

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akira Takada</td> <td>11/30/2007</td> </tr> <tr> <td>Shinya Ikoma</td> <td>11/30/2007</td> </tr> <tr> <td>Shigenori Nagano</td> <td>11/30/2007</td> </tr> </tbody> </table>		Name	Execution Date	Akira Takada	11/30/2007	Shinya Ikoma	11/30/2007	Shigenori Nagano	11/30/2007
Name	Execution Date								
Akira Takada	11/30/2007								
Shinya Ikoma	11/30/2007								
Shigenori Nagano	11/30/2007								
RECEIVING PARTY DATA									
Name:	Kabushiki Kaisha Topcom								
Street Address:	75-1, Hasunuma-cho,								
City:	Itabashi-ku, Tokyo								
State/Country:	JAPAN								
Postal Code:	174-8580								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11956695</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11956695				
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Application Number:	11956695								
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:	kjovanovich@usebrinks.com								
Correspondent Name:	Tadashi Horie/Kumiko Jovanovich								
Address Line 1:	Brinks Hofer Gilson & Lione								
Address Line 2:	P.O. Box 10395								
Address Line 4:	Chicago, ILLINOIS 60610								
ATTORNEY DOCKET NUMBER:	12748/4								
NAME OF SUBMITTER:	Tadashi Horie								

Total Attachments: 2
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PATENT
REEL: 020287 FRAME: 0493

CH \$40.00 11956695

ASSIGNMENT

WHEREAS, Akira TAKADA, Shinya IKOMA and Shigenori NAGANO, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled OPTICAL BRANCHING DEVICE, executed by Assignors on the same date as this Assignment;

WHEREAS, KABUSHIKI KAISHA TOPCON, a corporation organized and existing under the laws of Japan, having a place of business at 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-8580 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 consideration of the sum of One Dollar (\$1.00), and other 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 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, divisions, renewals and extensions 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: 30 / Nov. / 2007 Akira Takada
Akira TAKADA

WITNESSED:

DATE: 30 Nov. 2007 Satoru Niimura
Satoru NIIMURA

DATE: 30 Nov. 2007 Yayoi Otabe
Yayoi OTABE

DATE: 30 / Nov. / 2007 Shinya Ikoma
Shinya IKOMA

WITNESSED:

DATE: 30 Nov. 2007 Satoru Niimura
Satoru NIIMURA

DATE: 30 Nov. 2007 Yayoi Otabe
Yayoi OTABE

DATE: 30. Nov. 2007 Shigenori Nagano
Shigenori NAGANO

WITNESSED:

DATE: 30 Nov. 2007 Satoru Niimura
Satoru NIIMURA

DATE: 30 Nov. 2007 Yayoi Otabe
Yayoi OTABE