Docket No.: PI-7219

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): STEVEN G. KARSEBOOM MICHAEL J. TURPIE PHILLIP R. DEVROU JOHN F. BALHOFF	2. Name and address of receiving party(ies): Name: ALBEMARLECORPORATION Internal Address:			
Additional names(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance:				
☑ Assignment ☐ Merger	Street Address: 330 SOUTH FOURTH STREET			
☐ Security Agreement ☐ Change of Name				
☐ Other	City: RICHMOND State: VA ZIP: 23219			
Execution Date: 09/7, 7, 6, 7, 2001, Respectively	Additional name(s) & address(es) attached? Yes No			
4. Application number(s) or patent numbers(s):				
If this document is being filed together with a new application	the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
US Scrial No. 09/949,380	B. Patent No.(s) FINANCE S			
Filed: 09/07/01	C ≥ ⊙			
Additional numbers attac	hed? ☐ Yes ⊠ No ☐ 🙀 👸			
Name and address of party to whom correspondence concerning document should be mailed:	hed? ☐ Yes ☒ No ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐			
Name: PHILIP M. PIPPENGER	7. Total fee (37 CFR 3.41):\$ 40.00			
Internal Address: ALBEMARLE CORPORATION	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account 			
LAW DEPARTMENT	✓ Authorized to be charged to deposit account			
Street Address: 451 FLORIDA STREET	8. Deposit account number:			
	01-0659; Order No. 02-116			
City: BATON ROUGE State: LA ZIP: 70801	(Attach duplicate copy of this page if paying by deposit account)			
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. PHILIP M. PIPPENGER AUGUST 5, 2002				
Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 3 Date				

FORM PTO-1595 (Modified)

(Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08/REV03

ASSIGNMENT

Serial No.	09/949,380	Filed:	SEPTEMBER 7, 2001	Case No. PI-7219
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We, STEVEN G. KARSEBOOM, a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 12766 Stutgart Avenue, Baton Rouge, Louisiana 70816; MICHAEL J. TURPIE, a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 2516 Gates Circle #10, Baton Rouge, Louisiana 70809; PHILLIP R. DEVROU, a citizen of the United States of America, residing in the Parish of Livingston, State of Louisiana, at 35031 Stonecastle Drive, Denham Springs, Louisiana 70706; and JOHN F. BALHOFF, a citizen of the United States of America, residing in the Parish of East Baton Rouge, State of Louisiana, at 2816 Dakin Avenue, Baton Rouge, Louisiana 70820, have made at least one invention, improvement or discovery described in patent application having the above designated case number PI-7219 entitled:

PRODUCTION OF 4-FLUOROBENZALDEHYDE

and for which invention, improvement or discovery we are about to make application for Letters Patent of the United States of America, said application bearing the above Case No. PI-7219.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we hereby transfer, set over and assign to

ALBEMARLE CORPORATION

a Virginia Corporation, having a place of business at Baton Rouge, Louisiana, its successors and assigns, our entire right, title and interest in, to and under said application for Letters Patent and all inventions, improvements and discoveries, whether joint or sole, disclosed therein, and the resultant patent or patents thereon and any renewals, reissues, extensions, substitutions, continuations, or divisions thereof, including all priority rights arising in other countries from said application and all foreign rights in and to said inventions, improvements and discoveries.

We further agree to execute such further papers, and perform such other proper acts as said Corporation may deem necessary to secure to said Corporation the rights herein conveyed; and we hereby authorize the insertion into this Assignment of the serial number and filing date of said application.

nventor & Kansengom

MICHAEL J. TURPIE

CHILLIDD ARVDOL

IOHN F BALHOF

STATE OF LOUISIANA EAST BATON ROUGE PARISH

to me known to be the person named in and who ex acknowledged that he executed the same of his own free	conally appeared before me STEVEN G. KARSEBOOM ecuted the above instrument in my presence, and who will for the uses and purposes herein mentioned.
(Notarial Seal)	Notary Public
STATE OF LOUISIANA EAST BATON ROUGE PARISH	
On this <u>7th</u> day of <u>Sept.</u> , 2001, pers known to be the person named in and who executed the a that he executed the same of his own free will for the use	onally appeared before me MICHAEL J. TURPIE to me bove instrument in my presence, and who acknowledged as and purposes herein mentioned.
(Notarial Seal)	Notary Public Print
STATE OF LOUISIANA EAST BATON ROUGE PARISH	
On this <u>6th</u> day of <u>Sept.</u> , 2001, person named in and who executed the a that he executed the same of his own free will for the use	onally appeared before me PHILLIP R. DEVROU to me bove instrument in my presence, and who acknowledged as and purposes herein mentioned.
(Notarial Seal)	Notary Public
STATE OF LOUISIANA EAST BATON ROUGE PARISH	
On this _7th _ day of _Sept, 2001, per known to be the person named in and who executed the a that he executed the same of his own free will for the use	rsonally appeared before me JOHN F. BALHOFF to me bove instrument in my presence, and who acknowledged as and purposes herein mentioned.
(Notarial Seal)	Notary Public

Page 2 of 2

RECORDED: 08/13/2002