

OMB No. 0651-0011 (exp.

(Rev.6-93)

18 09-14-1998



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To the Honorable Commissioner of Patents and Trademarks: Pleas	se record the attached original documents or copy thereof.
Name of conveying party(ies): Chia-Hung Chen Ken K. Chang Albert Leonard Haugse Thomas E. Dando Additional name(s) on conveying party(ies) attached? □ Yes ☑ No	Name and address of receiving Party(ies) Name: Ashland Inc. Internal Address:
3. Nature of Conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of Name □ Other	Street Address: P. O. Box 2219 Columbus, OH 43216 Additional name(s) & address(es) attached? □ Yes ☑ No
Execution Date: August 28, 1998	
Application number(s) or patent number(s). If this document is being filed together with a new app	lication, the execution date of the application is:
A. Patent Application No.(s) 09/032,690	B. Patent No.(s)
Additional numbe	ers attached? □ Yes ☑ No
Name and address of party to whom correspondence concerning document should be	6. Total number of applications and patents involved: □
mailed:	7. Total fee (37 CFR 3.41)\$40.00 ☐ Enclosed ☑ Authorized to be charged to deposit account
Name: David L. Hedden Internal Address: Ashland Chemical Company Law Department P. O. Box 2219 Columbus, OH 43216	Deposit account number: 01-2530 (Attach duplicate copy of this page if paying by deposit account)
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> PATENT REEL: 9433 FRAME: 0448

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATIONS, We, Chia-Hung Chen of Dublin, Ohio, Ken. K. Chang of Dublin, Ohio, Albert Leonard Haugse of Dublin, Ohio and Thomas E. Dando of Sunbury, Ohio do hereby assign and transfer unto Ashland Inc., a corporation organized under the laws of the Commonwealth of Kentucky, and having an office at 1000 Ashland Drive, Russell, Kentucky 41169 U.S.A., herein sometimes called "ASSIGNEE", the entire right, title and interest in and to my invention for POLYURETHANE FORMING NO-BAKE FOUNDRY BINDERS as described and/or claimed in my application for Letters Patent of the United States of America, Serial No. 09/032,690, filed 02/28/98, and as described and/or claimed in any and all applications for Letters Patent of all foreign 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 WE HEREBY 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 to claim any and all priority rights as may exist.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefor and that we will, at any time, upon request and at the expense of ASSIGNEE deliver any testimony in any legal proceedings and 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 ASSIGNEE, its successors, assigns, or other representatives, and that we will at any time, upon the request and expense of ASSIGNEE execute any continuations, continuations-in-part, divisionals, or any other applications of 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 ASSIGNEE, its successors, assigns or other representatives.

AND WE 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 ASSIGNEE.

PATENT REEL: 9433 FRAME: 0449

WITNESS our hands and seals this 25 day of Ougust, 1998
Chie-hy Chen L.S.
Rey K. Cheg L.S.
L.S.
flon, C Dala L.S.
ACKNOWLEDGMENT
State of
On this day of, 1998, personally appeared before me Chia-Hung Chen, Ken K. Chang, Albert Leonard Haugse and Thomas E. Dando to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that they executed the same, of their own free will and for the purposes set forth.
Martha Lenn Blevins Notary Public

RECORDED: 08/28/1998

PATENT REEL: 9433 FRAME: 0450