FORM PTO-1 (Rev. 6-9%) 10 - 01 - 200	7 SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94)	Case CO/2-23024/EFK 8/PCT
To the Director of the 10344937	the attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies)
 Frank Oliver Heinrich Pirrung Arend Noordam Petrus Johannes Harbers Elizabeth Maaike Loen Arona Eliane Munneke Additional name(s) of conveying party(ies) attached? Yes No.	Internal Address: P.O. Box 2005 Street Address: 540 White Plains Road City: Tarrytown State: NY ZIP: 10591
3. Nature of conveyance:	
 ✓ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other 	
Execution Date(s): <u>1. 9/14/2006; 2. & 3. 7/27/2006;</u> 4. 8/29/2006; 5. 9/7/2006	Additional name(s) & address(es) attached?
 4. Application number(s) or Patent number(s): If this document is being filed together with a new application is: A. Patent Application No.(s) 10/590,467 Additional numbers attach 	B. Patent No.(s)
5. Name and address of party to whom	6. Total number of applications and patents involved: 1
correspondence concerning document should be mailed: Name: JoAnn Villamizar	7. Total fee (37 CFR 3.41)\$40.00
Name: JoAnn Villamizar Ciba Specialty Chemicals Corp. Internal Address: Patent Department	☐ Enclosed
P.O. Box 2005 Street Address: 540 White Plains Road City: Tarrytown State: NY ZIP: 10591	☑ Authorized to be charged to deposit account and any other additional fees required.
	8. Deposit account number: 03-1935
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Copy is a true copy of the original document. Joseph Suhadolnik Name of Person Signing Reg. No. 56,880 Signing	going information is true and correct and any attached 9 2 7 2007 gnature Date cover sheet, attachments, and document:
	ith required cover sheet information to: 2

PATENT REEL: 019918 FRAME: 0721 บุร

<u>ASSIGNMENT</u>

I / We Frank Oliver Heinrich PIRRUNG, Kirschenstrasse 26, 79576 Weil am Rhein, Germany, German

Arend NOORDAM, Carolinalaan 15, 8453 VJ Oranjewoud, Netherlands, Dutch

Petrus Johannes HARBERS, Skoalekers 12, 8464 PG Sintjohannesga, Netherlands, Dutch

Elizabeth Maaike LOEN, Schouwstraat 5c, 8937 BA Leeuwarden, Netherlands, Dutch

Arona Eliane MUNNEKE, Van Necksingel 19, 1701 AE Heerhugowaard, Netherlands, Dutch

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to *Ciba Specialty Chemicals Corporation*, a *Delaware corporation*, of 540 White Plains Road, Tarrytown, NY 10591, USA, its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

Phosphoric acid esters and their use as wetting and dispersing agent

invented by me/us and described in the international application

No. **PCT/EP2005/050830**

filed 28/02/2005

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said *Ciba Specialty Chemicals Corporation*, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said *Ciba Specialty Chemicals Corporation*.

THE STEEL ST	14-09.2006.
Frank Oliver Heinrich PIRRUNG	Date
Abacher	2)/7/06
Arend NOORDAM	Date ////
	27/7/06
Petrus Johannes HARBERS	Date / ' / /
Confeen	2910810b
Elizabeth Maaike LOEN	Date U
VALLE	07/09/06
Arona Eliane MUNNEKE	Date

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PATENT REEL: 019918 FRAME: 0722

RECORDED: 09/27/2007