## PATENT ASSIGNMENT

## Electronic Version v1.1

Stylesheet Version v1.1

NATURE OF CONVEYANCE:     ASSIGNMENT       CONVEYING PARTY DATA       Imathan T. Allen     Data       Addrew G. Batzall     04/01/2010       Andrew G. Batzall     04/01/2010       Karl A. Bromm     04/01/2010       Ward T. Brown     03/31/2010       RECEIVING PARTY DATA       Name:     Rohm and Haas Company       Street Address:     100 Independence Mall West       Internal Address:     100 Independence Mall West       Internal Address:     100 Independence Mall West       Internal Address:     19106       PROPERTY NUMBERS Total:     Immeri 12800591       CORRESPONDENCE DATA       Correspondence will be sent to the e-mail address first; if that is unsuccesshul, if will be sent via US Kall       Correspondence will be sent to the e-mail address first; if that is unsuccesshul, if will be sent via US Kall       Correspondence will be sent to the e-mail address first; if that is unsuccesshul, if will be sent via US Kall       Correspondence will be sent to the e-mail address first; if that is unsuccesshul, if will be sent via US Kall       Correspondence will be sent to the e-mail address first; if that is unsuccesshul, if will be sent via US Kall       Correspondent Name:       The Dow Chemical Company       Address Line 2:       Patent Department	SUBMISSION TYPE:		NEW ASSIGNMENT			
Name       Execution Date         Nathan T. Allen       04/01/2010         Andrew G. Batzell       04/01/2010         Karl A. Bromm       04/01/2010         Ward T. Brown       03/31/2010         RECEIVING PARTY DATA       03/31/2010         Receiving Party DatA       Internal Haas Company         Btreet Address:       100 Independence Mall West         Internal Address:       Patent Department         City:       Philadelphia         Bttel/Country:       PENNSYLVANIA         Postal Code:       19106         Number         Application Number:       12800591         CORRESPONDENCE DATA         Fax Number:       215/592-3519         Email:       RoWHille@dow com         Correspondent with be sent to the e-mail address first; if that is unsuccessful, if will be sent via US         Madiress Line 1:       100 Independence Mall West         Address Line 1:       100 Independence Mall West         Address Line 1:       010 Independenc	NATURE OF CONVEYANCE:		ASSIGNMENT			
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## ASSIGNMENT

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WHEREAS, Nathan T. ALLEN of 725 Wolcott Drive, Philadelphia, PA 19118; Andrew G. BATZELL of 654 Rector Street, Philadelphia, PA 19128; Karl A. BROMM of 3725 Lower Mountain Road, Forest Grove, PA 18922 and Ward T. BROWN of 1203 Barbara's Court, North Wales, PA 19454 (hereafter Assignors), invented certain new and useful improvements in **OPACIFYING PIGMENT PARTICLE** (hereafter "INVENTION") for which on the date below Assignor executed an application for Letters Patent of the United States of America;

WHEREAS at the time the INVENTION was made, Assignor was under an obligation to assign all right, title and interest in Assignor's INVENTION to ROHM AND HAAS COMPANY, a Delaware corporation having its principal place of business at 100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, which wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS COMPANY, for the United States of America, its territorial possession, and for all foreign countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, or similar protection, including any continuations. divisional, renewal, substitute, reissue or improvement applications, and to claim International Convention priority, in all such foreign countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, continuation-in-part. reissue and foreign applications, and make all rightful oaths and declaration relating to the INVENTION, requested by the ROHM AND HAAS COMPANY: and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS COMPANY for its sole use and benefit and for its successors and assigns, to the full end of the term or terms for which said Letters Patent may be granted.

Assignor authorizes and requests insertion herein of the Serial Number \_\_\_\_\_\_ and filing date \_\_\_\_\_\_ of said application when officially known.

DN 69697

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature(s).

41110

Nathan T. ALLEN

: SS.

Date

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF MANTGONERY

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Date

Notary Public

/Andrew G. BATZELL

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COUNTY OF Montgomery

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Member, Pennsylvania Association of Notarias

PATENT REEL: 028908 FRAME: 0266

DN 69697 2010 Karl A. BROMM COMMONWEALTH OF PENNSYLVANIA : SS. COUNTY OF Montaneus Karl A. BROMM personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this \_\_\_\_\_ day of SEA DOMINONWEALTH OF PENNSYLVANIA Notarial Seal Denise M. Servinghoff, Notary Public Lower Gwynedd Twp., Montpamery County My Commission Expires Oct. 14, 2011 Maminal, Ponnaylvania Association of Notarias 3/31/10 Date Ward T. BROWN COMMONWEALTH OF PENNSYLVANIA Notarial Seel COMMONWEALTH OF PENNSYLVANIA : Denise M. Benningholf, Notary Public : SS. Lower Owynedd Twp., Montpornery County My Commission Expline Oct. 14, 2011 COUNTY OF Mintanner \$. Member, Pennsylvania Association of Notaries Ward T. BROWN personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this 3/ day of ....., 2010. Ceneses ( . And and the second strained SEAL Notary Public COMMONWEALTH OF PENNSYLVANIA Notantal Seed Denise M. Benninghoff, Notary Public Lower Gwynedd Twp., Montgomery County

PATENT REEL: 028908 FRAME: 0267

**RECORDED: 09/06/2012** 

My Commission Explose Oct. 14, 2011 Member, Pennsylvania Association of Notaries