

12-27-2004

Docket No. 4940A

FORM PTO-1595



FEET

U.S. DEPT. OF COMMERCE

NRD 12/22/04

102910825

To: Commissioner for Patents

Please record attached original documents.

1. Name of conveying party(ies):

Yuejin Li
Michel Deeba
Joseph Charles Dettling
Joseph Allan Patchett
Stanley Allen Roth

2. Name and address of receiving party(ies):

ENGELHARD CORPORATION

101 Wood Avenue - P.O. Box 770

Iselin, New Jersey 08830-0770

OFFICE OF PUBLIC AFFAIRS
2004 DEC 22 PM 2:08
FINANCE SECTION

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Dates December 15, 2004, December 17, 2004, December 17, 2004,
December 17, 2004, December 14, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: *

A. Patent Application No. 10/975,428 | B. Patent No. * _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Chief Patent Counsel
ENGELHARD CORPORATION
101 Wood Avenue - P.O. Box 770
Iselin, New Jersey 08830-0770

6. Total number of applications and patents involved _____ *

7. Total fee (37 CFR 3.41)..... \$40.00
 Authorized to be charged to deposit account

8. Deposit Account Number: 05-1070

DO NOT USE THIS SPACE

9. 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.

Richard A. Negin December 20, 2004
Name of person signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

12/23/2004 ECDOPER 00000184 051070 10975428

01 EC:8021 40.00 DA

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450

PATENT
REEL: 016095 FRAME: 0038

ASSIGNMENT

Joint

WHEREAS, WE,

Yuejin Li, 8 East Drive, Edison, New Jersey 08820
Michel Deeba, 30 Fairview Avenue, East Brunswick 08816
Joseph Charles Dettling, 8 Spicy Pond Road, Howell, New Jersey 07731
Joseph Allan Patchett, 46 Queen Anne Drive, Basking Ridge, New Jersey 07920
Stanley Allen Roth, 167 Crestview Way, Yardley Pennsylvania 19067

Citizens of Germany and the United States of America, respectively, are the inventors of an invention in

EMISSIONS TREATMENT SYSTEM WITH NSR AND SCR CATALYSTS

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 Dec. 15, 2004

Yuejin Li
Yuejin Li

Date Dec. 17, 2004

Michel Deeba
Michel Deeba

Date 12/17/04

Joseph Charles Dettling
Joseph Charles Dettling

Date Dec 17/04

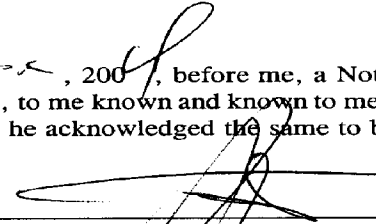
Joseph A Patchett
Joseph Allan Patchett

Date 14-Dec-04

Stanley Allen Roth
Stanley Allen Roth

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

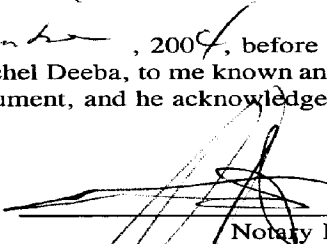
On this 15th day of December, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Yuejin Li, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



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

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

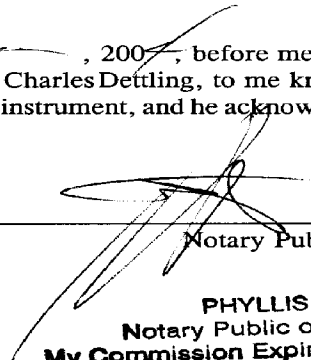
On this 17th day of December, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michel Deeba, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



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

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

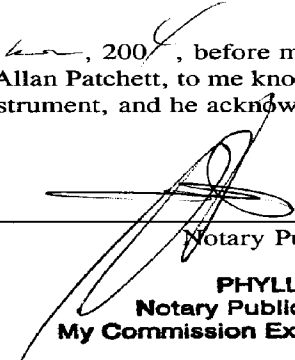
On this 17th day of December, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joseph Charles Dettling, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free 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)

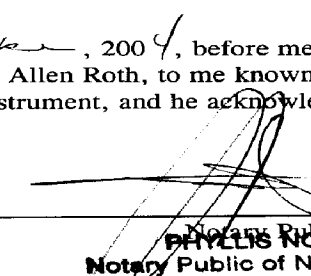
On this 17th day of December, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joseph Allan Patchett, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act 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 14th day of December, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Stanley Allen Roth, 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