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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUSHI TAKAHASHI	04/18/2019
SHOGO TAKAYAMA	04/18/2019
TAKANORI SHIMAZOE	04/18/2019
KANAKO FUKUOKA	04/22/2019
TOMOHIRO MIYAZAKI	04/18/2019
MARK SYDAVONG	05/28/2019

RECEIVING PARTY DATA

Name:	TOTO, LTD.
Street Address:	1-1, NAKASHIMA 2-CHOME, KOKURAKITA-KU
City:	KITAKYUSHU-SHI, FUKUOKA
State/Country:	JAPAN
Postal Code:	802-8601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29685640

CORRESPONDENCE DATA

Fax Number: (202)824-3001

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (202) 824-3000

bwptopat@bannerwitcoff.com, rblackwell@bannerwitcoff.com Email:

BANNER & WITCOFF, LTD. **Correspondent Name:**

1100 13TH ST. NW Address Line 1:

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	146777.00054
NAME OF SUBMITTER:	RYAN A. BLACKWELL
SIGNATURE:	/Ryan A, Blackwell/
DATE SIGNED:	06/17/2019

PATENT REEL: 049487 FRAME: 0027 505528514

Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif

PATENT REEL: 049487 FRAME: 0028

ASSIGNMENT

		(1)	Yasushi	TAKAHAS	3HI		(5)	Tomohi	ro MIYA	ZAKI			
(1-8)	Insert	(2)	Shogo T	TAKAYAM.	Ą		(6)	Mark S	YDAVO	NG			
	Name(s) of Inventor(s)	(3)		ri SHIMAZ			(7)						
		(4)		FUKUOKA			(8)						
		. ,	In consider	ation of the su igned, the und	m of one o		and c	other good a	nd valuabi	e conside	erations p	aid to	each
(9)	Insert Name of Assignee	(9)	тото L	.TD.									
(10)	Insert Address of Assignee	(10)	1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 Japan										
		i	as defined in provisional, n	lesignated as t 35 U.S.C. § ion-provisional sions, reissues	100, in th , divisiona	e invention, a al, continuation	and i n, su	in all applica ibstitute, and	ations for t reissue	patent in applicatio	ncluding a on(s), and	any ar I ali Le	nd all etters
(11)	Insert Identification of Invention	(11)	FAUCE	=T		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						1000000000	
	such as Title, Case Number, or Foreign Application Number	٢	(Attorney E		******			AMERICAN SERVICE SERVI	*************	***************************************	************	*********	*********
(AM)	Inner Data of	1	for which the	undersigned h	as (have)								
(12)	Insert Date of Signing of Application	(12)	on _	April 18	,2019			April.	22.	2019	Mai	<u> </u>	<u> 201</u>
(13)	Alternative Identification for	(13)		ation Serial Nu		29/685,6	640)			*************		
	filed applications		filed	March	29, 2	2019	ANNARRY						
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Date	April.10	f, 2	619	Name (of invento	Vasush	LU) II TA	SVI (KAHASH	Takan	hast	u'	(SE/ -	AL)
Date	· April 18,2	<u> </u>		Name (of invento	* Shogo	TAK	CAYAMA		,		(SE/	AL)
Date	· April -	18.	2019	Name (of Invento	Takano	αη ri S	ori S HIMAZOE	him e	zoe	<u></u>	(SE/	AL)

PATENT REEL: 049487 FRAME: 0029

Date	April (22, 2019	Name of Inventor	Kavia ko FVKVOKA Kanako FUKUOKA	(SEAL)
Date	April. 18. 2019	Name of Inventor	Tomohino MIYAZAKI Tomohino MIYAZAKI	(SEAL)
Date	May 18, 2019	Name of Inventor	Mark Sydavong Mark SYDAVONG	(SEAL)

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