502982966 09/19/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3029565

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
YOSHIFUMI SAITO	09/09/2014
HIROAKI KAIDA	08/25/2014
MANABU IBAYASHI	08/27/2014
YUICHIRO NAGAMINE	08/25/2014
KATSUMA MOROISHI	09/05/2014
TAKUYA KONO	08/25/2014
KAZUHIRO MIMURA	09/02/2014

## RECEIVING PARTY DATA

Name:	MURATA MANUFACTURING CO., LTD.
Street Address:	10-1, HIGASHIKOTARI 1-CHOME
City:	NAGAOKAKYO-SHI, KYOTO-FU
State/Country:	JAPAN
Postal Code:	617-8555

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14486214

# CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: M1071.3387 RICHARD LACAVA NAME OF SUBMITTER: **SIGNATURE:** /Richard LaCava/

**PATENT REEL: 033773 FRAME: 0682** 502982966

DATE SIGNED: 09/19/2014

Total Attachments: 2
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PATENT REEL: 033773 FRAME: 0683

FILE NO. M1071.3387

PATENT APPLICATION ASSIGNMENT

WHEREAS, We, Yoshifumi Saito, Hiroaki Kaida, Manabu Ibayashi, Yuichiro Nagamine,

Katsuma Moroishi, Takuya Kono, and Kazuhiro Mimura, as assignors, have invented certain

improvements for QUARTZ VIBRATOR MANUFACTURING METHOD AND QUARTZ

VIBRATOR which an application for United States Letters Patent has been executed by us of

even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. (Corporation of Japan) address: 10-1,

Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, is desirous of

acquiring all right, title and interest in and to said invention and any Patent that may be granted

therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and

valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby

sell, assign and set over to said assignee the entire right, title and interest for the United States

and all other countries in and to said invention and the aforesaid application for Patent, all

original, divisional, continuation, substitute or reissue applications and patents applied for or

granted therefor in the United States and all other countries, including all rights of priority from

the filing of said application, and all rights for past infringement, and the Commissioner of

Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions

or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the

undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and

covenant without further remuneration, to execute and deliver all divisional, continuation, reissue

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PATENT REEL: 033773 FRAME: 0684 and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date:	Sertember 9, 2014	Yoshifumi	Sai
	•	Yoshifumi Saito	

Date: August 25, 2014 Hiroski Kaida

Date: August = 7, 2014

Manabu Ibayashi

Manabu Ibayashi

Date: August 25, 2014 August Mayound Yaichiro Nagamine

Date: <u>Septembey S. 34/4</u>
<u>Katauma Moroishi</u>
Katsuma Moroishi

Date: August 25, 2014 Haluya Rona

Date: Logituder 2.2014 Hogelino Minure

Date: Howard Kazuhiro Mimura