

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4114148

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD Q. RUFFER	10/20/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PERFORMANCE CHEMICALS, INC.
<b>Street Address:</b>	4193 HILL TERRACE DRIVE
<b>City:</b>	SINKING SPRING
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19608
<b>Name:</b>	MARUBENI SPECIALTY CHEMICALS, INC.
<b>Street Address:</b>	10 BANK STREET
<b>Internal Address:</b>	SUITE 740
<b>City:</b>	WHITE PLAINS
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10606
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14865405
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	MARY@ROCKHILLPATENTS.COM
<b>Correspondent Name:</b>	ALVIN T. ROCKHILL
<b>Address Line 1:</b>	P.O. BOX 1283
<b>Address Line 4:</b>	BATH, OHIO 44210
<b>ATTORNEY DOCKET NUMBER:</b>	PCI-1-B
<b>NAME OF SUBMITTER:</b>	ALVIN T. ROCKHILL
<b>SIGNATURE:</b>	/alvin t. rockhill/
<b>DATE SIGNED:</b>	10/26/2016
<b>Total Attachments: 2</b>	

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Docket No. PCI-1-B  
Serial No. 14/865,405  
Filed 09/25/2015

### ASSIGNMENT

WHEREAS, I, Ronald Q. Ruffer of 4193 Hill Terrace Drive, Sinking Spring, PA 19608, have invented certain improvements in **NOVEL DEVELOPER FOR THERMAL RECORDING MEDIA AND THERMAL COMPOSITION MEDIA USING THE SAME**, and described in a patent application executed on September 21, 2015 by the undersigned for filing in The United States of America, being owner of all right, title and interest in and to said application and in and to any invention described therein and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, PERFORMANCE CHEMICALS, INC., of 4193 Hill Terrace Drive, Sinking Spring, PA 19608, U.S.A., a corporation of the State of Pennsylvania ("PCI") is desirous of acquiring an undivided one-half interest in and to said application and said invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth;

WHEREAS, MARUBENI SPECIALTY CHEMICALS, INC., of 10 Bank Street, Suite 740, White Plains, NY, 10606, U.S.A., a corporation of the State of Delaware ("MARUBENI") is desirous of acquiring an undivided one-half interest in and to said application and said invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth; and

NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned, the undersigned does hereby sell, assign, transfer and set over unto PCI, its successors and assigns, an undivided one-half interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also an undivided one-half interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned does hereby sell, assign, transfer and set over unto MARUBENI, its successors and assigns, an undivided one-half interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also an undivided one-half interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

PCI and MARUBENI are not authorized or permitted to make products or to import products, to make compositions or to import compositions, or to practice methods covered by any patents which are assigned hereby without the written approval of the other party hereto. It is further understood that PCI and MARUBENI are not authorized to license third parties under any patents which are assigned hereby without the written approval of the other party hereto and that any royalties and other compensations paid by third parties under the terms of any such licenses shall be equally shared by PCI and Marubeni.


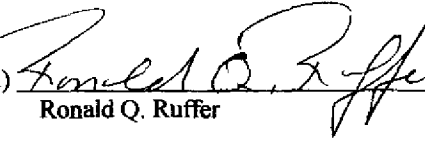
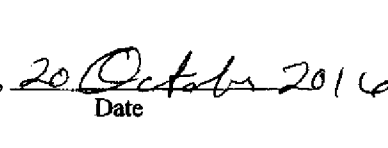
The undersigned further agrees to execute all divisional, continuing, substitute, improvement, extension, reissue

and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to myself, which the assignees may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

- (1) Prompt execution of all lawful oaths, affidavits and/or supplemental oaths required or deemed advisable by the assignee to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;
- (2) To cooperate to the best of my ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in opposition, nullification or infringement proceedings involving the said invention or improvement, applications or patents or any of them.

The undersigned hereby authorizes said assignee to insert in this Assignment the serial number and filing date of the above-identified application when known.

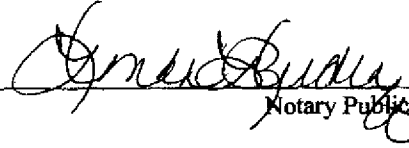
IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.

 (WITNESS)
  Ronald Q. Ruffer
  20 October 2016

State of PENNSYLVANIA )  
 County of BERKS ) SS:

On this 20 day of OCTOBER, 2016, before me personally appeared Ronald Q. Ruffer to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledge the signing of same as his free act and deed.

COMMONWEALTH OF PENNSYLVANIA  
 NOTARIAL SEAL  
 Linda L. Rudloff, Notary Public  
 Sinking Spring Boro, Berks County  
 My Commission Expires April 16, 2020  
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

  
 Notary Public