

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anu CHOPRA</td> <td>04/05/2012</td> </tr> <tr> <td>David B. KNOWLES</td> <td>04/05/2012</td> </tr> <tr> <td>Huayun YU</td> <td>05/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Anu CHOPRA	04/05/2012	David B. KNOWLES	04/05/2012	Huayun YU	05/07/2012		
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<table border="1"> <tr> <td>Name:</td> <td>TRANSITIONS OPTICAL, INC.</td> </tr> <tr> <td>Street Address:</td> <td>9251 Belcher Road</td> </tr> <tr> <td>City:</td> <td>Pinellas Park</td> </tr> <tr> <td>State/Country:</td> <td>FLORIDA</td> </tr> <tr> <td>Postal Code:</td> <td>33782</td> </tr> </table>		Name:	TRANSITIONS OPTICAL, INC.	Street Address:	9251 Belcher Road	City:	Pinellas Park	State/Country:	FLORIDA	Postal Code:	33782
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CORRESPONDENCE DATA											
<p>Fax Number: (412)434-4292</p> <p>Phone: 412--434-2922</p> <p>Email: altman@ppg.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: PPG Industries, Inc.</p> <p>Address Line 1: One PPG Place - 39th Floor</p> <p>Address Line 2: Law Department - Intellectual Property</p> <p>Address Line 4: Pittsburgh, PENNSYLVANIA 15272-0001</p>											
ATTORNEY DOCKET NUMBER:	08005892P1										
NAME OF SUBMITTER:	Deborah M. Altman										
Total Attachments: 5											

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ASSIGNMENT

IN CONSIDERATION of good and valuable considerations received from **TRANSITIONS OPTICAL, INC.**, a Delaware corporation, having a place of business at Pinellas Park, Florida, and intending to be legally bound hereby, I,

<u>NAME</u>	<u>CITY</u>	<u>COUNTY</u>	<u>STATE</u>
Anu Chopra	Pittsburgh	Allegheny	Pennsylvania
David B. Knowles	Apollo	Allegheny	Pennsylvania
Huayun Yu	Monroeville	Allegheny	Pennsylvania

do hereby sell, assign and set over unto **TRANSITONS OPTICAL, INC.**, the entire right, title and interest in and to my invention entitled:

**PHOTOCHROMIC MATERIALS THAT INCLUDE 6-AMINO
SUBSTITUTED INDENO-FUSED NAPHTHOPYRANS**

as set forth in our application for Letters Patent of the United States of America, executed by

Anu Chopra on 04/5/2012,
David B. Knowles on 04/05/2012 and
Huayun Yu on 05/07/2012

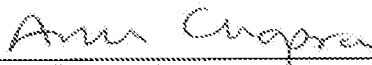
in and for the United States and all foreign countries, the same to be held and enjoyed by **TRANSITIONS OPTICAL, INC.**, its successors, assigns, or legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made by us.

AND WE HEREBY AUTHORIZE **TRANSITIONS OPTICAL, INC.**, to make application for and to receive Letters Patent for said invention in any or all foreign countries in its own name, or in any name, at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to said invention and Letters Patent; and that we will at any time, upon the request and at the expense of **TRANSITIONS OPTICAL, INC.**, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor, in **TRANSITIONS OPTICAL, INC.**, its successors, assigns, or other legal representatives, and that we will, at any time, upon the request and at the expense of **TRANSITIONS OPTICAL, INC.**, testify in any legal proceeding, sign all lawful papers, execute any additional, divisional, continuing or reissue applications for patents for said invention, or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid **TRANSITIONS OPTICAL, INC.**, its successors, assigns, or other legal representatives to obtain and enforce patent protection on said invention in all countries, without further compensation, but at the expense of **TRANSITIONS OPTICAL, INC.**, its successors, assigns, or other legal representatives.

AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, or resulting from said application, or from any division, reissue, or extension thereof, to **TRANSITIONS OPTICAL, INC.**, as sole assignee.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.


ANU CHOPRA

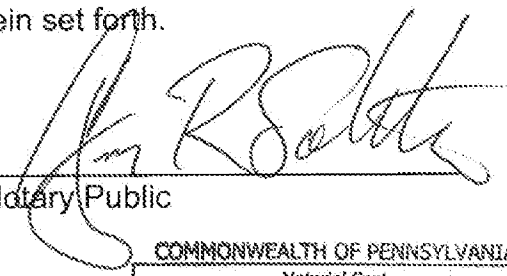
COMMONWEALTH OF PENNSYLVANIA

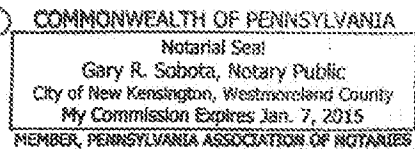
COUNTY OF ALLEGHENY

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On this 5 day of April, 2012, appeared before me in person the above **ANU CHOPRA** and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.


Notary Public



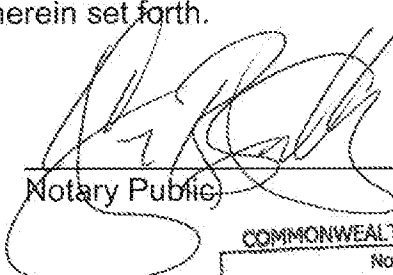

DAVID B. KNOWLES

COMMONWEALTH OF PENNSYLVANIA)

COUNTY OF ALLEGHENY)

SS

On this 5 day of April, 2012, appeared before me in person the above **DAVID B. KNOWLES** and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.


Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Gary R. Sokota, Notary Public
City of New Kensington, Westmoreland County
My Commission Expires Jan. 7, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES



HUAYUN YU

COMMONWEALTH OF PENNSYLVANIA

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ss

COUNTY OF WESTMORELAND

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On this _____ day of _____, 2012, appeared before me in person the above **HUAYUN YU** and acknowledged the above to be his signature, and that he signed, sealed and delivered the above instrument as his voluntary act and deed and for the purposes herein set forth.

Notary Public