FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 08-24-1999



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U.S. Department of Commerce Patent and Trademark Office PATENT

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| TO: The Commissioner of Patents and Tra | ademarks: Please record the attached original document(s) or copy(ies). | | |
| Submission Type | Conveyance Type | | |
| X New | X Assignment Security Agreement | | |
| Resubmission (Non-Recordation) | | | |
| Document ID# | License Change of Name | | |
| Correction of PTO Error | 09/297,620 | | |
| Reel # Frame # | Merger Other | | |
| Corrective Document | U.S. Government | | |
| Reel # Frame # | (For Use ONLY by U.S. Government Agencies) | | |
| | Departmental File Secret File | | |
| Conveying Party (ies) | Mark if additional names of conveying parties attached Execution Date Month Day Year | | |
| Name (line 1) Gerald | July 19, 1999 | | |
| Name (line 2) Helmstädter | Execution Date | | |
| Second Party | Month Day Year | | |
| Name (line 1) Kai | July 19, 1999 | | |
| Name (line 2) Schmischke | | | |
| Receiving Party Mark if additional names of receiving parties are | | | |
| Name (line 1) Mannesmann VDO AG | If document to be recorded is an | | |
| Name (line 2) | assignment and the receiving party is not domiciled in the United | | |
| Address (line 1) Kruppstraße 105 | States, an appointmen of a domestic | | |
| Address (line 2) D-60388 | representative is attached. (Designation | | |
| | must be a separate | | |
| Address (line 3) Frankfurt am Main | Germany Assignment.) | | |
| City | State/Country Zip Code | | |
| Domestic Representative Name and A | Address Enter for the first receiving Party only. | | |
| Name Richard A. Speer | | | |
| Address (line 1) Mayer Brown & Platt | | | |
| Address (line 2) 190 South LaSalle Street | | | |
| Address (line 3) Chicago, IL 60603-3441 | | | |
| Address (line 4) | | | |
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027) Washington, D.C. 20503. See OMB Information

Collection Budget Package 0651-0027, Patent and trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

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| FORM PTO-1619B Expires 06/30/99 OMB 0651-0027 | Page 2 | U.S. Department of Commerce Patent and Trademark Office PATENT |
|---|--|--|
| Correspondent Name and Address | Area Code and Telephone Number | (312) 701-8605 |
| Name Richard A. Speer | | |
| Address (line 1) MAYER BROWN & PLATT | | |
| Address (line 2) 190 South LaSalle Street | | |
| Address (line 3) Chicago, Illinois 60603-344 | 1 | |
| Address (line 4) | | |
| Pages Enter the total number of paincluding any attachments. | ages of the attached conveyance documen | nt # 3 |
| Application Number(s) or Patent Number Enter either the Patent Application Number property). Patent Application Number(s) 09/297,622 If this document is being filed together with a papplication was signed by the first named exect. | mark i r of the Patent Number (DO NOT ENTER BO | Patent Number(s) Month Day Year |
| Patent Cooperation Treaty (PCT) | | |
| Enter PCT application number only if a U.S. Application Number has not been assigned. | PCT PCT PCT | PCT |
| Number of Properties Enter the total | number of properties involved. # | 1 |
| Fee Amount Fee Amount for | or Properties Listed (37 CFR 3.41): \$ | 40.00 |
| Method of Payment: E | nclosed X Deposit Account X |] |
| (Enter for payment by deposit account account.) | or if additional fees can be charged to the | |

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

Statement and Signature

herein.

Richard A. Speer, Reg. No. 17,930 Name of Person Signing Signature

Deposit Account Number:

Authorization to charge additional fees:

August 2, 1999 Date

13-0019

Yes X

ASSIGNMENT

WHEREAS, we, the undersigned inventors having our residences as set forth below, have invented a new invention for

METHOD AND DEVICE FOR NAVIGATIONAL ASSISTANCE TO A VEHICLE DRIVER

as described and set forth in U.S. Application Serial No. 09/297,622 preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, Mannesmann VDO AG, (hereinafter referred to as "Assignee"), a company organized under the laws of Germany, with its principal place of business at Kruppstraße 105, D-60388, Frankfurt am Main Germany, desires to acquire the entire right, title and interest in and to said invention, improvements, application and any Letters Patents which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof in all countries throughout the world;

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors and assigns, the entire right, title and interest in and to said invention, improvements, and into said application and any Letters Patents which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues and extensions thereof, and we authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications, or patents resulting therefrom, insofar as our interest is concerned, unto Assignee in accordance with this Assignment.

We 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 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 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 will communicate to Assignee, its successors and assigns or their representatives, any facts known to us respecting said invention and improvements; and, at the expense of Assignee, we will testify in any legal proceedings relating

thereto, sign all lawful papers, execute all divisional, continuing, reissue and substitute applications, make all rightful oaths and declarations, and, in addition, execute any and all documents required to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

We covenant that we have the full right to convey the interest assigned by this Assignment, and that we, individually or together, have not executed and will not execute any agreement in conflict with this Assignment.

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

| Inventor's Signature | _ Gercele Mustactte |
|------------------------------|------------------------|
| Full Name of First Inventor: | Gerald Helmstädter |
| Date: | 19 7 97 |
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| | |

WITNESS

WITNESS

| Second Inventor's Signature: | Han: Solenskie |
|-------------------------------|-----------------------------|
| Full Name of Second Inventor: | Kai Schmischke |
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| WITNESS: Woulderfly | |
| WITNESS: Toucho La | |