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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Dr. Andreas Langsdorf (27 August 2001) Schott Glas Dr. Hildegard Romer (28 August 2001) Hattenbergstrasse 10 55122 Mainz Germany Additional name(s) of conveying party(ies) attached?

Yes

No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: See above. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Unknown Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): John J. Gresens Enclosed Name: Merchant & Gould P.C. Authorized to be charged to deposit account Address: P.O. Box 2903 8. Please charge any additional fees or credit any Minneapolis, MN 55402-0903 overpayments to our Deposit account number: 13-2725 PATENT TRADEMARK OFFICE DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 10 September 2001 John J. Gresens Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Box Assignments** Director - U.S. Patent and Trademark Office Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Production Period (1051) Washington, D.C. 202031.

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Reduction Project (0651-0011), Washington, D.C. 20503.

PATENT REEL: 012174 FRAME: 0115

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS.

Inventor(s) Name, Address, Citizenship

1. Dr. Andreas Langsdorf residing at Paul-Heyse-Str. 35, 60431 Frankfurt, Germany and a citizen of Germany;

2. Dr. Hildegard Romer residing at Heidegasse 9, 61184 Karben. Germany and a citizen of Germany;

Date Patent Declaration Signed and Title Serial No. and filing date (if known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on invention, which application is entitled Process for the heating of half-finished glass above the adhesion temperature and which has been given Serial Number and the filing date of ____;

Name of Corporation

AND WHEREAS Schott Glas (herein called "ASSIGNEE"), a corporation organized under the laws of Germany, and having an office and place of business at Hattenbergstrasse 10, 55122 Mainz, Germany

State or Country of Incorporation and Address wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

Dr. Hildegard Romer

RECORDED: 09/10/2001

PATENT REEL: 012174 FRAME: 0116