t/Matter No.	12062-196	(556741)

	5-18-10 RECOR 103598210		
	To the Director of the U.S. Patent and Trademark Onice. I read		
1.		2. Name and Address of receiving Party(les):	
	KAZUHIRO SHIBATANI / APRIL 23, 2010	Name: KONICA MINOLTA OPTO, INC.	
		Address: 2970, ISHIKAWA-MACHI	
		HACHIOJI-SHI	
Additional name(s) of conveying party(ies) attached?		City: TOKYO 192-8505	
3.	Nature of Conveyance/Execution Date(s):		
	Execution Date(s): See No. 1 above.	Country: JAPAN	
	Assignment	Additional name(s) and addresses attached? ☐ Yes ☑ No	
4.	. Application or Patent Number(s).		
A.	Patent Application No.(s):	B. Patent No.(s) MAY 1 8 2010 attached? Yes No	
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications & patents involved: 1	
		7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
	BRINKS HOFER GILSON & LIONE PO BOX 10395 CHICAGO, IL 60610	 ☐ Authorize charge by credit card ☑ Authorize charge to Deposit Account No. 23-1925 ☐ Enclosed ☐ None required (government interest not affecting title) 	
	Phone: (312) 321-4200	8. Payment Information:	
	Fax: (312) 321-4299	a. Credit Card: Last 4 Numbers Expiration Date	
		b. Charge fee and/or any Deficiencies to Deposit Account Number 23-1925 Authorized User Name: Brinks Hofer Gilson & Lione	
9. Signature: /Andrew D. Stover/		May 18, 2010	
	Signature	Date	
	Andrew D. Stover, Reg. No 38,629 Name of Person Signing	Total no. of pages including coversheet, attachments and documents: 3	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

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PATENT REEL: 024447 FRAME: 0273

ASSIGNMENT

WHEREAS, <u>Kazuhiro SHIBATANI</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "<u>VIBRATORY</u> <u>DRIVING DEVICE</u>", executed by Assignors on the same date as this Assignment;

WHEREAS, Konica Minolta Opto, Inc., a corporation organized and existing under the laws of Japan, having a place of business at 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: Apr. 23, 2010 Kazuhiro Shibatani
Kazuhiro SHIBATANI

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PATENT

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