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AS: 84.815

Señores

**SUPERINTENDENCIA DE INDUSTRIA  
DIVISION DE NUEVAS CREACIONES**

E. S. D.

Expediente No. 01 030.240 - Solicitud de Patente  
Fecha de recepción: 2001-07-19 16:51:12  
Número de expediente: 502 PATENTES y 1 RESISTENCIA AL REQUERIMIENTO  
División de Nuevas Creaciones

REF: Expediente No.01 030.240 – Solicitud de Patente

a favor de **OWENS - BROCKWAY GLASS CONTAINER INC.**

Titulada: **MONITOR DE FUSION DE VÁLVULA DE SOPLADO Y  
ENFERMIAMIENTO DE PARTE SUPERIOR**

RAMIRO CASTRO DUQUE, vecino de Bogotá, portador de la tarjeta profesional No. 1003, obrando como apoderado de la sociedad OWENS - BROCKWAY GLASS CONTAINER INC., según lo acredita el documento de poder protocolizado en esa División, bajo el No.13516, para dar cumplimiento al requerimiento notificado por fijación en lista el 24 de Mayo de 2001, y de acuerdo con los Artículos 38 y 39 de la Decisión 486 de la comisión de la Comunidad Andina, me permito anexar al presente escrito lo siguiente:

1. Documento donde consta la cesión del derecho a la Patente otorgado por el inventor al solicitante, debidamente apostillado.
2. Dibujos formales.
3. Artes finales (2 de 12 cm X 12 cm y 1 de 6 cm X 6 cm).
4. Extracto para publicación y Tarjeta de Archivo Temático.

Del señor Jefe atentamente,



**RAMIRO CASTRO DUQUE**

C.C. No. 170.322 de Bogotá

Código 340

Cra 7a. No. 16-56 Piso 9

Bogotá, Julio 03, 2001

CPB/hr.

FOLIO 53: TRAJETO ALHIVADO ATRÁS

FOLIO 54: GRUPO DE PUNTA CAN

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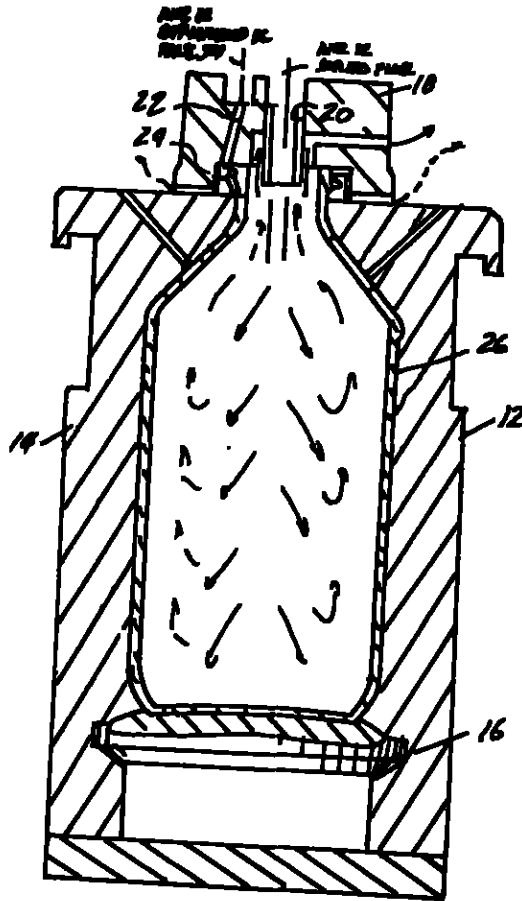
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'57.1) 3802700

cas@brigardycastro.com.co



84815 / 53

# APOSTILLE

(Convention de la Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by

J. BERNIE QUILTER

3. acting in the capacity of

Clerk of Court of Common Pleas

4. bears the seal/stamp of

Court of Common Pleas, Lucas County

## CERTIFIED

5. at Columbus, Ohio

6. June 7, 2001

7. by the Secretary of State of Ohio.

8. **№ 63970**

9. Seal/Stamp:

10. Signature:

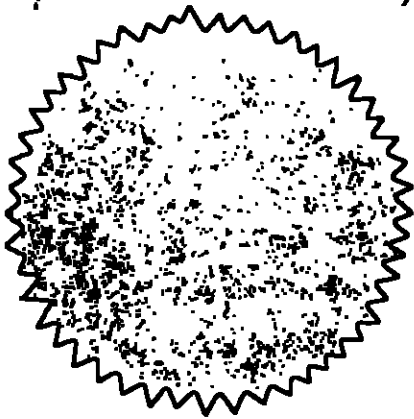


*J. Kenneth Blackwell*  
J. Kenneth Blackwell  
Secretary of State of Ohio

**NOTARY CERTIFICATE**

**THE STATE OF OHIO**  
**COUNTY OF LUCAS**

ss.



