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Docket No. 202-0826

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New 1-16-03

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Conveyance Type

Assignment Security Agreement

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number

313-322-1879

Name Diana D. Brehob - 51,496

Address (line 1) Ford Global Technologies, Inc.

Address (line 2) Suite 600 - Parklane Towers East

Address (line 3) One Parklane Boulevard

Address (line 4) Dearborn, MI 48126

Pages Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

10/287,982

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

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1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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Maria Leos

Name of Person Signing

Maria Leos

Signature

1-9-03

Date



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 202-0826 entitled: **SYSTEM AND METHOD FOR ESTIMATING AND CONTROLLING CYLINDER AIR CHARGE IN A DIRECT INJECTION INTERNAL COMBUSTION ENGINE**

for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Ilya Kolmanovsky
Jing Sun; and

WHEREAS, FORD MOTOR COMPANY, a corporation organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is desirous of acquiring an interest therein;

NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR COMPANY, or by my contractual obligation, I do sell, assign and transfer unto FORD MOTOR COMPANY the full and exclusive right for the United States of America and for all foreign countries to the said invention, as described in the specification executed by me on the date listed below, preparatory to obtaining Letters Patent of the United States therefor (and I hereby authorize my attorneys to insert the serial number and filing date herein:

Serial No. 10/287,982, Filing Date 11-05-02), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD MOTOR COMPANY as the assignee. Executed by:

NAME	SIGNATURE	DATE
Jing Sun 1729 Golf Ridge Dr. South Bloomfield, MI 48302 US		4 Nov 2002
Ilya V. Kolmanovsky 4439 Hunt Club Drive, Apt. 2C Ypsilanti, MI 48197 US		

Brehob

Attorney Docket No: 202-0826 Please call 313-322-7725 if this paper becomes separated from the file