

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Ken SAKUMA</td><td>10/05/2009</td></tr> <tr><td>Kensuke OGAWA</td><td>10/05/2009</td></tr> <tr><td>Kazuhiro GOI</td><td>10/05/2009</td></tr> <tr><td>Yong Tsong TAN</td><td>10/05/2009</td></tr> <tr><td>Ning GUAN</td><td>10/05/2009</td></tr> <tr><td>Mingbin YU</td><td>10/05/2009</td></tr> <tr><td>Hwee Gee TEO</td><td>10/05/2009</td></tr> <tr><td>Guo-Qiang LO</td><td>10/05/2009</td></tr> </tbody> </table>		Name	Execution Date	Ken SAKUMA	10/05/2009	Kensuke OGAWA	10/05/2009	Kazuhiro GOI	10/05/2009	Yong Tsong TAN	10/05/2009	Ning GUAN	10/05/2009	Mingbin YU	10/05/2009	Hwee Gee TEO	10/05/2009	Guo-Qiang LO	10/05/2009
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CORRESPONDENCE DATA																			
Fax Number: (202)293-7860 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			

CH \$40.00 12547146

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PATENT
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ATTORNEY DOCKET NUMBER:	Q114790
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NAME OF SUBMITTER:	Howard L. Bernstein
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ASSIGNMENT

Whereas, I/we, (1) Ken SAKUMA; (2) Kensuke OGAWA ; (3) Kazuhiro GOI; (4) Yong Tsong TAN (5) Ning GUAN; (6) Mingbin YU; (7) Hwee Gee TEO; and (8) Guo-Qiang LO of (1)-(5) inventors; c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba-ken, Japan; and (6)-(8) inventors; c/o Institute of Microelectronics, 11, Science Park Road, Singapore Science Park II, Singapore 117685 Singapore, have invented certain improvements in

MANUFACTURING METHOD OF PLANAR OPTICAL WAVEGUIDE DEVICE WITH GRATING STRUCTURE

and executed an application for Letters Patent of the United States of America therefor on

200 ; and

Whereas, (1) Fujikura Ltd. of 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo, Japan; and

(2) Agency for Science, Technology and Research of 1 Fusionopolis Way, #20-10, Connexis North Tower, Singapore 138632 Singapore

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 12547146, filed August 25, 2009) the filing date and application number of said application when known.

Date: October 5, 2009

s/

Ken Sakuma

Ken SAKUMA

Date: October 5, 2009

s/

Kensuke Ogawa

Kensuke OGAWA

Date: October 5, 2009

s/ Kazuhiro Goi
Kazuhiro GOI

Date: October 5, 2009

s/ [Signature]
Yong Tsong TAN

Date: October 5, 2009

s/ Ning Guan
Ning GUAN

Date:

s/ _____
Mingbin YU

Date:

s/ _____
Hwee Gee TEO

Date:

s/ _____
Guo-Qiang LO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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Date:

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Ken SAKUMA

Date:

s/ _____

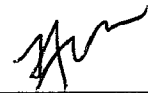
Kensuke OGAWA


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Date: s/ _____
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