PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tsuyoshi BABA	04/01/2011

RECEIVING PARTY DATA

Name:	HONDA MOTOR CO., LTD.	
Street Address:	1-1, Minami-Aoyama 2-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	107-8556	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13139251

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Charles M. Marmelstein

Total Attachments: 1

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OP \$40 00

PATENT REEL: 026437 FRAME: 0238

Docket No:

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

HONDA MOTOR CO., LTD. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

LIGNOCELLULOSIC BIOMASS SACCHARIFICATION PRE-TREATMENT DEVICE

for which application for Letters Patent of the United States was filed on June 10, 2011, and assigned Serial No. 13/139,251 (Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Tsuyoshi BABA Suyoshi Baba April 1, 2011 (SIGNATURE) (DATE)

NO LEGALIZATION REQUIRED

RECORDED: 06/14/2011

PATENT REEL: 026437 FRAME: 0239