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U.S. DEPARTMENT OF COMMERC
Patent and Trademark Offic

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ATTORNEY DOCKET NO.: 15162/07230

	THE TOTAL POCKET NO.: 10102/07250
To the Honorable Commissioner of Patents and Trademarks: Please record the	e attached original documents or copy thereof.
Satoshi ONISHI, Atsushi MATSUURA and Kohei WATARU Additional name(s) of conveying party(ies) attached? _ Yes X No Nature of conveyance: X Assignment _ Merger	e attached original documents or copy thereof. 2. Name and Address of receiving party(ies): Name: KONICA MINOLTA OPTO, INC. Street Address: 2970, Ishikawa-machi City: Hachioji-shi Prefecture: Tokyo Country: JAPAN ZIP: 192-8505
_ Security Agreement _ Change of Name _ Other Execution September 27, 2005, respectively	Additional name(s) & address(es) attached? _ Yes X No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: September 27, 2005, respectively A. Patent Application No.(s) B. Patent No.(s)	
Additional numbers attac	
Name and address of party to whom correspondence concerning document should be mailed: Name: SIDLEY AUSTIN BROWN & WOOD LLP	Total Number of applications and patents involved: _1 Total fec (37 CFR 3.41)\$
Internal Address: Attn: Thomas N. Tarnay	X Authorized to be charged to deposit account
Street Address: 717 North Harwood Suite 3400 City: Dallas State: TX ZIP: 75201-6507	8. Deposit account number: 18-1260 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true are of the original document.	nd correct and any attached copy is a true copy

PATENT REEL: 017079 FRAME: 0920

ASSIGNMENT

In consideration of the sum of One Dollar (U.S. \$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Satoshi ONISHI, Atsushi MATSUURA and Kohei WATARU

hereby sells, assigns and transfers to KONICA MINOLTA OPTO, INC., a corporation duly organized under the laws of Japan, and having a place of business at 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 Japan, (hereinafter called Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

PROJECTION OPTICAL SYSTEM UNIT AND PROJECTION-TYPE IMAGE DISPLAY APPARATUS USING THE SAME

which application was executed by the undersigned on

the 27th day of September, 2005; the 27th day of September, 2005; and the 27th day of September, 2005; respectively

including said application and any and all divisions, continuations, and substitutes thereof and any and all United States Letters Patents which may be granted therefor and any and all extensions, reissues, renewals or reexaminations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

PATENT REEL: 017079 FRAME: 0921 Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed this	27th day of September, 2005.
	Satoshi Onishi Satoshi ONISHI
Signed this	27th day of September, 2005.
	Atsushi Matsuura
	Atsushi MATSUURA
Signed this	27th day of September, 2005.
	Kohei Wataru
	Kohoi WATARII

RECORDED: 10/06/2005

PATENT REEL: 017079 FRAME: 0922