

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by MASANORI FUJIDA and TOSHIO HATA, residing at YASU-GUN, SHIGA-KEN, JAPAN and OMIHACHIMAN-SHI, SHIGA-KEN, JAPAN (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in FREQUENCY-SWITCHING OSCILLATOR AND ELECTRONIC DEVICE USING THE SAME set forth in an application for Letters Patent of the United States,

- (1) which is a provisional application
- (a) to be filed herewith; or
- (b) bearing Application No. , and filed on ; or
- (2) which is a non-provisional application
- (a) having an oath or declaration executed on even date herewith prior to filing of application;
- (b) bearing Application No. , and filed on ; or
- (c) to be filed; and

WHEREAS, MURATA MANUFACTURING CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 26-10, TENJIN 2-CHOME, NAGAOKAKYO-SHI, KYOTO-FU 617-8555, JAPAN (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of BURNS, DOANE, SWECKER & MATHIS, L.L.P. of Alexandria, Virginia to insert in the spaces provided above the filing date, application number, and attorney docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date 2/26/2000 Signature of Assignor Masanori Fujidai
Masanori FUJIDAI

Date 1/27/2000 Signature of Assignor Toshio Hata
Toshio HATA

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

Date _____ Signature of Assignor _____

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Patent
Attorney's Docket No. 018976-156

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Masanori FUJIDAI et al.)	Group Art Unit: 2817
)	
Application No.: 09/518,819)	Examiner: Unassigned
)	
Filed: March 3, 2000)	
)	
For: FREQUENCY-SWITCHING OSCILLATOR)	
AND ELECTRONIC DEVICE USING THE)	
SAME)	

LETTER TO THE EXAMINER, ASSIGNMENT DIVISION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice of Non-Recordation of Document dated May 17, 2000, and further to the telephone interview conducted on May 30, 2000, with an Examiner of the Assignment Division, enclosed please find an updated Recordation Form Cover Sheet. During the May 30, 2000, telephone interview, the Examiner acknowledged that the pending objection is not well founded since the Application Serial Number is not required for a Recordation Form Cover Sheet filed as part of the original application. However, for the convenience of the Assignment Division, a courtesy copy of a Recordation Form Cover Sheet is provided herewith which now reflects the Application Serial Number of the above-identified application.

Since the present courtesy copy of the Recordation Cover Sheet is being filed in response to an error on the part of the U.S. Patent and Trademark Office, it is respectfully submitted that no fee is due. In the event that the Assignment Division takes the position



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that a fee is due for the present Letter, please charge the fee to Deposit Account No. 02-4800, and advise Applicants, in writing, that such a fee has been charged.

In the event there are any concerns remaining unresolved, the Examiner is kindly invited to contact Applicants' representative at the telephone number listed below.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: Scott Charles Richardson
Scott Charles Richardson
Registration No. 43,436

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Date: June 16, 2000