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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
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TAKESHI MIYAKE			08/30/2019	}	
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PROPERTY NUMBER Property Type	e	Number			
	e	Number 16574891			
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2018-00503US00/Code:57UL01

ASSIGNMENT

(1)) Takeshi MIYAKE	(5)	
nt (2))	(6)	
(4))	(8)	
		dollar (\$1.00) and other good and value	ble considerations paid to each
1233) BROTHER KOGYO KABUSH	iki kaisha	
t Address) 15-1 Naeshim-cho, Mizuho-		
	as defined in 35 U.S.C. §100, in fl provisional, non-provisional, division Patent, extensions, reissues and ree NON-TRANSITORY COMI	he invention, and in all applications for al, continuation, substitute, and reissue xamination certificates that may be grar "UTER-READABLE MEDIUM	r patent including any and all application(s), and all Letters ted on the invention known as STORING COMPUTER-
as Title, Case ber, or Foreign	(Attorney Dockst No.		
	for which the undersigned has (have) executed an application for patent in th	e United States of America
t Date of ing of (12 ication) on <u>Aug. 30, 2</u>	<u>> [9]</u>	
	rt (2 ventor(s) (3 (4 rt Name of gnee (9 rt Address rt Address (10	rt (2) le(s) ventor(s) (3) (4) In consideration of the sum of one of the undersigned, the undersigned rt Name of gnee (9) BROTHER KOGYO KABUSH rt Address ssignee (10) 15-1 Naeshiro-cho, Mizuha- (hereinafter designated as the Assig as defined in 35 U.S.C. §100, in the provisional, non-provisional, division Patent, extensions, reissues and ree rt tification (11) NON-TRANSITORY COMI READABLE INSTRUCTION vention as Title, Case ber, or Foreign isation Number (Attorney Docket No.	rt (2) (6) ie(s) (3) (7) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (4) (3) (3) (5) BROTHER KOGYO KABUSHIKI KAISHA (10) 15–1 Naeshino-cho, Mizuho-ku, Nagoya, Aichi 467–8561, Ja (10) 15–1 Naeshino-cho, Mizuho-ku, Nagoya, Aichi 467–8561, Ja (hereinafter designated as the Assignee) the entire right, title and interest for as defined in 35 U.S.C. §100, in the invention, and in all applications to provisional, non-provisional, divisional, continuation, substitute, and reissue Patent, extensions, reissues and reexamination certificates that may be gran

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 relissue 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	Aug. 30, 2×19	Name of Inventor	Takeshi Miyak e Takeshi MiYAKE	(SEAL)
Date	·	Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)
Date		Name of Inventor		(SEAL)

RECORDED: 10/15/2019

PATENT REEL: 050717 FRAME: 0679