| FURM PTO-1619A Expires 06/30/99 OMB 0651-0027 | | U.S. Department of Commerce Patent and Trademerk Office PATENT |
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| Docket No. 202-0686 | 102472386 DATION FORM GUVER 3112- | |
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| Conveying Party(ies) | Mark if additional names of com | |
| Name (line 1) Ford Motor Company | | 6/3/03 Year |
| Name (fine 2) A Delaware Corporation | | Execution Date |
| Name (line 1) | | Month Day Year |
| Name (line 2) | | 10452946 |
| Receiving Party | Mark if additions | names of receiving parties attached |
| Name (line 1) Ford Global Technolog: | | If document to be record is an assignment and the receiving party is not |
| Name (line z) A Michigan Corporation | 1 | domiciled in the United States, an appointment |
| Address (line 1) Suite 600 - Parklane ! | lowers East | of a domestic representative is attach (Designation must be a separate document from |
| Address (line 2) One Parklane Boulevard | | Assignment.) |
| Address (line 3) Dearborn, | MI - USA State/Country | 48126 Zo Code |
| Domestic Representative Name and | | eiving Party only. |
| Name | | |
| Address (line 1) | | |
| Address (line 2) | | |
| Address (line 3) | | |
| Address (line 4) | | |
| 2003 ECDOPER 00000202 061510 10452946 | FOR OFFICE USE ONLY | |
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PATENT

REEL: 014152 FRAME: 0889

| FORM PTO-1619B Express 08/30/99 OMB 0861-0027 | Page 2 | U.S. Department of Commerce Patent and Trademerk Office PATENT | | |
|--|--|--|--|--|
| Correspondent Name and Address | Area Code and Telephone Number | (313) 323-6733 | | |
| Name Carlos L. Hanze - 43,657 | | | | |
| Address (ine 1) Ford Global Technologies, Inc. LLC | | | | |
| Address (ine 2) Suite 600 - Parklane Towers East | | | | |
| Address (time 1) One Parklane Boulevard | | | | |
| Address (line 4) Dearborn, MI 48126 | | | | |
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| If this document is being filed together with a <u>new Patent Application</u> , enter the date the patent application was signed by the first named executing inventor. Month Day Year 6/3/03 | | | | |
| Patent Cooperation Treaty (PCT) | PCT PCT | РСТ | | |
| Enter PCT application number only if a U.S. Application Numb | | | | |
| has not been assigned. | er PCT PCT PCT | PCT | | |
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| Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 | | | | |
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| | Authorization to charge additional fees: | Yes X No | | |
| 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. Charges to deposit account are authorized, as indicated herein. | | | | |
| Saundra M. Lewis | Saundra M. Sewia | June 3, 2003 | | |
| Name of Person Signing | Signature | Date | | |

PATENT REEL: 014152 FRAME: 0890

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, Ford Motor Company (Ford), a corporation organized and existing by virtue of the laws of the State of Delaware and having a principal place of business at Dearborn, County of Wayne, and State of Michigan, is the owner of the invention claimed in the patent application number referenced below, filed concurrently herewith in the United States Patent and Trademark Office (USPTO).

WHEREAS, Ford Global Technologies, LLC., a company organized and existing by virtue of the laws of the State of Delaware and having a principal place of business at Dearborn, County of Wayne, and State of Michigan, is desirous of acquiring an interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Ford Global Technologies, LLC., the full and exclusive right for the United States of America and for all foreign countries to said invention, together with all patent applications, divisionals, continuations-in-part, continuations, renewals, or secondary filings thereof.

RECORDED: 06/04/2003

Ford Motor Company

By:

Thomas J. DeZure

Title: Assistant Secretary

Docket No: 202-0686

Date: 6/3/03

PATENT REEL: 014152 FRAME: 0891