PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAMI TSUJITA	05/22/2018
SHOICHI TSUIKI	05/22/2018
YUTA TANOGASHIRA	05/24/2018
TAKESHI YASUGATA	05/28/2018

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:	15993694

CORRESPONDENCE DATA

Fax Number: (216)579-6073

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.

216-579-1700 Phone: Email: csy@pearne.com

Correspondent Name: PEARNE & GORDON LLP 1801 EAST 9TH STREET Address Line 1:

Address Line 2: **SUITE 1200**

Address Line 4: **CLEVELAND, OHIO 44114-3108**

ATTORNEY DOCKET NUMBER:	HYU1-59261	
NAME OF SUBMITTER:	NOBUHIKO SUKENAGA	
SIGNATURE:	/nobuhiko sukenaga/	
DATE SIGNED:	06/01/2018	

Total Attachments: 3

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PATENT REEL: 045958 FRAME: 0446

DECLARATION AND ASSIGNMENT FOR US UTILITY OR DESIGN PATENT APPLICATION

or
'

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, new and useful improvements have been made by the undersigned as described in the above-identified application.

WHEREAS, TOTO LTD., having a place of business at 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka, 802-8601 Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United

States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Masami TSUJITA
uarmi Šaujita

[X] Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Additional Inventor(s)

RECORDED: 06/01/2018

Legal Name of Inventor: Shoichi TSUIKI
Signature of Inventor: Shoichi Bwhi
Date: May 22, 2018
Witness:
Witness:
Legal Name of Inventor: Yuta TANOGASHIRA
Signature of Inventor: <u>Juta Dano-gashiva</u>
Date: May 24, 2018
Witness:
Witness:
Legal Name of Inventor: <u>Takeshi YASUGATA</u>
Signature of Inventor: <u>Takeshi Yasuqata</u>
Date: May 28, 2018
Witness:
Witness:

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