

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takehiro Takahashi	07/21/2011
Shuichi Mizusawa	07/21/2011
RECEIVING PARTY DATA	
Name:	Nihon Dempa Kogyo Co., Ltd.
Street Address:	Sasazuka NA Building, 1-50-1, Sasazuka
City:	Shibuya-ku, Tokyo
State/Country:	JAPAN
Postal Code:	151-8569
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13071553
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NAME OF SUBMITTER:	Kelly Brickman
Total Attachments: 2 source=SPTO106USAssignmentasfiled#page1.tif source=SPTO106USAssignmentasfiled#page2.tif	

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ASSIGNMENT

WHEREAS, we, Takehiro Takahashi and Shuichi Mizusawa, residing at c/o Nihon Dempa Kogyo Co., Ltd., 1275-2, Oaza Kamihirose, Sayama-shi, Saitama, Japan, and c/o Nihon Dempa Kogyo Co., Ltd., 1275-2, Oaza Kamihirose, Sayama-shi, Saitama, Japan, respectively, have invented new and useful improvements in

Quartz Crystal Device Using At-Cut Quartz Substrate and
Manufacturing the Same

for which we are making application for Letters Patent of the United States, which application was filed on March 25, 2011 under Application No. 13/071,553; and

WHEREAS, Nihon Dempa Kogyo Co., Ltd., a company having a place of business at Sasazuka NA Building, 1-50-1, Sasazuka, Shibuya-ku, Tokyo, 151-8569, Japan, is desirous of acquiring the entire right, title and interest in and to said improvements and any Letters Patent which may be granted thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid and other good and valuable consideration, receipt of which is hereby acknowledged, we, the said Takehiro Takahashi and Shuichi Mizusawa, sell, assign and transfer to Nihon Dempa Kogyo Co., Ltd., its successors and assigns (hereinafter called "Assignee"), the entire right, title and interest in and to said improvements and in and to any Letters Patent which may be obtained thereon in the United States, together with said application and all divisional, continuing, substitute, renewal, reissue, and other applications for Letters Patent which have been or may be filed on said improvements in the United States, the same to be held and enjoyed by the Assignee for its and their sole use and behoof.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States on said improvements to the Assignee.

We further covenant and agree that when requested by the Assignee, and without further consideration, but at the cost and expense of the Assignee, we will execute and deliver all applications for patent on said improvements, execute all lawful oaths and other papers, supply to the Assignee all facts and evidence known to us relating to said improvements and the history and development thereof, testify in all interferences, suits, and other legal proceedings, and generally do everything rightful which the Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper patent protection for said improvements and for vesting the title to said improvements in the Assignee.

We further covenant that we have the lawful right to assign the interest in said improvements in the manner and form as herein expressed, that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever and that the execution of this Assignment is our own free act and deed.

Date: 21 July 2011

Takehiro Takahashi
Takehiro Takahashi

Witness

Witness

Date: 21 July 2011

Shuichi Mizusawa
Shuichi Mizusawa

Witness

Witness