54  
J. Bernie Quilter, Clerk of the Common Pleas Court and Court of Appeals for the County of Lucas and State of Ohio, the same being a court of record, and having by LAW a Seal, do hereby certify that

Judith M. Schreiner

whose name is subscribed to the certificate of the proof of acknowledgment of the annexed instrument and thereon written, was, at the time of taking such proof and acknowledgment, a Notary Public, duly commissioned and sworn, and authorized by the laws of said State to take the acknowledgments and proofs of deeds or conveyances for lands, tenements or hereditaments in said State, to be recorded therein. And further, that I am well acquainted with the handwriting of such Notary Public, and verily believe that the signature to said certificate of proof or acknowledgment is genuine, that impression of seal of such officer is not required by law to be filed in my office, and the commission expires on the 2nd day of

February 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seal of the said Court and County, at Toledo, Ohio, May 9, 2001

(Date)

J. Bernie Quilter, Clerk of Courts

•  Clerk

**CERTIFIED COPY  
OF  
ASSIGNMENT**

I, JUDITH M. SCHREINER, a Notary Public In and for the State of Ohio, U.S.A., hereby certify that the attached document is a true copy of the Assignment made of an Improvement Invention for FINAL BLOW/FINISH COOLING VALVE FUNCTION MONITOR by its Inventor:

**ROBERT S. WACKE**

to Owens-Brockway Glass Container Inc., as executed on April 17, 2000, and recorded in the United States Patent and Trademark Office on April 19, 2000 (as evidenced by the Notice of Recordation of Assignment Document also attached), and that the aforesaid improvement Invention is the subject of United States Patent Application Serial No. 09/552,365 filed April 19, 2000.

Please note in the attached letter that a request for correction of the Notice of Recordation of Assignment document has been sent to the United States Patent and Trademark Office on May 1, 2001.

**Dated: May 7, 2001**



JUDITH M. SCHREINER  
Notary Public, State of Ohio  
Commission Expires 2/2/06

*Judith M. Schreiner*  
Notary Public



7 56  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 11, 2000

OWENS-ILLINOIS  
N. D. PARIKH  
ONE SEAGATE, 25-LDP  
TOLEDO, OHIO 43666

Owens-Illinois, Inc.  
PTAS  
JUL 17 2000  
INTELLECTUAL  
PROPERTY SECTION



\*101351898A\*

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, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/19/2000

REEL/FRAME: 010767/0007  
NUMBER OF PAGES: 2

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

ASSIGNOR:

WACKE, ROBERT S.

DOC DATE: 04/17/2000

ASSIGNEE:

OWENS-BROCKWAY GLASS CONTAINER  
INC.  
ONE SEAGATE  
TOLEDO, OHIO 43666

SERIAL NUMBER: 09555365  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

PEARLENE FOSTER, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

## ASSIGNMENT

WHEREAS, I, Robert S. Wacke, of 2251 Scottwood Avenue, Toledo, Ohio 43620, U.S.A., have invented an improvement in FINAL BLOW/FINISH COOLING VALVE FUNCTION MONITOR and

WHEREAS, I have executed an Application for United States Patent based thereon, on the 17 day of APRIL, 2000; and

WHEREAS, OWENS-BROCKWAY GLASS CONTAINER INC., a Delaware corporation, is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for One Dollar (\$1.00) and other valuable considerations, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

AND I hereby covenant and agree for myself, my heirs, and my legal representatives, to assist my said assignee in the prosecution of said application and in any interference which may arise involving said invention, and, upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them. Further, I hereby authorize the above-mentioned assignee to insert in this instrument the identifying serial number and filing date of my said application when received.

AND I do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal this

17 day of APRIL, 2000

Robert S. Wacke

STATE OF OHIO

, COUNTY

WOOD

ss:

On this 17th day of APRIL, 2000, before me, a Notary Public, personally appeared the above named Robert S. Wacke, personally known to me and known by me to be the one who executed the foregoing instrument and subscribed the same in my presence, and acknowledged the same to be his free act and deed.

My Commission Expires:

Judith M. Schreiner  
Notary Public



JUDITH M. SCHREINER  
Notary Public, State of Ohio

U. S. Serial No.

My Commission Expires 2-2-01

**OWENS-ILLINOIS**

Legal Department  
Intellectual Property Section

64  
9  
58

May 1, 2001

U.S. Patent and Trademark Office  
Assignment Division  
Box Assignments, CG-4  
1213 Jefferson Davis Hwy.  
Suite 320  
Washington, D.C. 20231

Att: Pearlene Foster, Paralegal

Re: Serial No. 09/552,365 filed April 19, 2000

Enclosed, please find a copy of the recordation sheet for the above-referenced Patent Application.. Please note the Serial Number and filing date are incorrect. They should read:

**SERIAL NUMBER: 09552365**

**FILING DATE: 04/19/2000**

Please make these corrections and send a new recordation sheet at your earliest convenience.

