Docket No. 4751 04-24-2001 N FORM COVER SHEET U.S. DEPT. OF COMMERCE PATENTS ONLY Please record attached original documents. 101684486 Name of conveying party(ies): 2. Name and address of receiving party(ies): Steven M. Kuznicki 1. ENGELHARD CORPORATION Valerie A. Bell 101 Wood Avenue Tadeusz W. Langner P.O. Box 770 Jacqueline S. Curran Iselin, NJ 08830-0770 Nature of conveyance: 3. Assignment □ Merger Security Agreement ☐ Change of Name Execution Date 12/14/00 09/737,063 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. B. Patent No. Additional numbers attached?

Yes x No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved concerning document should be mailed: 1 _ Chief Patent Counsel ENGELHARD CORPORATION 101 WOOD AVENUE ISELIN, N.J. 08830 7. Total fee (37 CFR 1.21(h).. 40.00 8. Deposit Account number: 05-1070 OT USE THIS SPACE DO N 10 00 CH 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. Stephen I. Miller

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

Name of person signing

PATENT

REEL: 011696 FRAME: 0949

Date March 30, 2001

Serial No. 09/737,063

ASSIGNMENT

PATENT

Joint

Docket No. 4751

WHEREAS, WE,

Steven M. Kuznicki Valerie A. Bell Tadeusz W. Langner Jacqueline S. Curran (U.S. Citizen) (U.S. Citizen) (U.S. Citizen) (U.S. Citizen)

are the inventors of an invention in

METHOD OF STATIC WATER SOFTENING USING ZEOLITES OF NOVEL MORPHOLOGY

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.

Steven M. Kuznicki

Date 12(14 (00)

Valerie A. Bel.

Date /2/14/00

acqueline S. Curran

PATENT

REEL: 011696 FRAME: 0950

Serial No. 09/737,063

	PATENT
State of New Jersey)	
SS.:	
County of Middlesex)	
On this 14 day of Decliner, 2000, before me, a Notary Public in and for the	ie State and County
aforesaid, personally appeared Steven M. Kuznicki, to me known to me to b	e the person of that
name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his	free act and deed.
Heart Bot	
Notary Public	
State of New Jersey Notary Public of New Jersey	
State of New Jersey) My Commission Expires June 27, 2002	
County of Middlesex)	
\mathcal{O}_{2}	
On this 14 day of Allember, 2000, before me, a Notary Public in ar	
County aforesaid, personally appeared <u>Valerie A Bell</u> , to me known and known of that name, who signed and sealed the foregoing instrument, and he acknowledged the	
act and deed.	same to be his free
But But	
Notary Public	
Janet Szot	
State of New Jersey Notary Public of New Jersey	
ss.: My Commission Expires June 27, 2002	
County of Middlesex)	
On this 14 day of Leenhe, 2000, before me, a Notary Public in a	nd for the State and
County aforesaid, personally appeared Tadeusz W. Languer, to me known and known	wn 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.	
Heret Dat	
Notary Public Janet Szot	
Notary Public of New Jersey	
My Commission Expires June 27, 2002	
County of Middlesex)	
On this 14 day of Olcanber, 2000, before me, a Notary Public in a	
County aforesaid, personally appeared Jacqueline S. Currato me known and known to n	id for the State and
of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to	be his free act and
iteed.	· · · · · · · · · · · · · · · · · · ·
Notary Public	
Notary Public	

Janet Szot Notary Public of New Jersey My Commission Expires June 27, 2002

RECORDED: 04/02/2001

PATENT REEL: 011696 FRAME: 0951