Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
PAT <u>ENT</u>	S ONLY
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Yeping Cai; William Farls; Jeff Riley; Bob Riley; David Tolle; Jon Wagner; Jason Zhao	Name: SUD-CHEMIE INC.
ngghai, badon zhao	Internal Address: <u>A DELAWARE CORPORATION</u>
Execution Date(s) <u>MUCM bur 1, 2004</u> Additional name(s) of conveying party(ies) attached? Yes 🖌 No	Street Address: 1600 West Hill Street
3. Nature of conveyance:	
Assignment Merger	City: Louisville
Security Agreement Change of Name	State: Kentucky
Government Interest Assignment	Country: USAZip: 40210
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? 🛄 Yes 🗹 No
4. Application or patent number(s): This A. Patent Application No.(s) 10/963,667 Additional numbers at	document is being filed together with a new application. B. Patent No.(s) tached?
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name:SUD-CHEMIE INC.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: IP/Legal Department	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 1600 West Hill Street	Enclosed
offeet Address. 1000 West 111 Blade	None required (government interest not affecting title)
	8. Payment Information
State: KentuckyZip: 40210	a. Credit Card Last 4 Numbers 9355
Phone Number: 502-634-7200	Expiration Date <u>04/06</u>
Fax Number: 502-634-7724	b. Deposit Account Number
Email Address; jsimunic@sud-chemieinc.com	Authorized User Name
9. Signature:	Le la al el
9. Signature:	
Joan L. Simunic Reg. No. 43,125 - Patent Counsel to SCI Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandría, V.A. 22313-1450

ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

Whereas, we, the Inventors, Yeping Cai, whose post office address is 12910 Willow Forest Drive, Louisville, KY 40245 and William M. Faris, whose post office address is 9710 Grandin Woods Road, Louisville, KY 40299 and Jeffrey E. Riley, whose post office address is 8115 Baptist Church Rd SE, Elizabeth, IN 47117 and Robert E. Riley, whose post office address is 7245 E Hwy 11 SE, Elizabeth, IN 47117 and David Tolle, whose post office address is 255 Blarney Lane, Louisville, Ky. 40229 and Jon P. Wagner, whose post office address is 9906 Wyncliff Court, Louisville, KY 40241 and Shizhong Zhao, whose post office address is 3411 Ascot Circle, Louisville, KY 40241, and, have invented certain improvements in a PROCESS FOR THE PREPARATION OF PROMOTED CALCIUM-ALUMINATE SUPPORTED CATALYSTS ("Invention"), and have executed a utility application for United States Letters Patent of the same title filed herewith "Application"); and

Whereas, Assignee, Sud-Chemie Inc., of Louisville, Kentucky, a(n) Delaware corporation whose post office address is 1600 West Hill Street, Louisville, Kentucky 40210 (including its successors and assigns), desires to acquire our entire right, title and interest in said Application and Invention, and any United States and foreign patents to be obtained therefor;

Now therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, the entire right, title and interest in said Application and the Invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all patent

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applications, patents, continuations, continuations-in-part, divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country. We also agree that **Assignee**, may apply for foreign Letters Patent on the **Invention**, and we agree to cooperate with **Assignee**, and to execute without additional consideration any additional documents as deemed necessary by **Assignee**, to apply for or maintain patents or other legal protection for the **Invention** in any country of the world.

We hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in this **Application** to said **Assignee**.

Yeping Cai Yeping Cai Executed this <u>13</u> day of <u>October</u>, 2004 a <u>Facille Ky</u>. STATE OF KENTUCKY) SS: COUNTY OF JEFFERSON

Before me personally appeared Yeping Cai, and acknowledged the foregoing instrument to be his free act and deed this <u>13</u> day of <u>OCTABLE</u>, 2004.

My Commission expires: um M. Executed this 13 day of October, 2004 Jamivelle Ky. STATE OF KENTUCKY) SS: COUNTY OF JEFFERSON

Before me personally appeared William M. Faris, and acknowledged the foregoing instrument to be his free act and deed this <u>13</u> day of <u>October</u>, 2004.

PATENT REEL: 015327 FRAME: 0443

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N Seat 1	Ay Commission expires:	July 12,2006 <u>Alizabeth Johnson</u> Notary Public	
	a .	Jeffery E. Riley	~
E	executed this <u>3</u> day of <u>2</u>	tober , 2004 faminile	<u>~</u> .
STATE OF KEI COUNTY OF J) SS:)	,
B instrument to be	Sefore me personally appeared this free act and deed this $\frac{1}{2}$	Jeffery E. Riley, and acknowledged the ford day of <u>OCLOVEN</u> , 2004.	egoing
N (S@I)- 2	Ay Commission expires:	July 12,2006 <u>Pelizabeth Johnson</u> Notae Public	
	- A Alia 12 Anna 6 Da	<u>Robert E. Riley</u> Robert E. Riley taber , 2004 at fuminile k	V.
Ē	executed this $\underline{19}$ day of $\underline{122}$	Could , 2004 a furrouse ~	/_ `
STATE OF KE COUNTY OF J) SS:)	
E instrument to be	Before me personally appeared e his free act and deed this /3	Robert E. Riley, and acknowledged the for day of <i>Cloude</i> , 2004.	egoing
N N	My Commission expires:	July 12,2006	
(Seal)		<u>Recalieth Johnson</u> Notar Public	
		David P. Tolle	
I	Executed this <u>/3</u> day of <u>0</u>	taber, 2004 Laurille	Ky.
STATE OF KE COUNTY OF I	NTUCKY) SS:)	/

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PATENT REEL: 015327 FRAME: 0444

Before me personally appeared David P. Tolle, and acknowledged the foregoing instrument to be bis free act and deed this $\frac{13}{13}$ day of $\frac{1000}{1000}$, 2004.	
My Commission expires: <u>July 12, 2006</u> <u>Elizabeth Johnson</u> Notar Public	
Jon P. Wagner	
Executed this 13 day of October, 2004 of pursville Ky.	
STATE OF KENTUCKY) SS:COUNTY OF JEFFERSON)	
Before me personally appeared Jon P. Wagner, and acknowledged the foregoing instrument to be his free act and deed this $\underline{13}$ day of $000000000000000000000000000000000000$	
(Seat) (Seat) (Seat) (Seat) (Seat) (Seat) (Seat) (Seat)	
Shizhong MZ	
Executed this 13 day of October, 2004 of munile Ky.	J
STATE OF KENTUCKY COUNTY OF JEFFERSON) SS:	
Before me personally appeared Shizhong Zhao, and acknowledged the foregoing instrument to be his free act and deed this $\underline{/3}$ day of $\underline{Octable}$, 2004.	ş
My Commission expires: July 12,2006 (Seal) (Seal) Notary Public	

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RECORDED: 11/02/2004