

01-02-2001



101568824

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

☒ New  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(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  
10 31 00

Name (line 1)   
Name (line 2)   
**Second Party**  
Name (line 1)   
Name (line 2)

Execution Date  
Month Day Year

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1)   
Name (line 2)   
Address (line 1)   
Address (line 2)   
Address (line 3)     
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name   
Address (line 1)   
Address (line 2)   
Address (line 3)   
Address (line 4)

**FOR OFFICE USE ONLY**

12/29/2000 DNGUYEN 00000485 061510 5239951  
01 FC:581 1080.00 CH

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

**PATENT**  
**REEL: 011369 FRAME: 0412**

**Correspondent Name and Address**

Area Code and Telephone Number **313 323-1904**

Name **Jerome R. Drouillard / Reg. # 28008**

Address (line 1) **Ford Global Technologies, Inc.**

Address (line 2) **One Parklane Blvd.**

Address (line 3) **Parklane Towers Suite 600 East**

Address (line 4) **Dearborn, Michigan 48126-2490**

**Pages**

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

#

**Application Number(s) or Patent Number(s)**

☒ Mark if additional numbers attached

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)**


5239951	5239955	5245153
5295461	5302450	5313919
5315970	5332422	5358753

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.

PCT		PCT		PCT	
PCT		PCT		PCT	

**Number of Properties**

Enter the total number of properties involved.

#

**27**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **1080.00**

Method of Payment:  
**Deposit Account**

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **06 - 1510**

Authorization to charge additional fees:

Yes ☐

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.

**O. Frank Shelton**  
Name of Person Signing

**O. Frank Shelton**  
Signature

**12/01/00**  
Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

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

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

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

**Patent Application Number(s)**

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>

**Patent Number(s)**

5392692	5406917	5408964
5430938	5464486	5469777
5477820	5482637	5484662
5490445	5554020	5566450
5598763	5695199	RE34143

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

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

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>		
Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>		
Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>		

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)	<input type="text"/>	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)			
Name (line 2)	<input type="text"/>				
Address (line 1)	<input type="text"/>				
Address (line 2)	<input type="text"/>				
Address (line 3)	<input type="text"/>	City	State/Country	Zip Code	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 1)	<input type="text"/>				
Name (line 2)	<input type="text"/>				
Address (line 1)	<input type="text"/>				
Address (line 2)	<input type="text"/>				
Address (line 3)	<input type="text"/>	City	State/Country	Zip Code	

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

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)

<input type="text"/>	<input type="text"/>	<input type="text"/>	4872432	RE34336	4846051
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

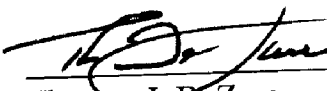
ASSIGNMENT

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 United States Patent No. 5239951 (the Patent) which was issued on 8/31/1993

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5239955 (the Patent) which was issued on 8/31/1993

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5245153 (the Patent) which was issued on 09/14/1993

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5295461 (the Patent) which was issued on 03/22/1994

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000



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 United States Patent No. 5302450 (the Patent) which was issued on 04/12/1994

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5313919 (the Patent) which was issued on 05/24/1994

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5392692 (the Patent) which was issued on 02/28/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5406917 (the Patent) which was issued on 02/28/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5408964 (the Patent) which was issued on 04/25/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5430938 (the Patent) which was issued on 07/11/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas I. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5315970 (the Patent) which was issued on 05/31/1994

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:

  
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5332422 (the Patent) which was issued on 07/26/1994

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:



Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000



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 United States Patent No. 5358753 (the Patent) which was issued on 10/25/1994

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas L. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5464486 (the Patent) which was issued on 11/07/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5469777 (the Patent) which was issued on 11/28/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

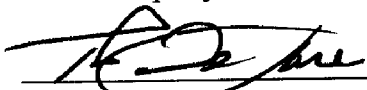
ASSIGNMENT

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 United States Patent No. 5477820 (the Patent) which was issued on 12/26/1995

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

DEC 01 2000  
Date: \_\_\_\_\_

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 United States Patent No. 5482637 (the Patent) which was issued on 01/09/1996

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:

  
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5484662 (the Patent) which was issued on 01/16/1996

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5490445 (the Patent) which was issued on 02/13/1996

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5554020 (the Patent) which was issued on 09/10/1996

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000



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 United States Patent No. 5566450 (the Patent) which was issued on 10/22/1996

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5598763 (the Patent) which was issued on 02/04/1997

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 5695199 (the Patent) which was issued on 12/09/1997

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas L. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. RE34143 (the Patent) which was issued on 12/15/1992

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. 4872432 (the Patent) which was issued on 10/10/1989

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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 United States Patent No. RE34336 (the Patent) which was issued on 08/10/1993

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Mid-America Commercialization Corporation the full and exclusive right for the Patent.

Ford Motor Company

By:   
Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 01 2000

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ASSIGNMENT

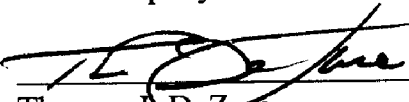
WHEREAS, Ford Motor Company (Ford), a corporation organized and existing by virtue of the laws of the State of Delaware and having a principal place of business at Dearborn, County of Wayne, and State of Michigan, is the owner of United States Patent No. 4846051 (the Patent) which was issued on 07/11/1989

WHEREAS, Mid-America Commercialization Corporation, a corporation of the State of Kansas, having a place of business at 1500 Hayes Drive, City of Manhattan, County of Pottawatomie, and State of Kansas 66502, is desirous of acquiring and interest therein;

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