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	NIO OIL.
To the Director of the U.S. Patent and Trademark Office: Please rec	
1. Name of Conveying Party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
lamas Dankin II	Lu Filler A
James Rankin, II Pietro Buttolo	Name: Ford Motor Company
Pietro Buttolo Paul Stewart	Internal Address:
Anne Marsan	. 4
Horea Ilies	<u>8</u> 8
	Street Address: The American Road 50 50 50 50 50 50 50 50 50 50 50 50 50
Execution Date(s) October 3 <sup>rd</sup> , 5 <sup>th</sup> , 19 <sup>th</sup> , and 21 <sup>st</sup> 2005	Street Address: The American Road - 🔾
	467
Additional name(s) of conveying party(ies) attached? □Yes ⊠No	<u>~~</u>
3. Nature of conveyance:	City: Dearborn
•	Ot 4 Minkings
	State: Michigan
□ Change of Name	Country: U.S.A. Zip: 48121
☐ Security Agreement ☐ Change of Name	Country. 2.1p. 40121
☐ Government Interest Assignment	Additional name(s) & address(es) attached? □Yes ☑No
<u>-</u>	Additional hame(a) a addition(co) attached: 100 100 1010
☐ Executive Order 9424, Confirmatory License	
☐ Other	
	This down at it hairs filed together with a new application
4. Application or patent number(s):	☑ This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
A delitional number	ers attached?  \( \subseteq Yes \( \subseteq No \)
	6. Total number of applications and patents
5. Name and address to whom correspondence	
concerning document should be mailed:	involved: One (1)
D. III A VACUE-som	
Name: Donald A. Wilkinson	
Internal Address: MacMillan, Sobanski & Todd, LLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Iviacivillian, Sodanski & Todd, ELC	
	☐ Authorized to be charged by credit card
Street Address: One Maritime Plaza, 4th Floor	Authorized to be charged to deposit account
Street Address. One marting ridear 1. 100	□ Enclosed
720 Water Street	
	☐ None required (government interest not affecting title)
City: Toledo	
	8. Payment Information
State: Ohio Zip: 43604	o. i ajmont intermedia
	a. Credit Card Last 4 Numbers
Phone Number: 419-255-5900	Expiration Date
	· · · · · · · · · · · · · · · · · · ·
Fax Number: 419-255-9639	b. Deposit Account Number 06-1510
Email Address:	Docket No. 81078783
DO NOT I	USE THIS SPACE
a set of my knowler	lge and belief, the foregoing information is true and correct
9. Statement and signature: To the best of my knowled	cument.
and any attached copy is a true copy of the original doc	0 - 10/
	// /* / / / / / / · · · · · · · · · · ·
1 Anhl	October 21, 2005
Donald A. Wilkinson Signature	Date
Name of Person Signing	(E) Etc.
Total number of pages including cover sh	eet, attachments and documents: (5) <u>Five</u> .
	06-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the
in the second discluding cover sheet) should be faxed to (703) 30	96-5995, or malied to. Iviali Stop Assignment Noorisation 25

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

10/28/2005 ECOOPER 00000067 061510

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PATENT

REEL: 017150 FRAME: 0227

Please direct all correspondence to: 28866

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 81078783 entitled: HANDHELD SWITCH MEASUREMENT SYSTEM for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

James Rankin II Paul Stewart Pietro Buttolo Anne Marsan Horea Ilies; 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 COMPAN COMPANY the ful invention, as desc Letters Patent of the and filing date here	NY, or by my contractual obligation, I do sell, assign I and exclusive right for the United States of America arribed in the specification executed by me on the date lithe United States therefore (and I hereby authorize my sein:	and transfer unto FORD MOTOR and for all foreign countries to the said sted below, preparatory to obtaining attorneys to insert the serial number
Patents and Trac Executed by:	, Filing Date), and I lemarks to issue said Letters Patent to FORD MO	TOR COMPANY as the assignee.
	SIGNATURE:	
Name: Home Address: City, State, Zip: Country:	James Rankin II 25974 Glenmoor Novi, MI 48374 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Paul Stewart 39 Avery Park Drive North Andover, MA 01845 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Pietro Buttolo 24674 Eton Ave. Dearborn Heights, MI 48125 United States of America	Date: _\(\ldot \o \o \s\ / \o s \)
Name: Home Address: City, State, Zip: Country:	Anne Marsan 222 Kenwood Ave. Ann Arbor, MI 48103 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Horea Ilies 152 Grandview Dr. Glastonbury, CT 06033 United States of America	Date:

