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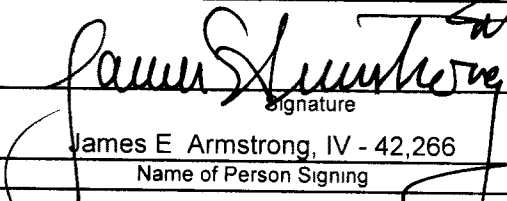
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To the Director of the U S Patent and Trademark Office Please record the attached documents or the new address(es) below

1. Name of conveying party(ies): Kazuaki Higuchi (12/07/2010) and Hideki Otsuki (12/07/2010) 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>FUSO CHEMICAL CO , LTD</u> Internal Address _____ Street Address _____ 3-10, Koraihashi 4-chome, Chuo-ku Osaka-shi, 5410043, 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) in parentheses after inventor name _____ <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): A Patent Application No (s) This application Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> This document is being filed together with a new application B Patent No (s)	
5. Name and address to whom correspondence concerning document should be mailed: Name <u>James E Armstrong, IV</u> <u>EDWARDS ANGELL PALMER & DODGE LLP</u> Internal Address Atty Dkt 88243(302610) Street Address P O Box 55874 City <u>Boston</u> State <u>MA</u> Zip <u>02205</u> Phone Number <u>(202) 478-7375</u> Fax Number <u>(866) 658-1050</u> Email Address <u>jarmstrong@eapdlaw.com</u>		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40 00</u> <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 Deposit Account Number <u>04-1105</u> Authorized User Name <u>James E Armstrong, IV</u>	
9. Signature:  _____ James E Armstrong, IV - 42,266 Name of Person Signing		March 17, 2011 Total number of pages including cover sheet, attachments, and documents 3	

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01/11/2011
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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 7th day of December, 2010, by
1) Kazuaki HIGUCHI, and 2) Hideki OTSUKI (hereinafter referred to as Assignor),
residing at 1)-2) c/o Kyoto Research Center of Kyoto First Factory, Kyoto Plant of FUSO
CHEMICAL CO., LTD., 5, Osadano-cho 1-chome, Fukuchiyama-shi, Kyoto 6200853,
Japan;

WHEREAS, Assignor has invented certain new and useful improvements in
COLLOIDAL SILICA CONTAINING SILICA SECONDARY PARTICLES HAVING BENT
STRUCTURE AND/OR BRANCHED STRUCTURE, AND METHOD FOR PRODUCING
SAME

set forth in a Patent application for Letters Patent of the United States, filed herewith or
if not filed herewith, being earlier filed on _____ and having Serial No. _____ ; and

WHEREAS, FUSO CHEMICAL CO., LTD., a large entity organized under and pursuant
to the laws of Japan having its principal place of business at 3-10, Koraibashi 4-chome,
Chuo-ku, Osaka-shi, Osaka 5410043, Japan (hereinafter referred to as Assignee), is
desirous of acquiring the entire right, title and interest in and to said inventions and said
Application for Letters Patent of the United States, and in and to any Letters Patent of
the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold,
assigned, transferred and set over, and by these presents does sell, assign, transfer
and set over, unto Assignee, its successors, legal representatives and assigns, the
entire right, title and interest in and to the above-mentioned inventions and application
for Letters Patent, and in and to any and all direct and indirect divisions, continuations
and continuations-in-part of said application, and any and all Letters Patent in the
United States and all foreign countries which may be granted therefore and thereon,
and reissues, reexaminations and extensions of said Letters Patent, and all rights under
the International Convention for the Protection of Industrial Property, the same to be
held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its
successors, legal representatives and assigns, to the full end of the term or terms for
which Letters Patent may be granted and/or extended, as fully and entirely as the same
would have been held and enjoyed by Assignor, had this sale and assignment not been
made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee,
its successors, legal representatives and assigns, that, at the time of execution and
delivery of these presents, except for any rights, titles and/or interests that have arisen
to Assignee under law or that have already been transferred to Assignee, Assignor is
the sole and lawful owner of the entire right, title and interest in and to the said
inventions and application for Letters Patent above-mentioned, and that the same are
unencumbered and that Assignor has good and full right and lawful authority to sell and
convey the same in the manner herein set forth.

PATENT

REEL: 026001 FRAME: 0987

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

7/December/2010
Date

K. Higuchi
Name: Kazuaki HIGUCHI

7/ ~~Dec~~ December / 2010
Date

H. Otsuki
Name: Hideki OTSUKI