

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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:	13195439
CORRESPONDENCE DATA	
Fax Number:	(860)527-5029
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	860 527 9211
Email:	kbrickman@pctlaw.com
Correspondent Name:	ALIX YALE & RISTAS LLP
Address Line 1:	750 MAIN STREET
Address Line 2:	SUITE 1400
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	KOTO/109/US
NAME OF SUBMITTER:	Kelly Brickman
Total Attachments: 2 source=KOTO109USAssignmentasfiled#page1.tif source=KOTO109USAssignmentasfiled#page2.tif	

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ASSIGNMENT

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

**AT-CUT QUARTZ-CRYSTAL DEVICE AND METHODS FOR MANUFACTURING
SAME**

for which I am making application for Letters Patent of the United States, which application was filed on August 1, 2011 under Application No. 13/195,439; 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 (1) Dollar to me in hand paid and other good and valuable consideration, receipt of which is hereby acknowledged, I, the said 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 and in all countries foreign thereto, 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 or any other country; the same to be held and enjoyed by the Assignee for its and their sole use and behoove; and I do hereby further assign to the Assignee the right to file applications for patent in all countries on said improvements and all rights of priority resulting from any application for Letters Patent filed on said improvements.

I 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.

I further covenant and agree that when requested by the Assignee, and without further consideration, but at the cost and expense of the Assignee, I will, for any and all countries, 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 me 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.

I further covenant that I have the lawful right to assign the interest in said improvements in the manner and form as herein expressed and that the interests herein conveyed are free from prior assignment, grant, mortgage, license, or other encumbrance whatsoever.

Date: 21. July 2011

Shuichi Mizusawa
Shuichi Mizusawa

Witness

Witness