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SUPERINDUSTRIA Y COMERCIO
Radicación 82073699 00000002 Folios: 16
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Dependencia 2020 DIVISION DE NUEVAS CREACIONES

AS 88 874

Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
DIVISION DE NUEVAS CREACIONES

E S D

REF Expediente No 02 073 699 – Solicitud de Patente
a favor de OWENS - BROCKWAY GLASS CONTAINER INC
Titulada APARATO Y MÉTODO PARA TRANSPORTAR
PEQUEÑAS MASAS DE VIDRIO A UNA MAQUINA DE
FORMACIÓN DE RECIPIENTES DE VIDRIO

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 05 de Setiembre de 2002, y de acuerdo con los artículos 38 y 39 de la Decisión 486 de la comisión de la Comunidad Andina, me permito informar y anexar al presente escrito lo siguiente

- 1 Documento donde consta la cesión del derecho a la Patente otorgado por los inventores al solicitante
- 2 Extracto para publicación y Tarjeta de Archivo Temático
- 3 Dibujos formales
- 4 Artes finales (2 de 12 cm X 12 cm y 1 de 6 cm X 6 cm) }

De la señora jefe atentamente,



RAMIRO CASTRO DUQUE
C C No 170 322 de Bogotá
Código 340
Cra 7 No 16-56 Piso 9

Octubre 29, 2002
CPB/hsr

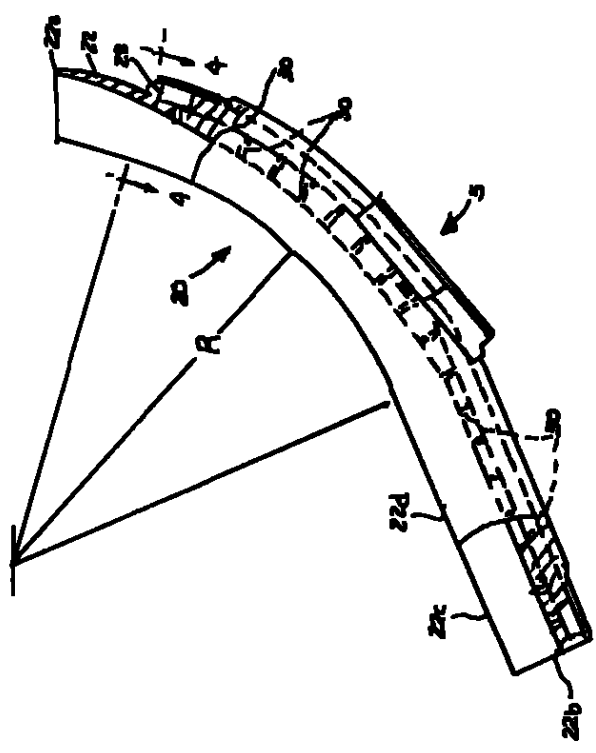
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FOL 32 TABLA TERMINO
FOL 32 EXAMEN PUBLICO

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 October 10, 2002

7 by the Secretary of State of Ohio

8 No 106752

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.

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

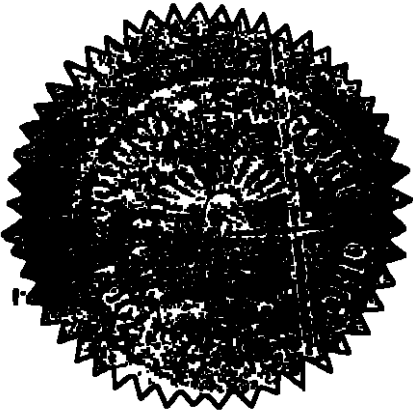
February 2006

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed the seal of the said Court and County at Toledo Ohio October 8, 2002

(Date)

J Bernie Quilter Clerk of Courts

Clerk



17783 COLO

**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 documents are true copies of the Assignments made of an Improvement Invention for APPARATUS AND METHOD FOR CONVEYING GOBS OF GLASS TO A GLASS CONTAINER FORMING MACHINE by Its Inventors

- 1) Dan M Hayes
- 2) Mark R Tipping

to Owens-Brockway Glass Container Inc , as executed on August 25, 2001 and August 23, 2001, as the case may be, and recorded in the United States Patent and Trademark Office on August 30, 2001 (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 09/942,899 filed August 30, 2001

Dated September 24, 2002



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

Judith M Schreiner
Notary Public



UNITED STATES
PATENT AND
TRADEMARK OFFICE

OWENS-ILLINOIS, Inc.

