PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ruisong XU	10/06/2011
Xiao-Man DAI	10/06/2011
Anil KUMAR	10/06/2011
Meng HE	10/06/2011
Chenguang LI	10/06/2011
Rachael L. YOEST	10/06/2011

RECEIVING PARTY DATA

Name:	TRANSITIONS OPTICAL, INC.
Street Address:	9251 Belcher Road
City:	PINELLAS PARK
State/Country:	FLORIDA
Postal Code:	33782

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13204861

CORRESPONDENCE DATA

Fax Number: (412)434-4292 Phone: 412-434-2918

ccalderone@ppg.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

501691000

Correspondent Name: PPG INDUSTRIES INC

Address Line 1: ONE PPG PLACE - 39TH FLOOR

Address Line 2: LAW DEPARTMENT - INTELLECTUAL PROPERTY Address Line 4: PITTSBURGH, PENNSYLVANIA 15272-0001

07004822P3P3 ATTORNEY DOCKET NUMBER:

PATENT

REEL: 027061 FRAME: 0381

NAME OF SUBMITTER:	Deborah M. Altman
Total Attachments: 8	
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PATENT REEL: 027061 FRAME: 0382

ASSIGNMENT

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

NAME	CITY	COUNTY	<u>STATE</u>
Ruisong Xu	Monroeville	Allegheny	Pennsylvania
Xiao-Man Dai	Export	Westmoreland	Pennsylvania
Anil Kumar	Murrysville	Westmoreland	Pennsylvania
Meng He	Murrysville	Westmoreland	Pennsylvania
Chenguang Li	Monroeville	Allegheny	Pennsylvania
Rachael L. Yoest	Gibsonia	Allegheny	Pennsylvania

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

MESOGENIC STABILIZERS

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

Ruisong Xu on September _______, 2011,

Xiao-Man Dai on September 6, 2011,

Anil Kumar on September 6, 2011,

Meng He on September 6, 2011

Rachael L. Yoest on September _ _ _ , 2011

PATENT REEL: 027061 FRAME: 0383 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.

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

RUISONG XŬ

COMMONWEALTH OF PENNSYLVANIA) } ss
COUNTY OF Alleghney)
On this 6 day of September , 2011	anneared before me in person the
above RUISONG XU and acknowledged the abo	
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. Sobota, Notary Public
City of New Kensington, Westmoreland County
My Commission Expires Jan. 7, 2015

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

XIAO-MAN DAI

COMMONWEALTH OF PENNSYLVANIA)) ss
COUNTY OF ALLEGHENY)
On this day of September, 2 above XIAO-MAN DAI and acknowledged the	2011, appeared before me in person the eabove to be his signature, and that he
signed, sealed and delivered the above instrun	nent as his voluntary act and deed and
for the purposes herein set forth.	Notary Public

COMMONWEALTH OF PENNSYLVANIA

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

Ani Mumon
ANIL KUMAR

COMMONWEALTH OF PENNSYLVANIA)	SS
COUNTY OF ALLEGHENY)	33
On this day of Septemb er,	2011, appe	eared before me in person the
above ANIL KUMAR and acknowledged the	above to	be his signature, and that he
signed, sealed and delivered the above instrui	ment as hi	s voluntary act and deed and
for the purposes herein set forth.	Notary Pu	Lalle blic
		COMMONWEALTH OF PENNSYLVANIA Notarial Seel Gary R. Sobota, Notary Public City of New Kensington, Westmoreland County My Commission Expires Jan. 7, 2015 MEMBER, PENNSYLVANIA ASSOCIATION OF KOTARIES

Meng HE

COMMONWEALTH OF PENNSYLVANIA

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

COMMONWEALTH OF PENNSYLVANIA)) ss
COUNTY OF ALLEGHENY)
On this day of Septembe r, 2	2011, appeared before me in person the
above MENG HE and acknowledged the al	pove to be his signature, and that he
signed, sealed and delivered the above instrur	nent as his voluntary act and deed and
for the purposes herein set forth.	Notary Public

-6-

Chenguary 1

COMMONWEALTH OF PENNSYLVANIA)	ss
COUNTY OF ALLEGHENY)	33
On this day of September ,	2011, appea	ared before me in person the
above CHENGUANG LI and acknowledged t	he above to	be his signature, and that he
signed, sealed and delivered the above instru	ment as his	voluntary act and deed and
for the purposes herein set forth.	Notary Rubi	20dd ic
		COMMONWEALTH OF PENNSYLVANIA Notarial Seal Gary R. Sobota, Notary Public City of New Kensington, Westmoreland County My Commission Expires Jan. 7, 2015 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTAINES

Lachael G. Yolet.

RACHAEL L. YOEST

COMMONWEALTH OF PENNSYLVANIA)) ss
COUNTY OF ALLEGHENY)
On this day of September, 2011,	
above RACHAEL L. YOEST and acknowledged to	
that she signed, sealed and delivered the above in deed and for the purposes herein set forth.	strument as her voluntary act and

Notary Rublic

COMMONWEALTH OF PENNSYLVANIA

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