

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hans-Walter Abraham</td> <td>07/04/2007</td> </tr> <tr> <td>Armin Zehner</td> <td>07/09/2007</td> </tr> <tr> <td>Gernot Frei</td> <td>07/04/2007</td> </tr> <tr> <td>Hans-Juergen Klein</td> <td>07/03/2007</td> </tr> <tr> <td>Thomas Niklos</td> <td>07/03/2007</td> </tr> <tr> <td>Ulrich Zirfas</td> <td>07/08/2007</td> </tr> <tr> <td>Willi Mattheis</td> <td>07/03/2007</td> </tr> </tbody> </table>		Name	Execution Date	Hans-Walter Abraham	07/04/2007	Armin Zehner	07/09/2007	Gernot Frei	07/04/2007	Hans-Juergen Klein	07/03/2007	Thomas Niklos	07/03/2007	Ulrich Zirfas	07/08/2007	Willi Mattheis	07/03/2007
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;"><b>Name:</b></td> <td>Schott AG</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Hattenbergstr. 10</td> </tr> <tr> <td><b>City:</b></td> <td>Mainz</td> </tr> <tr> <td><b>State/Country:</b></td> <td>GERMANY</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>55122</td> </tr> </table>		<b>Name:</b>	Schott AG	<b>Street Address:</b>	Hattenbergstr. 10	<b>City:</b>	Mainz	<b>State/Country:</b>	GERMANY	<b>Postal Code:</b>	55122						
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<b>CORRESPONDENCE DATA</b>																	
Fax Number: (248)641-0270 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 248-641-1600 Email: bgoyke@hdp.com Correspondent Name: Harness, Dickey & Pierce, P.L.C. Address Line 1: P.O. Box 828 Address Line 4: Bloomfield Hills, MICHIGAN 48303																	
<b>ATTORNEY DOCKET NUMBER:</b>	4965-000302																

CH \$40.00 11801097

NAME OF SUBMITTER:

Christopher M. Brock

Total Attachments: 8

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P 2963 US

US Attorney Docket No.: 4965-000302  
EP Attorney Docket No.: 4823P171US

ASSIGNMENT

The undersigned, hereinafter referred to collectively as Assignor, for good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer to:

Schott AG  
Hattenbergstr. 10  
55122 Mainz  
Germany

a German Corporation (hereinafter referred to as Assignee), its successors, assigns and legal representatives, the entire right, title and interest in the United States in and to all subject matter invented by Assignor and disclosed and claimed in an application for Letters Patent of the United States of America

executed on even date herewith ( \_\_\_\_\_ ); or

Serial No. 11/801,097, filed on May 8, 2007

entitled:

METHOD OF PRODUCING REFLECTORS FROM GLASS OR GLASS CERAMICS

and signed by us on the date set forth below;

and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request that the Patent Office Officials in the United States issue any and all of said Letters Patent or similar documents, when granted, to said Assignee, as the Assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said Assignee, its successors and assigns.

Further, we agree that we will communicate to said Assignee, or its representatives, any facts known to me respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuations, substitutions, and renewal reexamination and reissue applications, execute all necessary Assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything necessary or desirable to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

The undersigned hereby authorizes the firm of HARNESS, DICKEY & PIERCE, P.L.C. Attorneys and Counselors to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the United States Patent Office.

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

Hans-Walter Abraham  
Hans-Walter ABRAHAM

4. Juli 2007  
Dated

Ingeborg Brinker  
First Witness

[Signature]  
Second Witness

\_\_\_\_\_  
Armin ZEHNER

\_\_\_\_\_  
Dated

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
Gernot FREI

\_\_\_\_\_  
Dated

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
Hans-Juergen KLEIN

\_\_\_\_\_  
Dated

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

In Testimony Whereof, I hereunto set my hand.

SIGNATURES

\_\_\_\_\_  
Hans-Walter ABRAHAM

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Second Witness

x Armin Zehner  
Armin ZEHNER

x 1. Josef Zehner  
First Witness

x 09.02.02  
Dated

x 2. Brigitte Zehner  
Second Witness

\_\_\_\_\_  
Gernot FREI

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
Hans-Juergen KLEIN

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Second Witness

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Hans-Walter ABRAHAM

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Armin ZEHNER

\_\_\_\_\_  
Dated

X *Gernot Frei*  
\_\_\_\_\_  
Gernot FREI

X *Juny 04 2007*  
\_\_\_\_\_  
Dated

\_\_\_\_\_  
Hans-Juergen KLEIN

\_\_\_\_\_  
Dated

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

X *J. Gross*  
\_\_\_\_\_  
First Witness

X *[Signature]*  
\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

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\_\_\_\_\_  
Dated

\_\_\_\_\_  
Gernot FREI

\_\_\_\_\_  
Dated

  
\_\_\_\_\_  
Hans-Juergen KLEIN

X 03.07.2007  
\_\_\_\_\_  
Dated

\_\_\_\_\_  
First Witness


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Second Witness

\_\_\_\_\_  
First Witness

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Second Witness

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First Witness

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Second Witness

X   
\_\_\_\_\_  
First Witness

X W. Plet  
\_\_\_\_\_  
Second Witness

US Attorney Docket No.: 4965-000302  
EP Attorney Docket No.: 4823P171US

X Thomas NIKLOS  
Thomas NIKLOS

X 03.07.2004  
Dated

Ulrich ZIRFAS

Dated

Willi MATTHEIS

Dated

X [Signature]  
First Witness

X W. Plety  
Second Witness

First Witness

Second Witness

First Witness

Second Witness



US Attorney Docket No.: 4965-000302  
EP Attorney Docket No.: 4823P171US

\_\_\_\_\_  
Thomas NIKLOS

\_\_\_\_\_  
Dated

*Ulrich Zirfas*  
\_\_\_\_\_  
Ulrich ZIRFAS

\_\_\_\_\_  
Ulrich ZIRFAS

*08.07.07*  
\_\_\_\_\_  
Dated

\_\_\_\_\_  
Dated

\_\_\_\_\_  
Willi MATTHEIS

\_\_\_\_\_  
Dated

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

*J. Gross*  
\_\_\_\_\_  
First Witness

\_\_\_\_\_  
First Witness

*08.07.07*  
\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
Second Witness

\_\_\_\_\_  
First Witness

\_\_\_\_\_  
Second Witness

US Attorney Docket No.: 4965-000302  
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Thomas NIKLOS

Dated

Ulrich ZIRFAS

Dated

X *Willi Mattheis*

Willi MATTHEIS

X 03.07.2007

Dated

First Witness

Second Witness

First Witness

Second Witness

X *J. Gross*

First Witness

*[Signature]*

Second Witness