JANUARY 24, 2002

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

PTAS 4 2002

INTELLECTUAL
PROPERTY SECTION

Chief Financial Officer and Chief Administrative Officer
Washington DC 20535



101943864A

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 08/30/2001

REEL/FRAME 012154/0580
NUMBER OF PAGES 3

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

ASSIGNOR
HAYES, DAN M

DOC DATE 08/25/2001

ASSIGNOR
TIPPING, MARK R

DOC DATE 08/23/2001

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

SERIAL NUMBER 09942899
PATENT NUMBER

FILING DATE 08/30/2001
ISSUE DATE

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, I, DAN M HAYES
 7467 Timbers Boulevard, Waterville, Ohio 43566
 together with Mark R Tipping
 have jointly invented an improvement in "Apparatus and Method for Conveying
 Gobs of Glass to a Glass Container Forming Machine", and

WHEREAS, I, as a joint applicant with said Mark R Tipping
 have executed an Application for United States Patent based thereon, on the
25 day of August, 2001, 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 terri-
 tories 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 repre-
 sentatives 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 identi-
 fying 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
25 day of AUGUST, 2001

Dan M Hayes
 Dan M Hayes
 STATE OF Ohio, COUNTY OF Licking ss:

On this 25 day of August, 2001, before me, a Notary Public,
 personally appeared the above named Dan M Hayes, 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 0-9-04
 LORRY SAEWEL
 Notary Public State of Ohio

Larry Saevel

U. S. Serial No. _____ Filing Date _____

ASSIGNMENT

WHEREAS, I, MARK R TIPPING

4 Edith Court, Bowling Green, Ohio 43402

U S A ,

together with Dan M Hayes

have jointly invented an improvement in "Apparatus and Method for Conveying
Gobs of Glass to a Glass Container Forming Machine" , and

WHEREAS, I, as a joint applicant with said Dan M Hayes

have executed an Application for United States Patent based thereon, on the

23 day of AUGUST, 2001, 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

23 day of AUGUST, 2001

Mark R. Tipping
Mark R. Tipping

STATE OF OHIO, COUNTY OF WOOD ss

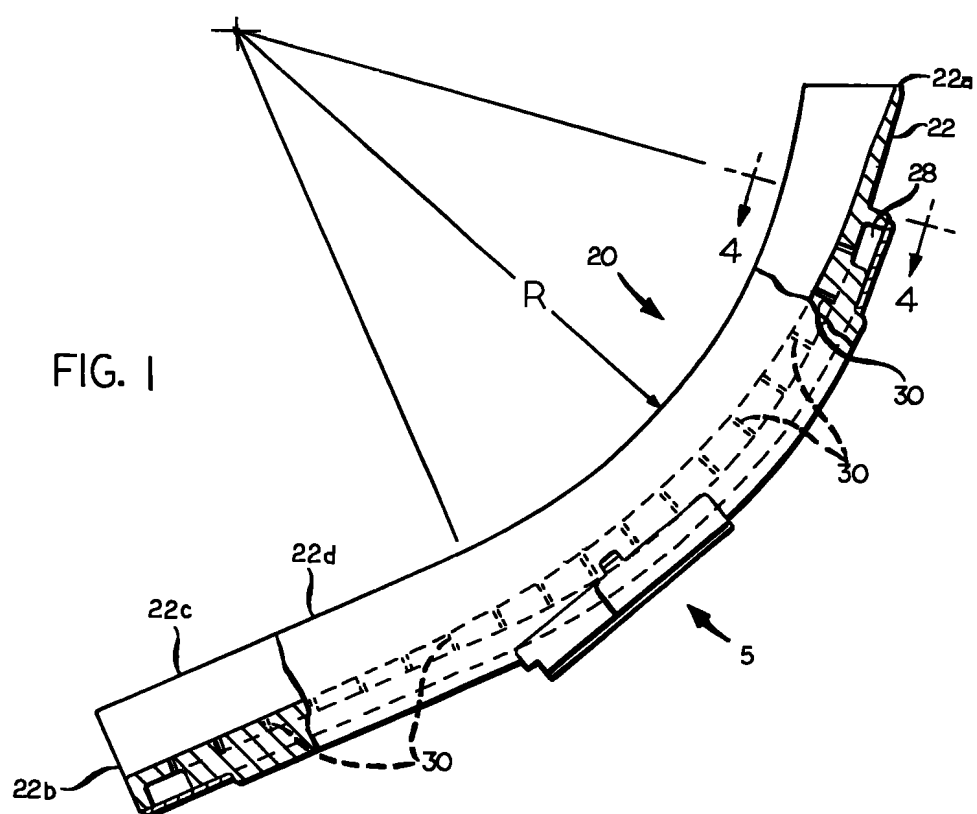
On this 23 day of August, 2001, before me, a Notary Public, personally appeared the above named Mark R. Tipping, personally known to me and known by me to be the one who executed the foregoing instrument and subscribed the same in my presence, and acknowledged the same to be his free act and deed.

