

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies) Jeffrey Barmont Hoke Mark Thomas Buelow John Joseph Kauffman Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Engelhard Corporation</u> Internal Address: _____ Street Address: <u>101 Wood Avenue</u> P.O. Box <u>770</u> City: <u>Iselin</u> State: <u>New Jersey</u> Country: <u>USA</u> Zip: <u>08830-0770</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>January 19, 2006</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/281,629</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Chief Patent Counsel</u> Internal Address: <u>Engelhard Corporation</u> Street Address: <u>101 Wood Avenue</u> P.O. Box <u>770</u> City: <u>Iselin</u> State: <u>New Jersey</u> Zip: <u>08830</u> Phone Number: <u>732/205-5401</u> Fax Number: <u>732/205-6727</u> Email Address: _____	6. Total number of applications and patents involved: _____ 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>05-1070</u> Authorized User Name _____
9. Signature: <u>Richard A. Negin</u> <u>January 23, 2006</u> Signature Date 01/26/2006 DBYRME 00000249 051070 11281629 01 FC:8021 40.00 DA Richard A. Negin Name of Person Signing	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

Joint

WHEREAS, WE,

Jeffrey Barmont Hoke, 1374 Luke Street, North Brunswick, New Jersey 08902
Mark Thomas Buelow, 119 Stonehenge Drive, Phillipsburg, New Jersey 08865
John Joseph Kauffman, 36 Dartmouth Drive, Hazlet, New Jersey 07730

Citizens of the United States of America are the inventors of an invention in

IMPROVED HYDROCARBON ADSORPTION SLURRY WASHCOAT FORMULATION FOR USE AT LOW TEMPERATURE

for which we have executed an application for Letters Patent of the United States; and

WHEREAS, ENGELHARD CORPORATION is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned have sold assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said ENGELHARD CORPORATION, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date JAN 19, 2006

Jeffrey B. Hoke
Jeffrey Barmont Hoke

Date Jan 19, 2006

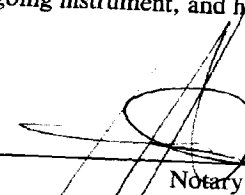
Mark T. Buelow
Mark Thomas Buelow

Date Jan 19, 2006

John Joseph Kauffman
John Joseph Kauffman

State of New Jersey)
 ss.:
County of Middlesex)

On this 17th day of January, 2006, before me, a Notary Public in and for the State and County aforesaid, personally appeared Jeffrey Barmont Hoke, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

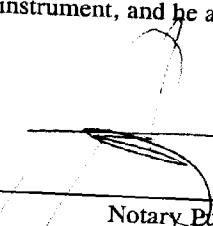


Notary Public

PHYLLIS NOVA
Notary Public of New Jersey
My Commission Expires August 31, 2009

State of New Jersey)
 ss.:
County of Middlesex)

On this 19th day of January, 2006, before me, a Notary Public in and for the State and County aforesaid, personally appeared Mark Thomas Buelow, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

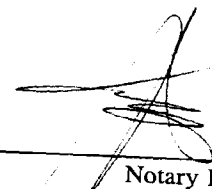


Notary Public

PHYLLIS NOVA
Notary Public of New Jersey
My Commission Expires August 31, 2009

State of New Jersey)
 ss.:
County of Middlesex)

On this 19th day of January, 2006, before me, a Notary Public in and for the State and County aforesaid, personally appeared John Joseph Kauffman, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Notary Public

PHYLLIS NOVA
Notary Public of New Jersey
My Commission Expires August 31, 2009