04-10-2000 FORM PTO 1595 (Modified) (Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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P08/REV02

Docket No.: OR-7060-A

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U.S. DEPARTMENT	OF	COMM	ERCE
Patent and	Trac	lemark	Office

Tab settings → → → ▼ 1013131				
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies):			
BRUCE C. BERRIS and CHI HUNG CHENG	Name:ALBEMARLE_CORPORATION			
	Internal Address:			
_	memar/adress.			
Additional names(s) of conveying party(ies)	<del></del>			
3. Nature of conveyance:	- N			
☑ Assignment ☐ Merger	Street Address: 330 SOUTH FORTH STREET			
☐ Security Agreement ☐ Change of Name	Street Address: 330 SOUTH FORTH STREET			
☐ Other	City: RICHMOND State: XA ZIP: 23219			
Execution Date: JULY 9, 1999	Additional name(s) & address(es) attached? ☐ Yes ☑ No			
4. Application number(s) or registration 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)			
U.S. SERIAL NO.: 09/351,888				
FILED: 07/13/99				
Additional numbers attact	ned? ☐ Yes 👿 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: MR. PHILIP M. PIPPENGER	7. Total fee (37 CFR 3.41):\$ 40.00			
Internal Address: PATENT & TRADEMARK DIVISION	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
ALBEMARLE CORPORATION				
	Authorized to be charged to deposit account			
Street Address: 451 FLORIDA STREET	8. Deposit account number:			
	01-0659; Order No.: 00-042			
City: <u>BATON ROUGE</u> State: <u>LA</u> ZIP: <u>70801</u>				
4/10/2000 TT0N11 00000123 010659 09351888 DO NOT U	JSE THIS SPACE			
0) Ft. 581 40.00 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.	711/2 Jan			
PHILIP M. PIPPENGER	FEBRUARY 21, 2000			
Name of Person Signing ✓  Total number of pages including cover sh	Signatu <b>y</b> e / Date eet, attachments, and document:			
, 5	PATENT			

## **ASSIGNMENT**

Serial No	09/351,888	Filed:	JULY 13	, 1999	Case No. <b>OR-7060-A</b>
We,		Bruce C. Berri	s and Chi I	Hung Cheng	
Cora Drive, E	Baton Rouge, Louisiana ' n, improvement or disco	70815, respective	ely, in the P	arish of East Ba	ge, Louisiana 70810; and 1537 aton Rouge; have made at least above designated case number
	IMPROVED CAT	'ALYSIS IN H <i>A</i>	LOGEN E	XCHANGE R	EACTIONS
	h invention, improvements of America.	nt, or discovery v	we are about	t to make applic	cation for Letters Patent of the
acknowledge Corporation, I and interest in whether join extensions, su	ed, we hereby transfer, having a place of business a, to and under said applic t or sole, disclosed there	set over and as at Baton Rouge, ation for Letters ein, and the resul s, or divisions the	ssign to AI Louisiana, i Patent and tant patent ereof, includ	ts successors an all inventions, in or patents there ing all priority to	adequacy of which are hereby CORPORATION, a Virginia d assigns, our entire right, title improvements, and discoveries, con and any renewals, reissues, rights arising in other countries its, and discoveries.
may deem n		id Corporation	the rights h	erein conveyed;	proper acts as said Corporation and we hereby authorize the on.
		I	nventor	Bruce C. Be	C. Berrin
		I	nventor	Chi Hung C	heng
STATE OF L	OUISIANA	}			
PARISH OF	EAST BATON ROUGE	} E }			
On thi	is date or	f for		, 1999, p	personally appeared before me
		-	C. Berris		
o me known icknowledge	to be the persons named that they executed the	ed in and who esame of their ow	executed the on free will f	e above instrum or the uses and	nent in my presence, and who purposes herein mentioned.

Notary Public

(Notarial Seal)

PATENT REEL: 010660 FRAME: 0007

## ASSIGNMENT PAGE 2

Case No. OR-7060-A

STATE OF LOUISIANA }				
PARISH OF EAST BATON ROUGE }				
On this date of	14	, 1999, personally appeared before me		
Chi Hung Cheng				
		ated the above instrument in my presence, and who see will for the uses and purposes herein mentioned.		
		Notary Public		
		Notary Public		
(Notarial Seal)		Aug.		

**RECORDED: 02/28/2000** 

PATENT REEL: 010660 FRAME: 0008