

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4943098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASHTOSH P GANJOO	04/27/2018
SUDARSHAN NARAYANAN	04/24/2018
DENNIS J O'SHAUGHNESSY	04/30/2018
RECEIVING PARTY DATA	
Name:	VITRO FLAT GLASS LLC
Street Address:	VITRO GLASS TECHNOLOGY CENTER, 400 GUYS RUN ROAD
City:	CHESWICK
State/Country:	PENNSYLVANIA
Postal Code:	15024
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15669411
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	4128208030
Email:	mhouse@vitro.com
Correspondent Name:	MARCIA HOUSE
Address Line 1:	VITRO GLASS TECHNOLOGY CENTER
Address Line 2:	400 GUYS RUN ROAD
Address Line 4:	CHESWICK, PENNSYLVANIA 15024
ATTORNEY DOCKET NUMBER:	V15011253A1
NAME OF SUBMITTER:	ANDREW C. SIMINERIO
SIGNATURE:	/Andrew C. Siminerio/
DATE SIGNED:	05/02/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in **TRANSPARENT CONDUCTIVE OXIDE HAVING AN EMBEDDED FILM**, for which an application for a United States Patent was filed on August 4, 2017 and bears Application Number 15/669,411 (hereinafter "said application").

AND WHEREAS, VITRO FLAT GLASS LLC, a corporation having a place of business at 400 Guys Run Road, Cheswick, PA 15024, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.


NOW THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the "assignor(s)", do hereby assign, sell, and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and Improvements, that the same are unencumbered, the no license has been granted to make, use or vend the same inventions or improvements or any of them, and that I have the full right to make this Assignment.

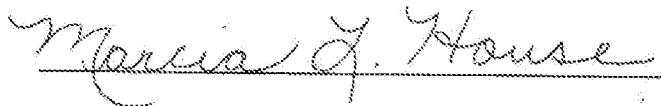
And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, non-provisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interest herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. Ashtosh P. Ganjoo

RESIDENCE: 5009 Apple Ridge Drive
Allison Park, PA 15101

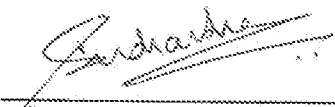

EXECUTED this 27th day of April, 2018

WITNESS:

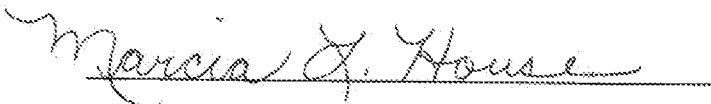

Name: MARCIA L. HOUSE

2. Sudarshan Narayanan

RESIDENCE: 5628 Hempstead Road
Apt. #201
Pittsburgh, PA 15217

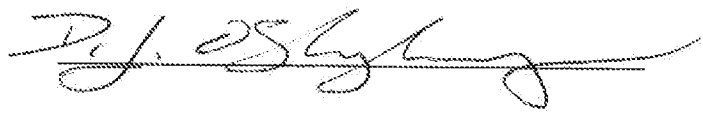


EXECUTED this 24th day of APRIL, 2017-2018

WITNESS:


Name: MARCIA L. HOUSE

3. Dennis J. O'Shaughnessy

RESIDENCE: 4219 Wembledon Drive
Allison Park, PA 15101


EXECUTED this 30th day of April, 2018


WITNESS:

Marcia L. House

Name: MARCIA L. HOUSE