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SHEET

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LY

To the Honorable Commissioner

... and the attached original documents or copy thereof.

1. Name of conveying part(ies):

Tai Joey Ly

Additional name(s) of conveying parties attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date: July 24, 2007

2. Name and address of receiving part(ies):

Toyota Motor Engineering & Manufacturing
North America, Inc.

Internal Address: _____

Street Address: 25 Atlantic Avenue

City: Erlanger State: KY Zip: 41018

Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: June 11, 2007

A. Patent Application No.(s)
(Being applied for)

B. Patent No.(s)

11/891432

Additional numbers attached? ☐ Yes ☒ No

5. Names and address of party to whom correspondence concerning document should be mailed:

Name: Joshua A. Lorentz

Internal Address: Dinsmore & Shohl LLP

Street Address: 1900 Chemed Center
255 East Fifth Street

City: Cincinnati State: Ohio Zip: 45202

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6. Total number of applications and patents involved: [1]

7. Total Fee (27 CFR 3.41) ... \$ 40.00

- ☐ Enclosed
☒ Please charge the amount of \$40.00 to our Visa credit card account. Form PTO-2038 is attached
☒ Please charge any deficiencies or credit any overpayment to deposit account
☐ Authorization to be charged to deposit account

8. Deposit Account Number:

04-1133

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joshua A. Lorentz

Name of Person Signing, Registration Number

Signature

08/10/07

Date

Total Number of pages including cover sheet

[2]

CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label #: EV 832371472 US

Date of Deposit: August 10, 2007

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents; P.O. Box 1450; Alexandria, VA 22313-1450.

ASSIGNMENT

WHEREAS, I, Tai Joey Ly of 1128 S. Vega Street, Alhambra, California 91801 invented certain new and useful **SYSTEMS AND METHODS FOR CONTROLLING TRANSMISSION SHIFTING DURING VEHICLE BRAKING ALONG A DECLINE** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on _____, under

☐ Patent Application Serial No. _____

☒ Attorney Docket No. 22562-65;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **Toyota Motor Engineering and Manufacturing North America, Inc.'s** behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **Toyota Motor Engineering and Manufacturing North America, Inc.**, a corporation of the State of Kentucky, with a place of business at 25 Atlantic Avenue, Erlanger, KY 41018, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date:

7/24/07



Tai Joey Ly