PATENT REEL: 017150 FRAME: 0228

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

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Attorney Docket No. 81078783 entitled: HANDHELD SWITCH MEASUREMENT SYSTEM for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

James Rankin II Paul Stewart Pietro Buttolo Anne Marsan Horea Ilies; 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

COMPANY the fu said invention, as obtaining Letters serial number and	Il and exclusive right for the United described in the specification exec Patent of the United States therefor filing date herein:	States of America and for all foreign countries to the uted by me on the date listed below, preparatory to e (and I hereby authorize my attorneys to insert the), and I hereby request the aid Letters Patent to FORD MOTOR COMPANY as
Commissioner of the assignee. Ex		aid Letters Patent to FORD MOTOR COMPANY as
	SIGNAT	TURE:
Name: Home Address:	James Rankin II	Date:
City, State, Zip: Country:	Novi, MI 48374 United States of America	<del>}</del>
Name: Home Address: City, State, Zip: Country:	Paul Stewart 39 Avery Park Drive North Andover, MA 01845 United States of America	Date: Oct, 21, 2005
Name: Home Address: City, State, Zip: Country:	Pietro Buttolo 24674 Eton Ave. Dearborn Heights, MI 48125 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Anne Marsan 222 Kenwood Ave. Ann Arbor, MI 48103 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Horea Ilies 152 Grandview Dr. Glastonbury, CT 06033 United States of America	Date:

Exa Corporation

dee: 10 eo 12 aon PATENT Please direct all correspondence to: 28866

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 81078783 entitled: **HANDHELD SWITCH MEASUREMENT SYSTEM** for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

James Rankin II
Paul Stewart
Pietro Buttolo
Anne Marsan
Horea Ilies,
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 therefore (and I hereby authorize my attorneys to insert the serial number and filling date herein:  Serial No				
	SIGNATURE:			
Name: Home Address: City, State, Zip: Country:	James Rankin II 25974 Glenmoor Novi, MI 48374 United States of America	Date:		
Name: Home Address: City, State, Zip: Country:	· ·	Date:		
Name: Home Address: City, State, Zip: Country:	Dearborn Heights, MI 48125 United States of America	Date:		
Name: Home Address: City, State, Zip: Country:	Anne Marsan 222 Kenwood Ave. Ann Arbor, Mi 48103 United States of America	Date: 10 5 200 5		
Name: Home Address: City, State, Zip: Country:	Horea Hies 152 Grandview Dr. Glastonbury, CT 06033 United States of America	Date:		

PATENT REEL: 017150 FRAME: 0230 Please direct all correspondence to: 28866

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

**RECORDED: 10/21/2005** 

has/have invented certain new and useful improvements in:

Attorney Docket No. 81078783 entitled: HANDHELD SWITCH MEASUREMENT SYSTEM for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

James Rankin II Paul Stewart Pietro Buttolo Anne Marsan Horea Ilies: 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;

COMPANY, or by full and exclusive described in the sp of the United State herein: Serial No	THEREFORE, pursuant to my employment agreemy contractual obligation, I do sell, assign and right for the United States of America and for secification executed by me on the date listed less therefore (and I hereby authorize my attorned), Filing Date	all foreign countries to the said invention, as below, preparatory to obtaining Letters Patent sys to insert the serial number and filing date
Executed by:		
	SIGNATURE:	
Name: Home Address: City, State, Zip: Country:	James Rankin II 25974 Glenmoor Novi, MI 48374 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Paul Stewart 39 Avery Park Drive North Andover, MA 01845 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Pletro Buttolo 24674 Eton Ave. Dearborn Heights, MI 48125 United States of America	Date:
Name: Home Address: City, State, Zip: Country:	Anne Marsan 222 Kenwood Ave. Ann Arbor, MI 48103 United States of America	Date:
Name: Home Address: City, State, Zlp: Country:	Horea Ilies 152 Grandview Dr. Glastonbury, CT 06033 United States of America	Date: 10/19/05

**PATENT** REEL: 017150 FRAME: 0231