If you require anything further, please let us know.

Very truly yours,

*Barbara A. Fisher*  
Barbara A. Fisher  
Legal Department

lsg

Enc.

Overnight Deliveries & Street Address: 25875 U.S. Route 25, LDP Building 25 Parysburg, Ohio 43651  
Mailing Address: One SeaGate, 25-LDP Toledo, Ohio 43686 (419) 247-5000 TLX 4992985 Fax (419) 247-8555

1059



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Owens-Illinois, Inc.

JULY 11, 2000

OWENS-ILLINOIS  
N. D. PARIKH  
ONE SEAGATE, 25-LDP  
TOLEDO, OHIO 43666

PTAS  
JUL 17 2000

INTELLECTUAL  
PROPERTY SECTION



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RECORDATION DATE: 04/19/2000

REEL/FRAME: 010767/0007  
NUMBER OF PAGES: 2

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

ASSIGNOR:  
WACKE, ROBERT S.

DOC DATE: 04/17/2000

ASSIGNEE:  
OWENS-BROCKWAY GLASS CONTAINER  
INC.  
ONE SEAGATE  
TOLEDO, OHIO 43666

SERIAL NUMBER: 09553365  
PATENT NUMBER: 09552365

FILING DATE: SB APRIL 19, 2000  
ISSUE DATE:

PEARLENE FOSTER, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

~~63~~  
H 60

Please affix Official Patent Office date of receipt stamp hereon and mail  
as evidence that: Request for Corrected Recordation Sheet

Docket No. 17436 USA Mailed on: May 1, 2001

Inventor(s): Robert S. Wacke

Title: "Final Blow/Finish Cooling Valve Function Monitor"

was received on that date.

