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Name (line 1)	OSMAN, Paul Alexander					3 15 2001
Name (line 2)						Execution Date
Second Party Name (line 1)	YAN, Haibo					3 19 2001
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Name (line 2)						09744635
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Name (line 1)	Ford Motor Company					le an assignment and the receiving party is not
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PATENT

**REEL: 011720 FRAME: 0265** 

FORM PTO-1619B Expres 06/30/99 OMB 0651-0027		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Nam	e and Address	Area Code and Telephone Num	nber 313-323-2024
Name Lorraine	S. Melotik - 30,08	8	
Address (line 1) Ford (	lobal Technologi	es, Inc.	
Address (Ine 2) Suite	600 - Parklane T	owers East	
Address (time 2) One Pa	rklane Boulevard		
Address (line 4) Dearbo	co, MI 4812	6	
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Patent Applic  09/744,635  If this document is being filed a signed by the first named executed by the first named	ation Number(s)  cogether with a new Patent cuting inventor.  Freaty (PCT)  clication number Application Number	Application, enter the date the patent ap	Patent Number(s)
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To the best of my attached copy is indicated herein.	a true copy of the or	lef, the foregoing information is triginal document. Charges to dep	posit account are authorized, as
Saundra M. Lewis	6	Saundra M. Jewe Signature	April 2, 2001
Name of Person	Signing	Signature	Date

PATENT REEL: 011720 FRAME: 0266 FORM. PTO-1619C Expres 06/30/99 OMB 0651-0027

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

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Name (line 1)	YU, Jian	3 19 2001
Name (line 2)		Execution Date
	ARCHIBALD, Laurence Charles	Month Day Year 3 15 2001
Name (line 1)	ARCHIBALD, Laurence Charles	3 15 2001
Name (line 2)		
•		Execution Date Month Day Year
Name (line 1)	HARRIS, Samuel James	3 15 2001
Name (line 2)		
Receiving F	arty(ies) Mark if additional names of receiving partie	s attached
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PATENT

**REEL: 011720 FRAME: 0267** 

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

#### **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 198-0628 entitled: SURFACE TREATMENT OF STEEL for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Paul Osman

Samuel Harris

Laurence Archibald

Jian Yu

Haibo Yan; 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. 09/744,635 , Filing Date 1/26/01 (US) ), 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
Paul Alexander Osman 23 Bells Chase Great Baddow Chelmsford, Essex CM2 8DS GB	P. Osman	15/3/01
Haibo Yan University Park Nottingham NG7 2RD GB		
Jian Yu University Park Nottingham NG7 2RD GB		
Laurence Charles Archibald University Park Nottingham NG7 2RD GB		
Samuel James Harris University Park Nottingham NG7 2RD GB		

Melotik

Attorney Docket No: 198-0628

Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 011720 FRAME: 0268

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### ASSIGNMENT

WHEREAS, THE UNDERSIGNED.

has/have invented certain new and useful improvements in:

Attorney Docket No. 198-0626 entitled: SURFACE TREATMENT OF STEEL for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Paul Osman

Samuel Harris

Laurence Archibeld

Jian Yu

Heibo Yan; 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.  $\frac{09/744,635}{9}$ , Filing Date  $\frac{1/26/01}{9}$ , 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
Paul Alexander Osman		
23 Bells Chase Great Baddow		
Chelmsford, Essex CM2 8DS GB		
Halbo Yan		
University Park Nottingham	Links Jan	10/01 31
NG7 2RD GB	Jewle Jan	1902/2001
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Jian Yu		
University Park Nottingharm	\	19/03/200
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Laurence Charles Archibald	•	
University Park Nottingham		
NG7 2RD GB		
Samuel James Harris		
University Park Nottingham		
NG7 2RD GB		

Attorney Docket No: 198-0628

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

#### **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 198-0628 entitled, SURFACE TREATMENT OF STEEL for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Paul Osman

Samuel Harris

Laurence Archibald

Jian Yu

Haibo Yan; 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;

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Paul Alexander Osman 23 Bells Chase Great Baddow Chelmsford, Essex CM2 8DS GB		
Haibo Yan University Park Nottingham NG7 2RD GB		
Jian Yu University Park Nottingham NG7 2RD GB		
Laurence Charles Archibald University Park Nottingham NG7 2RD GB	L'actolaise	3/15/101
Samuel James Harris University Park Nottingham NG7 2RD GB	8 Hami	3/15/01

Melotik

Attorney Docket No: 198-0628

RECORDED: 04/06/2001

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PATENT REEL: 011720 FRAME: 0270