

PATENTS ONLY	(Rev. 03/ 01) OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: I 1. Name of conveying party(ies): WITZMANN, Andre; TRINKS, Ulla	U.S. Patent and Trade S ONLY Please record the attached original documents or cop 2. Name and address of receiving party(ies)
1. Name of conveying party(ies): WITZMANN, Andre; TRINKS, Ulla 3.26 03 Additional name(s) of conveying party(ies) Additional name(s) of conveying party(ies) Assignment Security Agreement Other Execution Date: October 17, 1995 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): A dditional numbers attached? Yes Additional number of applications and patents involved: Name: James R. Crawford Internal Address: Theodor-Schmidt-Str. 25 Theodor-	Name of conveying party(ies): WITZMANN, Andre; TRINKS, Ulla	2. Name and address of receiving party(ies)
Additional name(s) of conveying party(ies)	WITZMANN, Andre; TRINKS, Ulla	
Additional name(s) of conveying party(les)		Name: SCHOTT-ROHRGLAS GmbH
Additional name(s) of conveying party(les) Additional name(s) of conveying party(les) Additional name(s) of conveying party(les) Assignment Security Agreement Change of Name City: Bayreuth State: Germany Zip: Descrity Additional name(s) & address(es) attached: Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): B. Patent No.(s): 5,902,368 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Crawford Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue 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 cois a true copy of the original document. March 26, 2	3.2603	
Additional name(s) of conveying party(ies) 3. Nature of Conveyance: X Assignment Security Agreement Other Execution Date: October 17, 1995 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Crawford 7. Total fee (37 CFR 3.41) Street Address: Theodor-Schmidt-Str. 25 Additional name(s) & address(es) attached: Yes		
Assignment		
X Assignment		Theodor-Schmidt-Str. 25
Security Agreement Change of Name Other Execution Date: October 17, 1995 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): A. Patent Application No.(s): A. Patent Application No.(s): State: Germany Additional name(s) & address(es) attached: Yes I B. Patent No.(s): 5,902,368 Additional numbers attached? Yes I No 6. Total number of applications and patents involved: Name: James R. Crawford Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue City: Bayreuth State: Germany Additional name(s) & address(s) attached: Is Patent No.(s): 5,902,368 6. Total number of applications and patents involved: Total fee (37 CFR 3.41) X Enclosed Authorized to be charged to deposit of (Form 2038 enclosed) Authorized to be charged to credit to (Form 2038 enclosed) 8. Deposit account number: To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. James R. Crawford March 26, 2	3. Nature of Conveyance:	
Security Agreement Change of Name Other Execution Date: October 17, 1995 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): B. Patent No.(s): 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Crawford Name: James R. Crawford Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 6666 Fifth Avenue State: Germany Additional name(s) & address(s) attached: Ves IN B. Patent No.(s): 5,902,368 7. Total number of applications and patents involved: X Enclosed Authorized to be charged to deposit Authorized to be charged to deposit Crown 2038 enclosed) 8. Deposit account number: City: New York NY 10103 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 co is a true copy of the original document. James R. Crawford March 26, 2	X Assignment Merger	rt1
State: Germany Zip: D-364 Execution Date: October 17, 1995 Additional name(s) & address(es) attached: Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): B. Patent No.(s): 5,902,368 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Crawford 7. Total number of applications and patents involved: Name: James R. Crawford 7. Total fee (37 CFR 3.41) \$ 40. X Enclosed Street Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue City: State: Zip: New York NY 10103 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 cois a true copy of the original document. James R. Crawford March 26, 2	Security Agreement Change of Name	
Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): Additional numbers attached? Additional number of applications and patents involved: Name: James R. Crawford 7. Total fee (37 CFR 3.41) Authorized to be charged to deposit Authorized to be charged to deposit Authorized to be charged to credit of (Form 2038 enclosed) 8. Deposit account number: 50-062 City: New York NY 10103 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 coris a true copy of the original document. James R. Crawford March 26, 2	Other	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): A. Patent Application No.(s): B. Patent No.(s): 5,902,368 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: James R. Crawford Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue State: Zip: New York State: Zip: New York NY 10103 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 cois a true copy of the original document. March 26, 2	Execution Date: October 17, 1995	Additional name(s) & Yes
concerning document should be mailed: Name: James R. Crawford Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue City: New York State: Zip: New York NY 10103 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 cois a true copy of the original document. March 26, 2		
Name: James R. Crawford Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue City: New York State: Zip: New York 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 cois a true copy of the original document. James R. Crawford 7. Total fee (37 CFR 3.41) Authorized to be charged to deposit Authorized to be charged to credit of (Form 2038 enclosed) 8. Deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit Authorized to be charged to credit of (Form 2038 enclosed) 8. Deposit account number: 50-062 March 26, 2		
Internal Address: Atty. Dkt.: SCHT-203.1-CONT Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue City: New York 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 cois a true copy of the original document. James R. Crawford X Enclosed Authorized to be charged to deposit (Form 2038 enclosed) 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit (Attach duplicate copy of this page if paying by deposit account number: 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 cois a true copy of the original document. March 26, 2		
Street Address: Fulbright & Jaworski L.L.P. 666 Fifth Avenue City: New York State: Zip: NY 10103 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 cois a true copy of the original document. James R. Crawford Authorized to be charged to deposit Authorized to be charged to credit of (Form 2038 enclosed) 8. Deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposit a		· · · · · · · · · · · · · · · · · · ·
Fulbright & Jaworski L.L.P. 666 Fifth Avenue Authorized to be charged to deposit of the composition of the composition of the property of the composition of the charged to deposit of the charged to de	•	
City: New York State: Zip: NY 10103 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 cois a true copy of the original document. James R. Crawford (Form 2038 enclosed) 8. Deposit account number: 50-062 (Attach duplicate copy of this page if paying by deposition of the page if pa	Fulbright & Jaworski L.L.P.	
City: New York State: Zip: 10103 (Attach duplicate copy of this page if paying by deposite positions) 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 cois a true copy of the original document. James R. Crawford March 26, 2	666 Fifth Avenue	·
New York NY 10103 (Attach duplicate copy of this page if paying by deposite points) 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 coins a true copy of the original document. James R. Crawford March 26, 2	Cit.	8. Deposit account number: 50-062
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. James R. Crawford March 26, 2		(Attach duplicate copy of this page if paying by deposit
To the best of my knowledge and belief, the foregoing information is true and correct and any attached cois a true copy of the original document. James R. Crawford March 26, 2	DO NOT USE	THIS SPACE
James R. Crawford March 26, 2	9. Statement and signature.	
	To the best of my knowledge and belief, the foregoing infois a true copy of the original document.	formation is true and correct and any attached co
	James R. Crawford	m Klan / March 26 :

