

FORM PTO-1619A

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06-18-1999

U.S. Department of Commerce  
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**PATENT**

101071753

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09/324317  
06/02/99**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Name (line 1) DONALD P. MALONE

Execution Date  
Month Day Year  
05-14-1999

Name (line 2)

**Second Party**

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) MARATHON ASHLAND PETROLEUM LLC

Name (line 2)

☐ If document to be recorded  
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Address (line 1) 539 SOUTH MAIN STREET

Address (line 2)

Address (line 3) FINDLAY

City

OH/USA

State/Country

45840

Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2) 00000006 012545 09324317

Address (line 3) 10-00 CH

Address (line 4)

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**PATENT**  
**REEL: 010025 FRAME: 0635**

**Correspondent Name and Address**

Area Code and Telephone Number **606/329-4154**

Name **RICHARD D. STONE**

Address (line 1) **P.O. BOX 391**

Address (line 2) **2000 ASHLAND DRIVE**

Address (line 3) **ASHLAND, KY 41114**

Address (line 4)

**Pages**

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

# **1**

**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)**

**09/324317**

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 **05** Day **14** Year **1999**

**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.

# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
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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.*

**RICHARD D. STONE, REG# 27,598**

Name of Person Signing

Signature

Date

# ASSIGNMENT

RI-6610AUS

AS A BELOW NAMED INVENTOR, FOR GOOD AND VALUABLE CONSIDERATIONS, I the undersigned inventor (or joint inventor if more than one name appears in 202 below), a U.S. citizen, for \$10.00 and other consideration received, do hereby sell, assign and transfer unto MARATHON ASHLAND PETROLEUM LLC., a Delaware limited liability company, and having an office at Findlay, Ohio, herein sometimes called "ASSIGNEE", my entire right, title and interest throughout the world in and to the invention for

## Low or No Slag Molten Metal Processing of Coke Containing Vanadium and Sulfur

described and/or claimed in my application for Letters Patent of the United States of America, Serial No. - NOT ASSIGNED - , filed HERewith and as described and/or claimed in any and all international and other applications for Letters Patent of all countries together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND I HEREBY ASSIGN any and all priority rights as may exist and authorize Assignee to make applications for and to receive Letters Patent for said invention in any of said countries in its own name, or in my name, at its election.

AND I HEREBY COVENANT AND AGREE, that I will execute or procure any further necessary assurance of the title to said invention and any letters patent which may issue therefor and I will, at any time, upon request and at the expense of ASSIGNEE execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any legal proceedings, execute any substitute, continuation-in-part, re-issue, or any other additional applications for Letters patent for said invention or any part or parts thereof, all of which applications and any Letters patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of the ASSIGNEE, its successors, assigns or other legal representatives. This agreement shall bind me, my heirs, executors and other personal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said MARATHON ASHLAND PETROLEUM LLC., as my sole ASSIGNEE.

Full Name of Inventor 201	Family Name HOLCOMBE	First Given name Thomas	Second Given Name C.
Residence & Citizenship	City Neshanic Station	State or Country NEW JERSEY	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 200 Beekman Lane	City Neshanic Station	State & Zip Code/Country NJ 08853/USA
Full Name of Inventor 202	Family Name MALONE	First Given name Donald	Second Given Name P.
Residence & Citizenship	City Grayson	State or Country KENTUCKY	Country of Citizenship U.S.A.
Post Office Address	Post Office Address Box 110, Route 1	City GRAYSON	State & Zip Code/Country KY 41043
Full Name of Inventor 203	Family Name	First Given name	Second Given Name
Residence & Citizenship	City	State or Country	Country of Citizenship
Post Office Address	Post Office Address	City	State & Zip Code/Country

Signature of Inventor 201	Signature of Inventor 202 <i>Donald P. Malone</i>	Signature of Inventor 203
Date:	Date: <i>May 14, 1999</i>	Date:

State of *Kentucky* )  
County of *Greenup* ) ss

On the respective date(s) indicated, there personally appeared before me the above named inventor 202 (D.P. Malone), to me known and known be me to be the same person(s) described herein and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

*Joan C. Lang*  
Notary Public

JOAN C. LANG

My commission expires September 23, 1999

PATENT

RECORDED: 06/02/1999

REEL: 010025 FRAME: 0637