My Commission Expires:

November 29, 2004

Joyce M. Murphy
Joyce M. Murphy

U. S. Serial No. _____ Filing Date _____



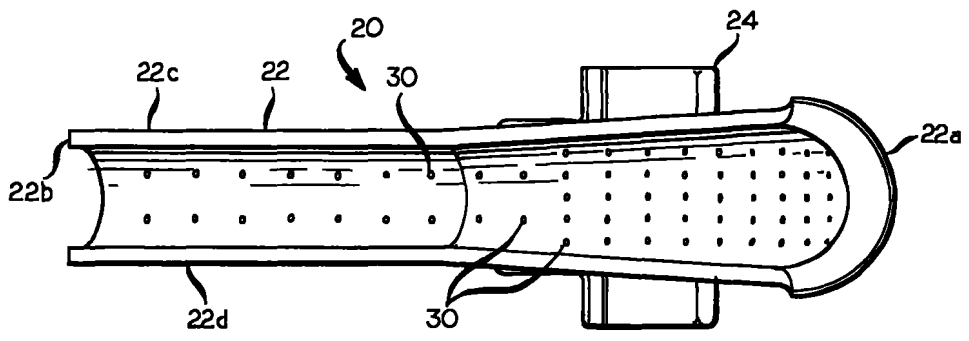


FIG. 2

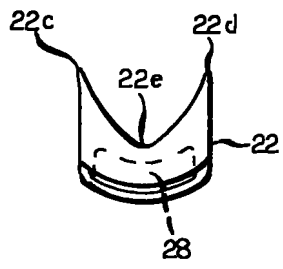


FIG. 3

FIG. 4

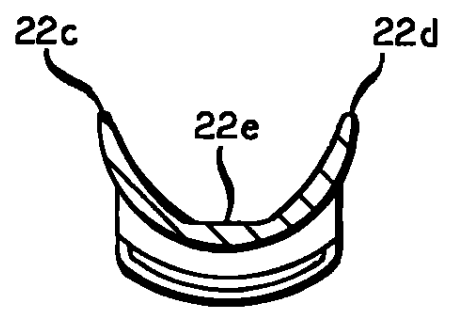


