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1. Name of conveying party: Junichi Kushibiki, Mototaka Arakawa, Yuji Ohashi and Yukihiko Shinozaki Additional names attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Tohoku University 2-1-1, Katahira, Aoba-ku Sendai-shi Miyagi, Japan Chuo Precision Industrial Co., Ltd. 1-9, Kanda Awajicho Chiyoda-ku Tokyo, Japan Additional name(s) & address(es) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 9-26-05		
4. Application Number or Patent Number If this document is being filed together with a new application, the execution date of the application is: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Application Number 11/195,945 </div> <div style="text-align: center;"> Patent Number </div> </div> <div style="text-align: center; margin-top: 10px;"> <input type="checkbox"/> If checked, additional numbers are attached </div>		
5. Name and address of party to whom correspondence concerning document should be mailed: David N. Lathrop, Esquire GALLAGHER & LATHROP A Professional Corporation 601 California Street, Suite 1111 San Francisco, CA 94108-2805	6. Total Number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge to deposit account (copy attached) 8. Deposit account number: 07-0137	
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9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy or the original document.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <u>David N. Lathrop</u> Name </div> <div style="text-align: center;">  Signature </div> <div style="text-align: center;"> <u>October 13, 2005</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total # pages including cover sheet: 3 </div>		
Mail documents to be recorded with required cover sheet information to: <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 </div> <div style="text-align: right;"> FAX: 703-306-5995 </div> </div>		

ASSIGNMENT

I am an inventor of a new invention entitled

"EVALUATION METHOD FOR COEFFICIENT OF THERMAL EXPANSION
OF ULTRA-LOW-EXPANSION GLASS MATERIAL"

by Junichi KUSHIBIKI, Mototaka ARAKAWA, Yuji OHASHI and Yukihiro SHINOZAKI,
such invention being described in and identified by

- ☐ the patent application filed herewith and executed on _____.
- ☒ United States application Serial Number 11/195,945 filed on
August 2, 2005.
- ☐ international application number _____ filed under the Patent Cooperation
treaty on _____.

TOHOKU UNIVERSITY, whose address is 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi,
Japan, and CHUO PRECISION INDUSTRIAL CO., LTD., whose address is 1-9, Kanda
Awajicho, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as ASSIGNEE, is desirous of
acquiring my entire right, title and interest in and to said application and said invention, in and to
any and all improvements relating to said invention, and in and to each and every Patent thereon,
when granted in the United States.

For good and valuable consideration, the receipt of which is acknowledged:

1. I sell, assign, transfer and convey unto ASSIGNEE, my entire right, title and
interest:
 - (a) in and to said invention and application, any and all improvements relating to said
invention and application, and each and every additional application filed in the
United States of America, which additional application is a division, substitution,
continuation or continuation-in-part of, is based on or claims priority of said
application, or which additional application relates to said invention and
improvements;
 - (b) all priority rights associated with the filing of each and every such application, and
 - (c) in and to each and every Patent on said invention and improvements that may be
granted, including each and every Patent that may be granted on any of the
applications referred to in sub-section (a), and in and to each and every reissue, re-
examination or extension of each and every such Patent.
2. I warrant, covenant and represent the fact that I have not heretofore granted any
license, right or privilege in the United States of America with respect to said invention
or said application to any other, or in any other way encumbered the same, and that I
have the full right to sell, assign, transfer and convey, free of all licenses and
encumbrances, the entire interest hereby assigned.

3. I covenant that, at the request and expense of ASSIGNEE, I will promptly execute all papers necessary or desirable to perfect ownership of said invention, applications and said each and every Patent to ASSIGNEE, and execute all oaths, declarations and other papers necessary or desirable for prosecuting said applications, for use in interference proceedings involving said invention, applications and each and every Patent, for use in opposition proceedings involving said invention, applications and each and every Patent, for refiling said applications, for filing of divisional, substitution, continuation or continuation-in-part applications deemed necessary or desirable by ASSIGNEE, for reissuance or re-examination of said each and every Patent. I further covenant and agree that, at the expense and request of ASSIGNEE, I will promptly assist ASSIGNEE in interference and opposition proceedings involving said invention, applications and each and every Patent, and in litigation involving said invention, applications and each and every Patent, and will assist in the ascertainment of facts and the production of evidence relating to said invention, applications and each and every Patent.

4. The terms, covenants and provisions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon me, my heirs, legal representatives and assigns.

Junichi KUSHIBIKI, a resident of Sendai-shi, Miyagi, Japan

Junichi Kushibiki
Signature

Sept. 26, 2005
Date

Mototaka ARAKAWA, a resident of Sendai-shi, Miyagi, Japan

Mototaka Arakawa
Signature

Sept. 26, 2005
Date

Yuji OHASHI, a resident of Sendai-shi, Miyagi, Japan

Yuji Ohashi
Signature

Sept. 26, 2005
Date

Yukihiro SHINOZAKI, a resident of Chiyoda-ku, Tokyo, Japan

Yukihiro Shinozaki
Signature

Sept. 26, 2005
Date