

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3085107

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | JOSEPH ALLAN PATCHETT | 08/21/2003 |
| | JOSEPH CHARLES DETTLING | 08/22/2003 |
| | ELIZABETH ALINA PRZYBYLSKI | 08/22/2003 |
| RECEIVING PARTY DATA | | |
| Name: | ENGELHARD COPORATION | |
| Street Address: | 101 WOOD AVENUE | |
| City: | ISELIN | |
| State/Country: | NEW JERSEY | |
| Postal Code: | 08830 | |
| PROPERTY NUMBERS Total: 3 | | |
| Property Type | Number | |
| Application Number: | 11676798 | |
| Application Number: | 13274635 | |
| Application Number: | 14454931 | |
| CORRESPONDENCE DATA | | |
| Fax Number: | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | | |
| Phone: | 9147857114 | |
| Email: | andrea.dececchis@basf.com | |
| Correspondent Name: | BASF CORPORATION | |
| Address Line 1: | 100 PARK AVENUE | |
| Address Line 4: | FLORHAM PARK, NEW JERSEY 07932 | |
| ATTORNEY DOCKET NUMBER: | EH4919 | |
| NAME OF SUBMITTER: | MELANIE L. BROWN | |
| SIGNATURE: | /Melanie L. Brown/ | |
| DATE SIGNED: | 10/29/2014 | |
| Total Attachments: 2 | | |
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| source=4919_inv_to_Engelhard#page2.tif | | |

ASSIGNMENT

Joint

WHEREAS, WE,

Joseph Allan Patchett, 46 Queen Anne Drive, Basking Ridge, New Jersey 07920
Joseph Charles Dettling, 8 Spicy Pond Road, Howell, New Jersey 07731
Elizabeth Alina Przybylski, 188 Evergreen Road - 4B, Edison, New Jersey 08837

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

CATALYZED SCR FILTER AND EMISSION TREATMENT SYSTEM

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 Aug 26, 2003

Joseph A Patchett
Joseph Allan Patchett

Date 8/22, 2003

Joseph Charles Dettling
Joseph Charles Dettling

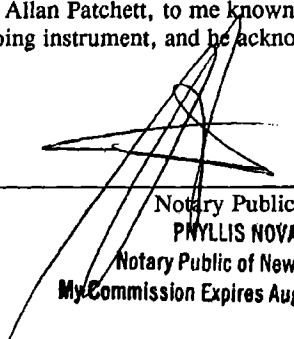
Date 8-22-, 2003

Elizabeth Alina Przybylski
Elizabeth Alina Przybylski

10/634,659
PATENT 4919

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

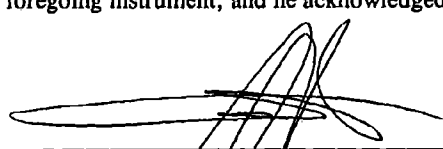
On this 26th day of August, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joseph Allan Patchett, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Notary Public
PHYLLIS NOVA
Notary Public of New Jersey
My Commission Expires August 31, 2004

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

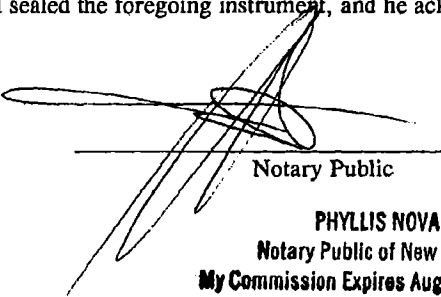
On this 22nd day of August, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joseph Charles Dettling, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Notary Public
PHYLLIS NOVA
Notary Public of New Jersey
My Commission Expires August 31, 2004

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

On this 22nd day of August, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared Elizabeth Alina Przybylski, 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, 2004

RECORDED: 08/29/2003

RECORDED: 10/29/2014

PATENT
REEL: 014443 FRAME: 0762
PATENT

REEL: 034056 FRAME: 0514