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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Atty Docket No.: 9350-0071-0X PCT

FORM PTO-1595  
1-31-92

05-06-1999



101031921

To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):  
Dr. Peter JENKNER, Dr. Rainer LOMOELDER, Peter SPEIER,  
Elmar STAEBLER, Alois FICKLER and Gerd BUCHMAYER

Name: 1) SIVENTO CHEMIE RHEINFELDEN GMBH  
2) OBERLAND GLAS AG  
Address: 1) Friedrichstrasse 48 D-79618 Rheinfelden,  
Federal Republic of Germany  
2) Oberlandstrasse 15 D-88410 Bad  
Wurzach, Federal Republic of Germany

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: December 2,2,2, November  
20,23, & 20, 1998

Additional name(s) and address(es) attached?  Yes  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: N/A

A. Patent Application No.(s)  
09/147,336

B. Patent No.(s)  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
OBLOM, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
Attorneys at Law  
Fourth Floor  
1755 Jefferson Davis Highway  
Arlington, Virginia 22202

6. Total applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 15-0030  
(Attach duplicate copy of this page if paying by deposit account)

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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.

Norman F. Oblon  
Name of Person Signing  
Registration Number: 24,618

Signature  
WILLIAM E. BEAUMONT

3-31-99  
Date

REGISTRATION NUMBER 30,996

Total number of pages including this cover sheet: 3

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04/02/1999 PVBLPE 00000014 09147336  
01 FC:561 40.00 00

PATENT  
REEL: 9923 FRAME: 0942

ASSIGNMENT

09/147,336

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

1. Dr. Peter Jenkner, Friedrich-Ebert-Straße 8/22, D-79618 Rheinfelden, Germany
2. Dr. Rainer Lomölder, Gigastraße 40 b, D-48153 Münster, Germany
3. Peter Speier, Hannkamp 13, D-45768 Marl, Germany

- for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- for which U.S. Application Serial No. 09/147,336 for Letters Patent was filed in the U.S. Patent and Trademark Office on December 04, 1998
- for which an International Application was filed on 28/03/1998 PCT/EP 98/01841 / designating the United States.

AND WHEREAS **SIVENTO CHEMIE RHEINFELDEN GMBH, Friedrichstraße 48  
D-79618 Rheinfelden, Federal Republic of Germany**

PROCESS FOR PRODUCING SURFACE-SEALED HOLLOW GLASS CONTAINERS

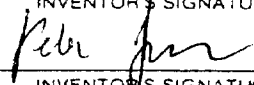
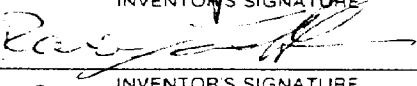
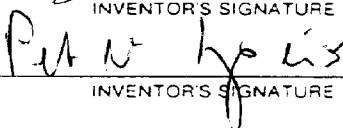
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereof, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable considerations, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE or its assigns or legal representative and to execute any other papers that may be needed in connection with filing said application and securing a Letters Patent thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201 FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
Dr. Peter Jenkner		02. DEZ. 1998
202 FULL NAME OF SECOND JOINT INVENTOR, IF ANY Dr. Rainer Lomölder		02. DEZ. 1998
203 FULL NAME OF THIRD JOINT INVENTOR, IF ANY Peter Speier		02. DEZ. 1998
204 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
205 FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF NINTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
210 FULL NAME OF TENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
212 FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE

**ASSIGNMENT**

09/147,336

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

1. Elmar Stäbler, Ravensburger Straße 52, D-88410 Bad Wurzach, Germany
2. Alois Fickler, Weilbach, D-87772 Pfaffenhausen, Germany
3. Gerd Buchmayer, Espenweg 26, D-88410 Bad Wurzach, Germany

- for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- for which U.S. Application Serial No. 09/147,336 for Letters Patent was filed in the U.S. Patent and Trademark Office on December 04, 1998
- for which an International Application was filed on 28/03/1998 PCT/EP 98/01841 / designating the United States.

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D-88410 Bad Wurzach, Federal Republic of Germany**

**PROCESS FOR PRODUCING SURFACE-SEALED HOLLOW GLASS CONTAINERS**


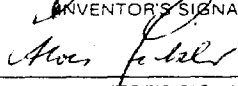
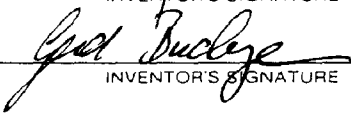
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereof, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable considerations, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE or its assigns or legal representative and to execute any other papers that may be needed in connection with filing said application and securing a Letters Patent thereon.

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IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201	FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
	Elmar Stäbler		20.11.1998
202	FULL NAME OF SECOND JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
	Alois Fickler		23.11.98
203	FULL NAME OF THIRD JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
	Gerd Buchmayer		20.11.1998
204	FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
205	FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
206	FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
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210	FULL NAME OF TENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
211	FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
212	FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE

**PATENT**

**RECORDED: 03/31/1999**

**REEL: 9923 FRAME: 0944**