Atty Docket No.:

FORM PTO-1595 1-31-92 222436US0X/vdm





To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Alfons KARL, Ralph MCINTOSH, Werner KALBITZ, Horst Name: Degussa AG KLEINHENZ, Gerd TAUBER, Stephan LUEDTKE Address: Bennigsenplatz 1, DE-40474 Duesseldorf, Germany Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: □ Merger ■ Assignment □ Security Agreement □ Change of Name □ Other May 6, 13, 15, October 11, May Additional name(s) and address(es) attached? □Yes ■No 15 and 13, 2002 **Execution Date:** 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 10/201,967 Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 **■** Enclosed ☐ Authorized to be charged to deposit account 22850 15-0030 8. Deposit account number: (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. Norman F. Oblon Name of Person Signing Roland E. Martin Registration Number: 24,618 Total number of pages including this cover sheet: Do not detach this portion

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FORM PTO-1595 1-31-92		u un marin i		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents 102 7			original documents or copy thereof.		
1. Name of conveying	party(ies):	8	2. Name and address of receiving party(ies):		
Alfons KARL Ralph MCINTOSH			Name:	ne: DEGUSSA AG	
Werner KALBITZ Horst KLEINHENZ Gerd TAUBER Stephan LUEDTKE	17.25.12	Address:	Benningsenplatz 1, DE-40474 Dueseldorf, Germany		
Additional name(s) of	conveying party(ies) attached?				
3. Nature of Conveya	nce:				
■ Assignment □ Security Agreen □ Other	☐ Merger ☐ Change of Name				
May 6, 2002, May 13, 2002 and Execution Date: May 15, 2002			Additional name(s) and address(es) attached? □Yes ■No		
4. Application number	r(s) or patent number(s):				
If this document is being filed together with a new application, the execution date of the application is: May 6, 2002, May 15, 2002 and May 23, 2002					
A. Patent Application No.(s)			B. Patent N	No.(s)	
**************************************		Additional n	ı ıumbers attac	ched? □Yes □No	
22850	5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total ap	pplications and patents involved: 1	
				e (37 CFR 3.41): \$40.00 I Enclosed Authorized to be charged to deposit account	
				account number: 15-0030 icate copy of this page if paying by deposit account)	
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9. Statement and sign	ature	_			
To the best of my kn of the original docun		ing information	on is true an	ed correct and any attached copy is a true copy	

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Signature

Box Assignments Washington, D.C. 20231

07/30/2002 6TON11 00000066 KELLY J

Registration Number:

James J. Kelly, Ph.D.

Name of Person Signing

41,504

01 FC:581

40.00 OP

PATENT REEL: 013410 FRAME: 0172

July 25, 2002

Date

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE) 1. Alfons KARL, Herzbergstrasse 59, DE-63584 Gruendau, Germany					
SERT NAMES	2. Ralph MCINTOSH, Forsthausstrasse 9, DE-63457 Hanau, Germany					
D RESIDENCE DRESS OF E INVENTORS:	3. Werner KALBITZ, Hanauer Landstrasse 9, DE-63517 Rodenbach, Germany					
	4. Horst KLEINHENZ, Nebenstrasse 23, DE-63538 Grosskrotzenburg, Germany					
	5. Gerd TAUBER, Moerikestrasse 7, DE-63500 Seligenstadt, Germany					
	6. Stephan LUEDTKE, Schleifmuehle 10, DE-63599 Biebergemuend, Germany					
	, respectively,					
SERT TITLE FINVENTION	have invented certain new and useful improvements in: PROCESS FOR THE PRODUCTION OF MODIFIED					
	CARBON BLACK					
SERT DATE IN- ENTORS SIGNED ECLARATION	for which an application for Letters Patent was executed on					
200mm	(Application No, filed), and					
SERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE	WHEREAS, Degussa AG					
	(hereinafter referred to as "ASSIGNEE") having a place of business at: Bennigsenplatz 1, DE-40474 Duesseldorf,					
	Germany					
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that					

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	05/06/02	exterious Kal S. Wark
Date:	05/1/3/02	(Signature of Inventor) Alfons KARL A. Wanth (Signature of Inventor) (Signature of Inventor) (Ralph MCINTOSH (Warth Cold to the Cold
	05/15/02	by alary tailer
Date:		(Signature of Inventor) Werner KALBITZ Horst KLEINHENZ KALBITZ Registrature of Inventor) Horst KLEINHENZ
Date:	05/15/02	(Signature of Inventor) Gerd TAUBER
Date:	05/13/02	(Signature of Inventor) Stephan LUEDTKE
Date:		(Signature of Inventor)
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Horst KLEINHENZ, Nebenstrasse 23, DE-63538 Grosskrotzenburg, Germany					
, respectively,					
have invented certain new and useful improvements in: PROCESS FOR THE PRODUCTION OF MODIFIED					
CARBON BLACK					
for which an application for Letters Patent was executed on					
(Application No. 10/201,967 , filed July 25, 2002), and					
WHEREAS, Degussa AG					
(hereinafter referred to as "ASSIGNEE") having a place of business at: Bennigsenplatz 1, DE-40474 Duesseldorf,					
Germany					
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that					

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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Page 2 of 2

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Date:	* 10/11/02	(Significan of Inventor)	Horst KLRINHENZ	Sylle Rboh
Date:		(Signature of inventor)		
Date:		(Signature of Inventor)		
Date:		(Signature of Inventor)		
Date:		(Signature of Inventor)		
Date:		(Signature of Inventor)		
Date:		(Signature of Inventor)		
Date:		(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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ARLINGTON, VIRGINIA 22202

10/01

RECORDED: 07/25/2002