

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>Shoji TANIGAWA</td><td>06/06/2007</td></tr><tr><td>Hironori TANAKA</td><td>06/06/2007</td></tr><tr><td>Manabu SAITO</td><td>06/06/2007</td></tr><tr><td>Tetsuya SAKAI</td><td>06/06/2007</td></tr><tr><td>Tomoharu KITABAYASHI</td><td>06/06/2007</td></tr></tbody></table>	Name	Execution Date	Shoji TANIGAWA	06/06/2007	Hironori TANAKA	06/06/2007	Manabu SAITO	06/06/2007	Tetsuya SAKAI	06/06/2007	Tomoharu KITABAYASHI	06/06/2007	
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<table border="1"><tr><td>Name:</td><td>Fujikura Ltd.</td></tr><tr><td>Street Address:</td><td>5-1, Kiba 1-chome,</td></tr><tr><td>City:</td><td>Kohtoh-ku, Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Name:	Fujikura Ltd.	Street Address:	5-1, Kiba 1-chome,	City:	Kohtoh-ku, Tokyo	State/Country:	JAPAN					
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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>11696620</td></tr></tbody></table>	Property Type	Number	Application Number:	11696620									
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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>													
Phone: 2022937060													
Email: athompson@sughrue.com													
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Address Line 2: Suite 800													
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ATTORNEY DOCKET NUMBER:	Q101044												
NAME OF SUBMITTER:	Howard L. Bernstein												

CH \$40.00 11696620

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PATENT
REEL: 019538 FRAME: 0504

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we, (1) Shoji TANIGAWA (2) Hironori TANAKA (3) Manabu SAITO (4) Tetsuya SAKAI and (5) Tomoharu KITABAYASHI

of c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba-ken, Japan

have invented certain improvements in OPTICAL PUMPING DEVICE, OPTICAL AMPLIFIER, FIBER LASER, AND MULTI-CORE FIBER FOR OPTICAL PUMPING DEVICE

and executed an application for Letters Patent of the United States of America therefor on June 6,

2007; and

Whereas, Fujikura Ltd. of 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo, Japan

(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 11/6910,620 filed 4-4-2007) the filing date and application number of said application when known.

Date: June 6, 2007

s/ Shoji Tanigawa
Shoji TANIGAWA

Date: June 6, 2007

s/ Hironori Tanaka
Hironori TANAKA

Date: June 6, 2007

s/ Manabu Saito
Manabu SAITO

Date: June 6, 2007

s/ Tetsuya Sakai
Tetsuya SAKAI

Date: June 6, 2007

s/ Tomoharu Kitabayashi
Tomoharu KITABAYASHI

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

PATENT

RECORDED: 07/10/2007

REEL: 019538 FRAME: 0506