PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4595067

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE THIRD ASSIGNOR previously recorded on Reel 043230 Frame 0623. Assignor(s) hereby confirms the ORIGINALLY EXECUTED ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
RYOHEI MAKINO	04/28/2017
MOTOYOSHI KUBOUCHI	04/24/2017
KIYOSHI TAKAHASHI	04/27/2017

RECEIVING PARTY DATA

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Street Address:	1-1, TANABESHINDEN, KAWASAKI-KU,
City:	KAWASAKI-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	210-9530

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15638009

CORRESPONDENCE DATA

Fax Number: (202)434-1501

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.

danderson@s-n-h.com Email: Correspondent Name: STAAS & HALSEY LLP

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Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	2482.1037
NAME OF SUBMITTER:	DAVID M. PITCHER REG. NO. 25,908
SIGNATURE:	/David M. Pitcher/
DATE SIGNED:	09/14/2017

Total Attachments: 6

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> **PATENT** REEL: 043865 FRAME: 0684 504548359

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> PATENT REEL: 043865 FRAME: 0685



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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYOHEI MAKINO	04/28/2017
MOTOYOSHI KUBOUCHI	04/24/2017
KIYOSHI TAHAHASHI	04/27/2017

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Property Type	Number
Application Number:	15638009

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provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET
NUMBER:

2482.1037

NAME OF SUBMITTER:

DAVID M. PITCHER

Signature:

/David M. Pitcher/

Date:

08/08/2017

Total Attachments: 2

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U.S. ASSIGNMENT

Docket No.

Sect 1 99

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJI ELECTRIC CO., LTD.

1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 JAPAN

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

(Title of life ention)	
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relating to International Patent Application and/or for whic date herewith or, if not so executed, was:	h application for Letters Patent of the United States was executed on even
(a) executed on	(Insert date of execution of application, if not concurrent)
(b) filed on	Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
substitute, reissue or reexamination application based the granted and including any extensions thereof (collectively The ASSIGNOR agree(s), when requested by s to do all acts which the ASSIGNEE may deem necessary, said invention, including in the preparation and prosecution interference, reissue, reexamination, or public use procee	aid ASSIGNEE and without charge to but at the expense of said ASSIGNEE, desirable or expedient, for securing, maintaining and enforcing protection for on of said application(s) and the issuance of said Letters Patent(s), in any ding, and in any litigation or other legal proceeding which may arise or be be limited to executing all papers, including separate assignments and
IN WITNESS WHEREOF, the undersigned inventor(s) (Typed Name & Signature of Inventor(s)) 1) (Ryohei MAKINO) (Motcyoshi KUBOUCHI)	(Date)
3) (Kiyoshi TAKAHASHI)	

U.S. ASSIGNMENT

Docket No.

8x11140

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJI ELECTRIC CO., LTD.

RECORDED: 09/14/2017

1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 JAPAN

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IN WITNESS WHEREOF, the undersigned inventor(s) (Typed Name & Signature of Inventor(s))	has (have) affixed his/her/their signature(s). (Date)
(Ryonei MAKINO) (Ryonei MAKINO) (Motogoshi KUBOUCHI) (Motoyoshi KUBOUCHI) (Kiyoshi TAKAHASHI)	cril 27, 2017

PATENT REEL: 043865 FRAME: 0689