

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Umesh N. Gandhi	05/26/2009
RECEIVING PARTY DATA	
Name:	Toyota Motor Engineering & Manufacturing North America,. Inc.
Street Address:	4410 Goss Road
City:	Ann Arbor
State/Country:	MICHIGAN
Postal Code:	48105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12474998
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ATTORNEY DOCKET NUMBER:	TY001.0019
NAME OF SUBMITTER:	Andrea E. Tran
Total Attachments: 2 source=2008-085_Signed_Assignment#page1.tif source=2008-085_Signed_Assignment#page2.tif	

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REEL: 022755 FRAME: 0591

TY001.0019 (or TEMA 2008-085)
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PATENT APPLICATION
ASSIGNMENT

ASSIGNMENT

WHEREAS, We/I of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

WHEREAS, **Toyota Motor Engineering & Manufacturing North America, Inc.** (herein after "ASSIGNEE"), with an address of 4410 Goss Road, Ann Arbor, MI 48105 desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We/I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, any and all provisionals, divisions, continuations, continuations-in-part, substitutions, renewals, reexaminations and all other applications for patent having subject matter related hereto, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefore; and We/I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We/I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and We/I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We/I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, We/I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Initials

W. J. UNG

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PATENT APPLICATION
ASSIGNMENT

TITLE: SYSEMS AND METHODS FOR PRODUCING MECHANICAL ENERGY

SOLE INVENTOR: Umesh N. Gandhi

Full name of the Inventor: Umesh N. Gandhi

Inventor's Signature:

Umesh N. Gandhi

Date:

5/26/09

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