

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eiji Takahashi	12/11/2008
Shoji Yamaguchi	12/11/2008
RECEIVING PARTY DATA	
Name:	NIPPON SODA CO., LTD.
Street Address:	2-1, Ohtemachi 2-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	100-8165
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12300512
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NAME OF SUBMITTER:	Junko Harada
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif	

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ASSIGNMENT

I, Eiji Takahashi, a citizen of Japan, residing at c/o R&D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd.; 12-54, Goiminamikaigan; Ichihara-shi, Chiba; 290-0045, JAPAN; and

I, Shoji Yamaguchi, a citizen of Japan, residing at c/o R&D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd.; 12-54, Goiminamikaigan; Ichihara-shi, Chiba; 290-0045; JAPAN;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

NIPPON SODA CO., LTD.

a Corporation organized under the laws of Japan, located at 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 100-8165, JAPAN (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **in and for the United States of America only** in and to my Invention entitled:

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invented by me and described in Patent Application No. 12/300,512, filed on November 12, 2008 in the United States of America, which is U.S. National Phase of International Application No. PCT/JP2007/060076 filed May 16, 2007; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

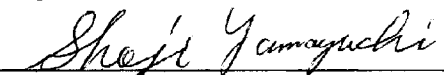
I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: December 11, 2008

Dated: December 11, 2008



Eiji Takahashi, Inventor



Shoji Yamaguchi, Inventor