
(1-8) Insert	(2)	AAAA.	(6)			
Name(s) of Inventor(s)	(3)					
	(4)		cat			
		In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to of the undersigned agree(s) to assign, and hereby does assign, transfer and set over				
Insert Name of Assignee	(9)	BROTHER KOGYO KABUSHIKI K				
10) Insert Address		15-1 Naeshiro-cho, Mizuhe-ku, Nagoya, Aichi 467-8561, Japan				
(11) Insert	(11)	as defined in 35 U.S.C. §100, in it provisional, non-provisional, division Patent, extensions, reissues and ree	he invention, and in all app al, continuation, substitute, a xamination certificates that m	lications for patent including any and all and reissue application(s), and all Letters		
of invention such as Title, Case		Non-Transitory Computer-Readable Medium Storing Instruction Therefor				
		(Attorney Docket No. 006	760.00589	,		
		for which the undersigned has (have	executed an application for p	patent in the United States of America		
Insert Date of Signing of Application	(12)	on				
Alternative	(13)	U.S. application Serial Number				
Identification for				~**************************************		
	Name(s) of inventor(s) Insert Name of Assignee Insert Address of Assignee Insert identification of invention such as Title, Case Number, or Foreign Application Number Insert Date of Signing of	insert (2) Name(s) of inventor(s) (3) (4) Insert Name of Assignee (9) Insert Address of Assignee (10) Insert identification (11) of invention such as Title, Case Number, or Foreign Application Number Insert Date of Signing of (12) Application	Insert (2) Name(s) of inventor(s) (3) (4) In consideration of the sum of one of the undersigned, the undersigned insert Name of Assignee (9) Insert Address of Assignee (10) Insert Address of Assignee (10) (hereinafter designated as the Assignated in 35 U.S.C. \$100, in the provisional, non-provisional, division Patent, extensions, reissues and real insert Identification of Invention such as Title, Case Number, or Foreign Application Number (Attorney Docket No. 0067 for which the undersigned has (have) insert Date of Signing of (12) on Application	Insert (2) (6) Name(s) (7) (4) (8) In consideration of the sum of one dollar (\$1.00) and other good of the undersigned, the undersigned agree(s) to assign, and heret insert Name of Assignee (9) Insert Address of Assignee (10) In Consideration of the sum of one dollar (\$1.00) and other good of the undersigned agree(s) to assign, and heret insert Address of Assignee (10) In Consideration of the sum of one dollar (\$1.00) and other good of the undersigned agree(s) to assign, and heret insert designated as the Assignee (10) In Consideration of the sum of one dollar (\$1.00) and other good of the undersigned agree(s) to assign, and heret insert designated as the Assignee (10) In Consideration of the sum of one dollar (\$1.00) and other good of the undersigned agree(s) to assign, and heret insert designated agree(s) to assign, and heret insert designated as the Assignee) the entire right, title and as defined in 35 U.S.C. §100, in the invention, and in all approvisional, non-provisional, divisional, continuation, substitute, a Patent, extensions, reissues and reexamination certificates that methods in the invention of the sum of one dollar (\$1.00) and other good of the undersigned agree(s) to assign, and heret insert designated agree(s) to assign, and heret designated agree(s) to a		

- 1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 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(s) 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, and will not execute, any agreements in conflict herewith.
- 6) The undersigned hereby grant(s) the firm of Banner & Witcoff, LTD 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.

in witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Jun. 11, 2018	Name of Inventor	Kazu take Kazutaka YAMADA	Gomada	(SEAL)
Date	***************************************	Name of Inventor			(SEAL)
Date		Name of Inventor	347		(SEAL)
Date		Name of Inventor	P0000000000000000000000000000000000000		(SEAL)
Date		Name of Inventor	And the same of th		(SEAL)

PATENT REEL: 046168 FRAME: 0190