PATENT

40.00 OP

01 FC:8021

REEL: 013887 FRAME: 0769

Form PTO-1595 (Rev. 6-93) 10 31 95 02-12-	U.S. Department of Commerce Patent and Trademark Office
U4B No. 0651-0011 (exp. 186) ROOM	KINNIN 40 581 AJN
To the Honorable Commissioner of Pate 102/33	SCHT 203 PFF/VMF ctached original documents or copy thereof.
l jour 3	1
1. Name of conveying part	2. Name and address of receiving party(ies)
DR. ANDRE WITZMANN DR. ULLA TRINKS	Name: SCHOTT-ROHRGLAS GmbH
DR. GEER TRIBAG	Internal Address: THEODOR-SCHMIDT-STR. 25
	D-95448 BAYREUTH
Additional name(s) of conveying party(ies) attached? Yes No	GERMANY
3. Nature of conveyance 68764 U.S. PTO	Street Address:
Assignment Merger	or ecc ridgi edu.
02/08/96 Change of Name	City: State: Zip:
Other Execution Date:OCTOBER 17, 1995	Additional name(s) & address(es) attached? [] Yes 🕅 No
	Additional name(s) & addiess(es) attached: 1 ies & no
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: OCTOBER 31, 1995
A. Patent Application No.(s)	B. Patent No.(s)
A. Patent Application No.(s)	B. Patent No.(S)
Additional numbers attack	
Additional numbers attack	hed? Yes 🗷 No
Additional numbers attack 5. Name and address of party to whom correspondence	hed? 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:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$\frac{40.00}{}
5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$40.00
5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$40.00
5. Name and address of party to whom correspondence concerning document should be mailed: Name:FELFE & LYNCH	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00
Additional numbers attack 5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$40.00 Enclosed Authorized to be charged to deposit account
Additional numbers attack 5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$\frac{40.00}{2}\$ Enclosed Authorized to be charged to deposit account
Additional numbers attack 5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq. Street Address: 805 Third Avenue	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate of this page if paying by dep. acct.
Additional numbers attack 5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq. Street Address: 805 Third Avenue City: New York State: N.Y Zip: 10022 DO NOT USE THI	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate of this page if paying by dep. acct.
Additional numbers attack 5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq. Street Address: 805 Third Avenue City: New York State: N.Y Zip: 10022	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate of this page if paying by dep. acct.
5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq. Street Address: 805 Third Avenue City: New York State: N.Y. Zip: 10022 DO NOT USE THI 9. Statement and signature. To the best of my knowledge and belief, the foregoing informati	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate of this page if paying by dep. acct.
5. Name and address of party to whom correspondence concerning document should be mailed: Name:FELFE & LYNCH Internal Address:c/o Vincent M. Fazzari, Esq. Street Address:805 Third Avenue City:New York State:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate of this page if paying by dep. acct. IS SPACE on is true and correct and any attached copy is a true copy of OCTOBER 31, 1995 Date
5. Name and address of party to whom correspondence concerning document should be mailed: Name: FELFE & LYNCH Internal Address: c/o Vincent M. Fazzari, Esq. Street Address: 805 Third Avenue City: New York State: N.Y Zip: 10022 DO NOT USE THI 9. Statement and signature. To the best of my knowledge and belief, the foregoing informati the original document. Vincent M. Fazzari Name of Person Signing Signat	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate of this page if paying by dep. acct. IS SPACE on is true and correct and any attached copy is a true copy of Date eet, attachments, and document: OCTOBER 31, 1995 Date

REEL: 013887 FRAME: 0770

Docket No. <u>SCHT 203 PFF/VMF</u>

ASSIGNMENT

Whereas the undersigned [hereinafter (collectively) "ASSIGNOR"] have invented certain new and useful improvements in

I THOD FOR THE HEAT-SOFTENED SEVERANCE OF GLASS TUBES OR PLATES

for which an application for United States Letters Patent was executed concurrently herewith.

Whereas

SCHOTT-ROHRGLAS GmbH Theodor-Schmidt-Str. 25 D-95448 Bayreuth GERMANY

a German corporation (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in the same:

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is hereby acknowledged, and other good and valuable consideration, the said ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States.

Said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, as the assignee of the entire right, title, and interest in and to the same, for the sole use and for the use of its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by said ASSIGNOR had this assignment and sale not been made.

Witness, the hand and seal of the ASSIGNOR on the date(s) indicated.

Date(s)

Signature(s)

10/17/95

DR. ANDRÉ WITZMANN

10/17/95

A. TRINKS

FELFE & LYNCH, 805 Third Avenue, New York, N.Y. 10022 Tel. No. 212-688-9200

PATENT REEL: 013887 FRAME: 0771



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

MAY 05, 1996

PTAS

FELFE & LYNCH C/O VINCENT M. FAZZARI, ESQ. 805 THIRD AVENUE NEW YORK, NY 10022



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/31/1995

REEL/FRAME: 7790/0055

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WITZMANN, ANDRE

DOC DATE: 10/17/1995

ASSIGNOR:

TRINKS, ULLA

DOC DATE: 10/17/1995

ASSIGNEE:

SCHOTT-ROHRGLAS GMBH THEODOR-SCHMIDT-STR. 25 D-95448 BAYREUTH, FED REP GERMANY

SERIAL NUMBER: 08550780

PATENT NUMBER:

FILING DATE: 10/31/1995

ISSUE DATE:

PEARLENE FOSTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

RECORDED: 03/26/2003

PATENT REEL: 013887 FRAME: 0772