

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kazuyuki OGURA</td> <td>06/06/2006</td> </tr> <tr> <td>Yoshihiro KAMADA</td> <td>06/05/2006</td> </tr> <tr> <td>Kojiro TAKATORI</td> <td>06/27/2006</td> </tr> <tr> <td>Kazunari TADA</td> <td>06/11/2006</td> </tr> </tbody> </table>		Name	Execution Date	Kazuyuki OGURA	06/06/2006	Yoshihiro KAMADA	06/05/2006	Kojiro TAKATORI	06/27/2006	Kazunari TADA	06/11/2006
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RECEIVING PARTY DATA											
Name:	KONICA MINOLTA OPTO, INC.										
Street Address:	2970 Ishikawa-machi										
Internal Address:	Hachioji-shi										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	192-8505										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12618472</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12618472						
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CORRESPONDENCE DATA											
Fax Number:	(312)321-4299										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	312-321-4200										
Email:	ecohen@usebrinks.com										
Correspondent Name:	Eric D. Cohen										
Address Line 1:	455 N. Cityfront Plaza Drive										
Address Line 2:	NBC Tower, Suite 3600										
Address Line 4:	Chicago, ILLINOIS 60611-5599										
ATTORNEY DOCKET NUMBER:	12062-191										
NAME OF SUBMITTER:	Eric D. Cohen										

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**PATENT
 REEL: 023956 FRAME: 0096**

Total Attachments: 2

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ASSIGNMENT

WHEREAS, Kazuyuki OGURA, Yoshihiro KAMADA, Kojiro TAKATORI and Kazunari TADA _____, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "GLASS OPTICAL ELEMENT AND MANUFACTURING METHOD THEREOF", 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: June 6, 2006

Kazuyuki Ogura

Kazuyuki OGURA

DATE: June 5, 2006

Yoshihiro Kamada

Yoshihiro KAMADA

DATE: June 27, 2006

Kojiro Takatori

Kojiro TAKATORI

DATE: June 11, 2006

Kazunari Tada

Kazunari TADA