505376194 03/14/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIGERU MATSUMOTO	01/27/2017
HIROSHI MIYASHITA	01/27/2017
KAZUHIRO MURAUCHI	01/27/2017
MINORU ENDO	01/27/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16354113

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ATTORNEY DOCKET NUMBER: 122072-00085CON

NAME OF SUBMITTER: MICHAEL R. FRISCIA

SIGNATURE: /Michael R. Friscia/

DATE SIGNED: 03/14/2019

Total Attachments: 2

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PATENT REEL: 048604 FRAME: 0626 source=Assignment#page2.tif

PATENT REEL: 048604 FRAME: 0627

M&E Docket: 122072-00085

UNITED STATES ASSIGNMENT FROM INVENTOR

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor:

Sigeru MATSUMOTO, Hiroshi MIYASHITA, Kazuhiro MURAUCHI, Minoru ENDO

hereby sells, assigns and transfers to Assignee:

KOKUSAI KEISOKUKI KABUSHIKI KAISHA, having a business address of 21-1, Nagayama 6-chome, Tama-shi, Tokyo 206-0025, Japan

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to, and any and all improvements which are disclosed in

(a) Patent Number	dated	(ARAHRADA KARAHRADA KARAHRADA KARAH
(b) Application for Letters Patent Serial No	<u>, filed</u>	
(c) Application for Letters Patent which has herewith and entitled	been executed by the undersigned	concurrently

OSCILLATING DEVICE, ELECTRODYNAMIC ACTUATOR, CROSS GUIDEWAY, LINEAR GUIDEWAY AND VIBRATING TABLE

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned will execute all other patent applications; proper oaths, assignments; powers of attorney, or other papers and communicate all facts known to it relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that he/she has the full right to convey the rights and property described herein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to others by the undersigned.

PATENT REEL: 048604 FRAME: 0628

ASSIGNOR

Dated:	Jonuary	27	, 2017

By Sigery Matsumoto
Sigery MATSUMOTO

Dated: Janaary 27, 2017

By Arrochi Miyashita
Hiroshi MIYASHITA

Dated: Vanuary 27, 2017

By Kazuhiro MURAUCHI

Dated: January 27, 2017

By Minoru ENDO Minoru ENDO

PATENT REEL: 048604 FRAME: 0629

RECORDED: 03/14/2019