PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Samuel S. Ahn	02/26/2010

RECEIVING PARTY DATA

Name:	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	
Street Address:	25 Atlantic Avenue	
City:	Erlanger	
State/Country:	KENTUCKY	
Postal Code:	41018	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12716164

CORRESPONDENCE DATA

Fax Number: (714)427-7799

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: lholstein@swlaw.com

Correspondent Name: Ketan S. Vakil

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Address Line 2: SUITE 1400

Address Line 4: COSTA MESA, CALIFORNIA 92626

ATTORNEY DOCKET NUMBER: 90181-4600

NAME OF SUBMITTER: Ketan S. Vakil

Total Attachments: 2

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PATENT REEL: 024017 FRAME: 0420 CH \$40.00 12/161

Docket No. 90181-4600

ASSIGNMENT

WHEREAS, ASSIGNOR, Samuel S. Ahn, has invented, conceived, reduced to practice,

inventions for a METHOD AND SYSTEM FOR ADAPTIVE ELECTRONIC

DRIVEFORCE UNIT CONTROL (hereinafter the "Invention"), for which United States Patent

Application No. 12/716,164 was filed March 2, 2010 [Authorization is given hereby to insert the

application serial number and filing date when it becomes available] (hereinafter the

"Applications"); and

WHEREAS, ASSIGNEE, Toyota Motor Engineering & Manufacturing North America,

Inc., a Corporation organized under and pursuant to the laws of Kentucky having its principal

place of business at 25 Atlantic Avenue, Erlanger, Kentucky 41018, is desirous of acquiring the

entire right, title and interest in, to and under the Invention and the Applications and patents to be

obtained thereon;

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR the

sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and

valuable consideration, ASSIGNOR does hereby sell, assign and transfer and set over to

ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest,

throughout the world, in the Invention and the Applications, and any other intellectual property

rights in the Invention including, but not limited to, any patent rights, and any patent

application(s), claiming priority thereto, that have been or may hereafter be filed;

ASSIGNOR does hereby covenant that no assignment, sale, agreement, charge, or other

encumbrance, has been, or will be, entered into which would conflict with this assignment;

ASSIGNOR does hereby covenant and agree to provide any tangible property embodying

or describing the Invention, including, without limitation, all documents, drawings, prototypes,

models, test results, designs, materials, computer programs and data, and the like, which, if not

presently in the possession of ASSIGNEE will be delivered to ASSIGNEE immediately upon

request;

ASSIGNOR does hereby covenant and agree to do everything possible to aid

ASSIGNEE, its successors, legal representatives and assigns to obtain and enforce proper patent

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REEL: 024017 FRAME: 0421

Docket No. 90181-4600

protection for the Invention in all countries including assisting with the preparation of any

application relating to the Invention;

ASSIGNOR does hereby covenant and agree not to contest the validity or enforceability

of any intellectual property rights assigned herein, or to assist or request any third party to

contest the validity or enforceability of any intellectual property rights assigned herein;

ASSIGNOR does hereby release and forever discharge ASSIGNEE from any and all

claims, including but not limited to any debts, liabilities, damages and causes of action of

whatsoever kind or nature relating to the Invention, whether or not known, suspected and

unsuspected, including any and all previous agreements entered into, which now exist, or may

have existed prior to the date of this assignment.

IN WITNESS WHEREOF, I have executed this instrument at TTC-Los Angeles, on

the date indicated adjacent to my name.

Dated: Feb. 26, 2010

Samuel S. Ahn

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RECORDED: 03/02/2010

PATENT REEL: 024017 FRAME: 0422