505864737 01/15/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATOSHI TANAKA	09/24/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16743033		

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DATE SIGNED:	01/15/2020

Total Attachments: 1

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PATENT 737 REEL: 051518 FRAME: 0750

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ASSIGNMENT

		(1)	Satoshi TANAKA	(5)	***************************************			
(1-8)	Insert	(2)						
Name(s) of Inventor(s)		(3)						
	,	~ .						
		10		ım of one dollar (\$1,00) ar	nd other good and valuable assign, and hereby does as			
(9)	Insert Name of Assignee	(9)	. BROTHER KOGYO KABU	JSHIKI KAISHA				
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-	 				
			(hereinafter designated as the Assignee) the entire right, title and interest for the United States of Americas defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and a provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letter Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Insert Identification	(11)	COMMUNICATION DEVI	CE AND TERMINAL DE	EVICE			
	of Invention such as Title, Case Number, or Foreign							
	Application Numbe	r .	(Attorney Docket No.					
(12)	insert Date of Signing of Application	(12)	for which the undersigned has on <u>Ap. 24, 2</u>	0,14	ation for patent in the Unifed			
(13)	Alternative Identification for filed applications	(13)	U.S. application Serial Number	9r		***************************************		
application any application any application applications of claims of reexamt States in full right herewill identific	ions and patents as the 2). The undersigned officiation or continuation as in every way possible 3). The undersigned or provisions of the Interest 4). The undersigned ination a grant of a valid 5). The undersigned resulting from said application convey the entire in the undersigned.	e Assi agree or div e in ole agree ematio agree d Unit hereb dicatio aterest	n, and any patent(s) issuing the grees may deem necessary. (s) to execute all papers neces is ion thereof, or any patent or intaining evidence and going for (s) to execute all papers and coal Convention for Protection of etc.) to perform all affirmative ded States patent to the Assignery authorize(s) and request(s) the firm of the papers and that he have in assigned, and that he have grant(s) the firm of Same ary or desirable in order to coal	essary in connection with a eissue application based it ward with such interference documents and perform as f Industrial Property or sim acts which may be necessed. The Commissioner of Paten assignee of the entire inter- ass (they have) not execute ther & Witcoff, LTD the	ny interference which may le hereon, for the invention, an e. ny act which may be neces illar agreements. Isary to obtain, maintain or its to issue any and all Letter est, and hereby covernants to ad, and will not execute, any power to insert on this a	be declared concerning d to cooperate with the sary in connection with confirm by reissue or re Patents of the United that he has (they have) agreements in conflict ssignment any further		
	In witness whereof,	exect	ited by the undersigned on the	ne date(s) opposite the u	ndersigned name(s).			
Dati	· 10-24.	20,	Name of Ir	ventor ACACI Satoshi TANAKA	Tomalar	(SEAL)		
Date	a		Name of ir	ventor		(SEAL)		
Dati	8		Name of in	veutor		(SEAL)		
Date	9		Name of Ir	iventor		(SEAL)		
Date	9		Name of Ir	eventor	·	(SEAL)		
Dat	ÿ		Name of it	eventor	·	(SEAL)		

PATENT REEL: 051518 FRAME: 0751

RECORDED: 01/15/2020