

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

EPAS ID: PAT3396619

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
XIANGHUA ZHANG	02/03/2015
LAURENT CALVEZ	02/03/2015
HONG LI MA	02/03/2015
XIANPING FAN	01/25/2015
YANG XU	01/26/2015
ALAIN LAFOND	01/25/2015

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**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14409635

**CORRESPONDENCE DATA**

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**PATENT**

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<b>ATTORNEY DOCKET NUMBER:</b>	EG11085WO(US)
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<b>NAME OF SUBMITTER:</b>	MARK KUSNER
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<b>SIGNATURE:</b>	/mark kusner/
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<b>DATE SIGNED:</b>	06/15/2015
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**Total Attachments: 3**

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Practitioner's Docket No. EG11085WO(US)  
Applicant Ref: R09917AB JAZ/SZ

PATENT

For: U.S. Rights  
For: U.S. Application  
By: Inventors

#### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEES to ASSIGNORS of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

#### ASSIGNORS:

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hereby sell, assign and transfer to

ASSIGNEES:

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FRANCE  
Country of Formation: FRANCE

and the successors, assigns and legal representatives of the ASSIGNEES the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

**CHALCOGENIDE GLASS-CERAMICS WITH PHOTOELECTRIC PROPERTIES  
AND METHOD FOR MANUFACTURE THEREOF**

and which is found in (37 C.F.R. §3.21) U.S. patent application executed on even date herewith or [ ] in Application No. 14/409,635 filed on February 10, 2015 and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEES or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

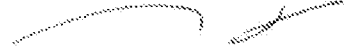
ASSIGNORS hereby grant the firm of Kusner & Jaffe the power to insert or complete on this assignment document any information, including application number and filing date, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Practitioner's Docket No. EG11085WO(US)  
Applicant Ref: B09917AB JAZ/SZ

PATENT

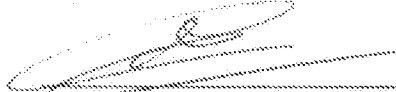
We have hereunto set hand on the date(s) set forth below.

Date: 3<sup>rd</sup> Feb. 2015



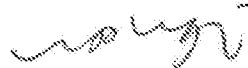
Signature of Xinghua ZHANG

Date: 3<sup>rd</sup> Feb. 2015



Signature of Laurent CALVEZ

Date: 3<sup>rd</sup> Feb. 2015



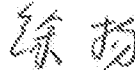
Signature of Hong Li MA

Date: 1/25/2015



Signature of Xianping FAN

Date: 1/26/2015



Signature of Yang XU

Date: 14 January 2015



Signature of Alain LAFOND