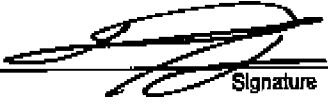


Form PTO-1595 (Rev. 08/05)
OMB No. 0851-0027 (exp. 6/30/2008)

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RECORDATION FORM COVER SHEET PATENTS ONLY

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1. Name of conveying party(ies): Blue Road Research, Inc. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Nagano Kelki Co., Ltd.</u> Internal Address: _____ Street Address: _____ 1-30-4 Higashimagome, Ohta-ku, Tokyo, JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>May 22, 2008 and June 11, 2008</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) _____ B. Patent No.(s) 6,756,580 7,038,190 6,800,149 6,795,599 6,883,297 6,890,890 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>David T. Yang</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: Atty. Dkt.: <u>57891/0000002</u> Street Address: <u>555 West Fifth Street</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90013-1024</u> Phone Number: <u>(213) 892-5752</u> Fax Number: <u>(213) 892-5454</u> Email Address: <u>DYang@mfo.com</u>	6. Total number of applications and patents involved: 6 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>240.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>03-1952</u> Authorized User Name <u>David T. Yang</u>	
9. Signature: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  Signature <u>David T. Yang, Reg. No. 44,415</u> Name of Person Signing </div> <div style="text-align: center;"> <u>7/29/08</u> Date <div style="border: 1px solid black; padding: 2px 10px; display: inline-block;">5</div> </div> </div>	

I hereby certify that this paper is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: 07/29, 2008

Signature: Beverly S. Carter

(Beverly S. Carter)

ASSIGNMENT (CORPORATION TO CORPORATION)

WHEREAS, Blue Road Research, Inc., a corporation organized and existing under the laws of the State of Oregon, US, having a principal place of business at 376 NE 219th Avenue, Gresham, Oregon 97030 US(hereinafter "assignor"), is the sole or one of the lawful owners, by assignment, of the United States patent inventions described in the attached Schedule A;

and

WHEREAS, Nagano Keiki Co., Ltd., a corporation organized and existing under the laws of Japan, having a principal place of business at 1-30-4 Higashimagome, Ohta-ku, Tokyo, Japan (hereinafter "assignee"), is desirous of acquiring the right, title and interest in, to and under said United States and foreign applications and the inventions listed in the attached Schedule A;

NOW, THEREFORE, for valuable consideration received, the receipt of which is hereby acknowledged, assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer the entire right, title and interest in and to the above-mentioned inventions, applications for Letters Patent, and any and all applications for Letters Patent in the United States of America and in all Patents in the United States of America which may be granted therefor and thereon, and in and to any and all or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignees, for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents, may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole or one of the lawful owners of the entire right, title and interest in and to the said inventions and the applications for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent or Patents of the United States on said inventions or resulting from said applications and any reissues thereof to assignee as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

The Undersigned hereby grant(s) the practitioners at Customer Number: 25224,
all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document.

BLUE ROAD RESEARCH, INC.

May 22, 2008
Date


Name Nicholas Ortyl
Title Chairman

WITNESSES

We, accept the terms of this Assignment

NAGANO KEIKI CO. LTD.

Jun. 11, 2008
Date

N. Maruno
Name: NADHIKO MARUNO
Title: Director & Operating Officer
R & D Center

WITNESSES

SCHEDULE A

COUNTRY	INVENTOR(S)	TITLE OF APPLICATION	SERIAL NUMBER	FILING DATE	PATENT NO.	GRANT DATE
US	Whitten L. Schulz and Eric Udd	FIBER GRATING ENVIRONMENTAL SENSING SYSTEM	09/746,037	December 22, 2000	6,600,149	July 29, 2003
US	Whitten Lee Schulz and Eric Udd	FIBER GRATING MOISTURE AND CHEMICAL SENSING SYSTEM	10/457,845	June 10, 2003	6,683,297	January 27, 2004
US	Whitten Lee Schulz and Eric Udd	FIBER GRATING BOND JOINT HEALTH MONITORING SYSTEM	10/458,109	June 10, 2003	6,756,580	June 29, 2004
US	Eric Udd; Sean G. Calvert; Whitten L. Schulz; W. Marley Kunzler; and M. Wesley Kunzler	FIBER GRATING ENVIRONMENTAL SENSING SYSTEM	10/325,874	December 20, 2002	7,038,190	May 2, 2006
US	Eric Udd; Michael M. Morrell; and Peter F. Scawordt III	SINGLE FIBER SAGNAC INTERFEROMETER BASED SECURE COMMUNICATION SYSTEM	09/520,772	March 8, 2000	6,690,890	February 10, 2004
US	Vasilij V. Spirin; Mikhail G. Shlyagin; and Eric Udd	DIFFERENTIAL FIBER OPTICAL SENSOR WITH INTERFERENCE ENERGY ANALYZER	10/128,847	April 24, 2002	6,795,599	September 21, 2004

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