### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE: ASSIGNMENT					
CONVEYING PARTY DATA					
Name Execution Date					
Holger Winkler		Name	03/08/2010		
Ralf Petry		03/08/2010			
Reinhold Rueger			03/08/2010		
Tim Vosgroene			03/08/2010		
RECEIVING PARTY DATA					
Name:	Merck Patent	/lerck Patent Gesellschaft			
Street Address:	Mit Beschrae	raenkter Haftung			
City:	Darmstadt	rmstadt			
State/Country:	GERMANY	(			
Postal Code:	Postal Code: 64293				
PROPERTY NUMBERS Total: 1 Property Type Number 12741945					
Property Type		Numb	Number		
Application Number: 1274					
Application Number	:	12741945			
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CORRESPONDENC Fax Number: <i>Correspondence will</i>	E DATA (703)24: be sent via US	3-6412 Mail when the fax attempt is unsuccessi			
CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone:	E DATA (703)243 be sent via US 7032436	3-6412 <i>Mail when the fax attempt is unsuccess</i> 3333	ful.		
CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email:	E DATA (703)24: <i>be sent via US</i> 7032436 guernse	3-6412 <i>Mail when the fax attempt is unsuccessi</i> 3333 y@mwzb.com	ful.		
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CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2:	E DATA (703)243 <i>be sent via US</i> 7032436 guernse e: Millen, V 2200 Cla #1400	3-6412 <i>Mail when the fax attempt is unsuccessi</i> 3333 y@mwzb.com Vhite, Zelano & Branigan, P.C. arendon Blvd.	ful.		
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### PATENT REEL: 024354 FRAME: 0927

PATENT REEL: 024354 FRAME: 0928

# ASSIGNMENT

ATTY. DOCKET NO.

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

#### Process for the Preparation of Coated Phosphors

and for which one or more of the following apply:

U.S. Provisional Application Serial No.,

X

B

X

No. was filed in the United States Patent and Trademark Office on

A U.S. Non-Provisional

application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date. Application Serial No.12741945 for Letters Patent was filed in the U.S. Patent and Trademark Office on May 7, 2010. as International Application No. was filed on , designating the United States.

PCT/EP2008/008608 filed on 11.10.2008

AND WHEREAS

MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG Darmstadt, Germany

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filling or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all renewals, reexaminations and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reexaminations and extensions thereof, any and all Letters Patent which may be granted therefor, provide and all arriter priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, in any and all renewals, reissues in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to property record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

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201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
WINKLER, Holger	T-W	08.03.2010
202 FULL NAME OF SECOND JOINT INVENTOR	A INVENTOR'S SIGNATURE	DATE
PETRY, Ralf	1200 TUN	.08.03.2010
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RUEGER, Reinhold	K. Kugar	08.03.2010
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
VOSGROENE, Tim		08.03.2010
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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209 FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
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PATENT REEL: 024354 FRAME: 0929

**RECORDED: 05/07/2010**