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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCHOTT AG	03/20/2012

RECEIVING PARTY DATA

Name:	Hellma Materials GmbH	
Street Address:	Moritz-von-Rohr-Strasse 1	
City:	Jena	
State/Country:	GERMANY	
Postal Code:	07745	

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	12899956
Application Number:	12899948
Application Number:	12899937
Application Number:	12859906

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: HELLMA

NAME OF SUBMITTER: Michael J. Striker

Total Attachments: 1 source=hellma#page1.tif

PATENT

REEL: 028026 FRAME: 0619

Assignment of United States Patent Applications

In the matter of:

United States Patent Applications

Serial No. 12/899,956 filed October 7, 2010 Serial No. 12/899,948 filed October 7, 2010 Serial No. 12/899,937 filed October 7, 2010 Serial No. 12/859,906 filed August 20, 2010

Owner of record (hereinafter "Assignor"): Schott AG Mainz, Germany

Hellma Materials GmbH (hereinafter "Assignee"): Jena, Germany

WHEREAS, the above-identified Assignor is the sole owner of record of the above-identified United States patent applications, and;

WHEREAS, the above-identified Assignee is desirous of acquiring the entire right, title and interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by both parties, Assignor, by these presents does sell, assign and transfer unto said Assignee the entire right, title and interest in and to said patent applications; the same to be held and enjoyed by the said Assignee for its own use and behoof, and for its legal representatives and assigns, to the full end of the term for which said patent applications are granted as fully and entirely as the same would have been held by Assignor had this assignment not been made.

Dated: March 20, 2012

Dated: March 20, 2012

Schott AG

ppa. Thomas Harbach Authorized Officer

ppa. Wolfgang Wentzel Authorized Officer'

Daniela Wittenstein

PATENT REEL: 028026 FRAME: 0620

RECORDED: 04/11/2012