Serial No. 09/552,365

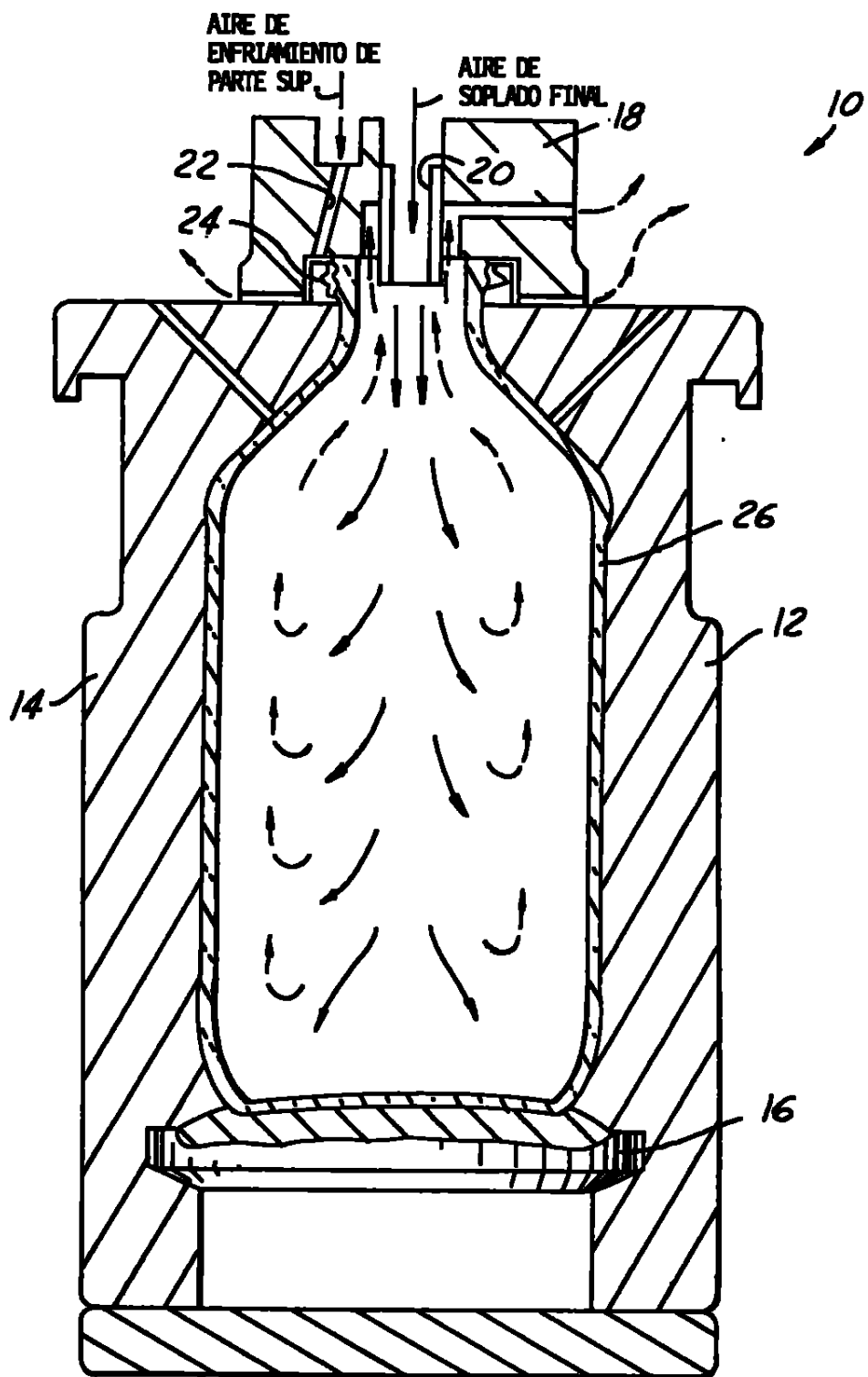


FIG.1



**Glard College Philadelphia, PA 1848-1998**

**Legal Department  
Owens-Illinois, Inc.  
One SeaGate  
Toledo, Ohio 43668**

**Att H. G. Bruss - 25 LDP**





2do. EXAMEN DE FORMA PATENTE DE INVENCION

Folio 68

Radicación no 01-30240

Concepto Técnico no 451

Clasificación Internacional de Patentes: C03B 9/04, 9/41

Practicado el examen de acuerdo a lo establecido en el Art. 38 de la Decisión 486 se determinó que esta solicitud de Patente de Invención:

- SI ☒ NO ☐ Contiene un resumen de la invención (Art.26-e).
- SI ☒ NO ☐ Contiene el título o nombre de la invención (Art.27-d).
- SI ☒ NO ☐ Contiene la descripción de la invención (Art.26-b).
- SI ☒ NO ☐ NO ES APLICABLE ☐ Contiene los dibujos necesarios para comprender la invención (Art.26-d)
- SI ☒ NO ☐ Contiene una o más reivindicaciones. (Art.26-c).
- SI ☐ NO ☐ NO ES APLICABLE ☒ Han sido desarrollados los productos y/o procedimientos a partir de recursos genéticos o de sus productos derivados de los que cualquiera de los Países Miembros es país de origen. (Art. 26- h).
- SI ☐ NO ☐ NO ES APLICABLE ☒ Los productos y/o procedimientos han sido obtenidos o desarrollados a partir de los conocimientos tradicionales de las comunidades indígenas, afroamericanas, o locales de los países miembros, de acuerdo a lo establecido en la Decisión 391 y sus modificaciones y reglamentaciones vigentes.(Art.26-l).
- SI ☐ NO ☒ La invención se refiere a un producto relativo a un material biológico. (Art.26-j).
- SI ☒ NO ☐ NO ES APLICABLE ☐ La prioridad coincide con la materia reivindicada.
- SI ☒ NO ☐ CUMPLE LOS REQUISITOS TÉCNICOS

OBSERVACIONES Y OTROS: SI ☐ NO ☐ ver hoja(s) anexa(s)

- NUEVOS DIBUJOS, FOLIOS: 64 - 65

EXAMINADOR TÉCNICO  
202051

Bogotá D. C., febrero 21 de 2003



Folio 87

2020  
Bogotá DC

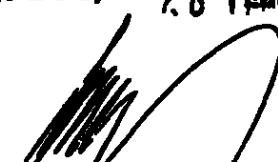
Doctor(a)  
RAMIRO CASTRO DUQUE  
Apoderado(a)

|                    |                       |                 |
|--------------------|-----------------------|-----------------|
| <b>REFERENCIA:</b> | <b>Radicación No.</b> | <b>01-30240</b> |
|                    | <b>Trámite</b>        | <b>002</b>      |
|                    | <b>Evento</b>         | <b>001</b>      |
|                    | <b>Actuación</b>      | <b>416</b>      |
|                    | <b>Oficio No.</b>     | <b>465</b>      |
|                    | <b>Folios</b>         | <b>001</b>      |

Teniendo en cuenta que la solicitud de privilegio de patente que se tramita bajo el expediente indicado en la referencia, reúne los requisitos de forma establecidos en los artículos 26 y 27 de la Decisión 486 de la Comisión de la Comunidad Andina, y en las demás disposiciones vigentes sobre la materia, se envía el extracto de la solicitud a la Oficina de Comunicaciones para efecto de su publicación en la Gaceta de Propiedad Industrial, conforme lo establece el artículo 40 de la misma Decisión.

Cúmplase

Dado en Bogotá DC, 23 FEB. 2000

  
**ALIX CARMENZA CÉSPEDES DE VERGEL**  
Jefe de la División de Nuevas Creaciones

202051