

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toyobo Co., Ltd.	06/19/2009
RECEIVING PARTY DATA	
Name:	Hitachi, Ltd.
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku
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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6962809
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NAME OF SUBMITTER:	robin lamalchaux
Total Attachments: 2 source=assign#page1.tif source=assign#page2.tif	

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ASSIGNMENT

THIS ASSIGNMENT, by **TOYOBO CO., LTD.** (hereinafter referred to as **ASSIGNOR**), a corporation organized under the laws of Japan, located at 2-8, Doujimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230, Japan;

WHEREAS, **ASSIGNOR** and **HITACHI, LTD.** (hereinafter referred to as **ASSIGNEE**), a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-8280 Japan, are the owners, by assignment, in and for the United States of America, of the entire right, title and interest in and to certain new and useful improvements in **SUGAR CHAIN SYNTHESIZER**, set forth in **U.S. Patent Application 10/482,626** and **U.S. Patent 6,962,809**;

WHEREAS, **ASSIGNEE** is desirous of acquiring the entire right, title and interest in and to said inventions, said U.S. patent application, and said U.S. patent.

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, in and for the United States of America, the entire right, title and interest in and to the above-mentioned inventions, said U.S. patent application, and said U.S. patent, and any damages for any past infringements of said U.S. patent, and any and all direct and indirect divisions, continuations and continuations-in-part of said application and/or patent, and any and all Letters Patent in the United States of America which may be granted therefor and thereon, and reissues, reexaminations and extensions of said applications and/or patents, 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, said U.S. patent application, and said U.S. patent, 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.

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, 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 Director of the United States Patent and Trademark Office 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: DICKSTEIN SHAPIRO LLP (all practitioners associated with Customer No. 24998).

AND ASSIGNOR has hereby caused this Assignment to be executed by its duly authorized representative.

TOYOBO CO., LTD.

Date: June 19, 2009

Ryuzo Sakamoto
By: Ryuzo SAKAMOTO
Title: President

June 19, 2009
Date

Hideo Takeuchi
Witness Hideo TAKEUCHI
Intellectual Property Department
Deputy Director
General Manager

June 23, 2009
Date

Toshio Tanaka
Witness Toshio TANAKA
Manager, Group II
Intellectual Property Department