FIG. 6

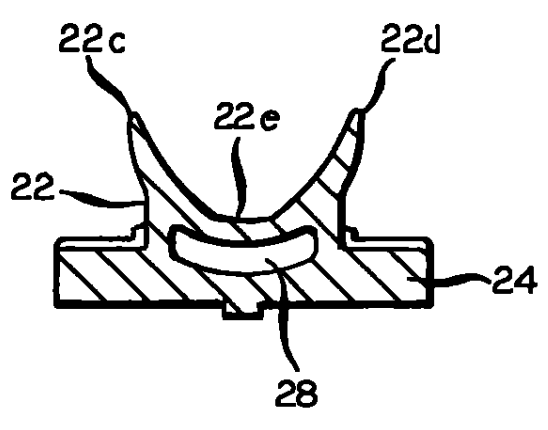
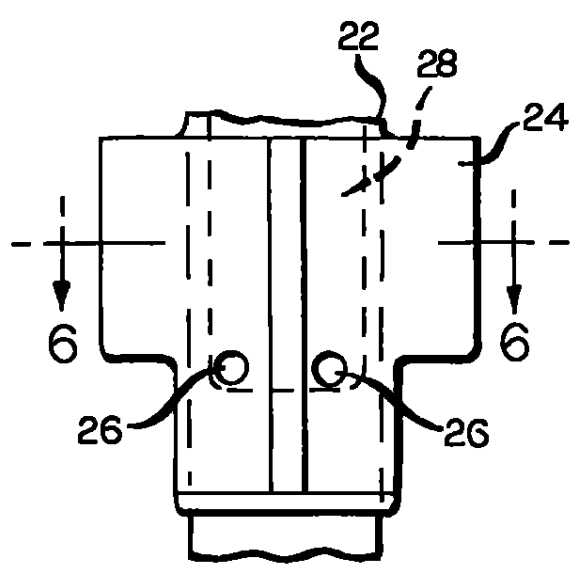
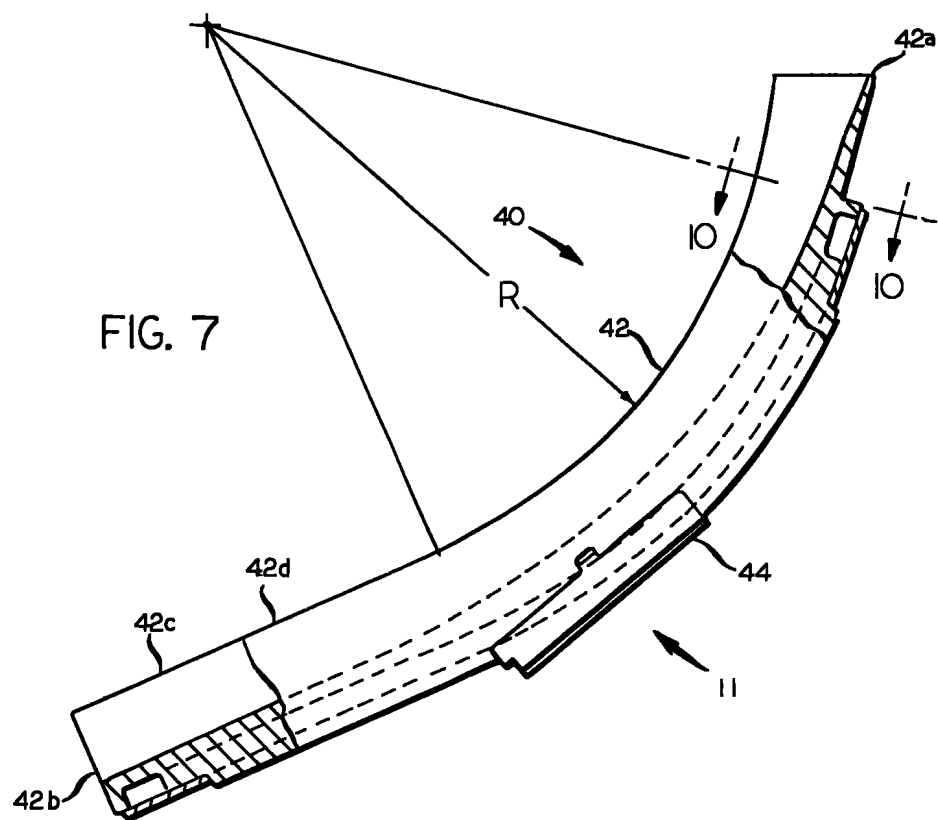


FIG. 5





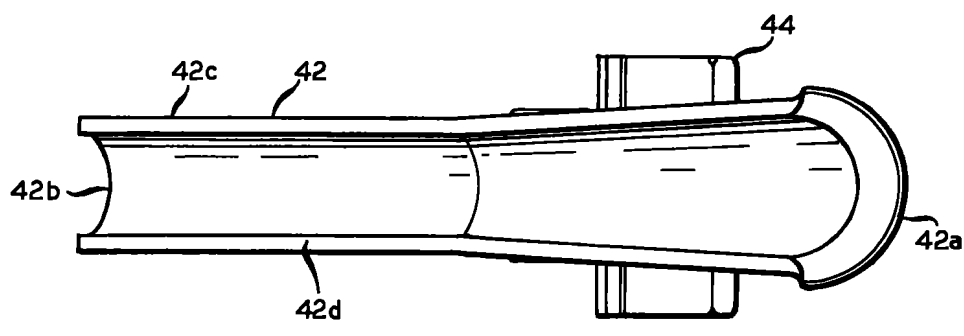


FIG. 8

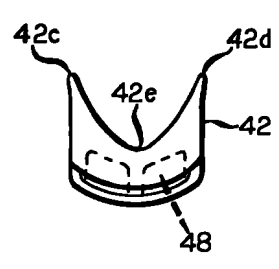


FIG. 9

FIG. 10

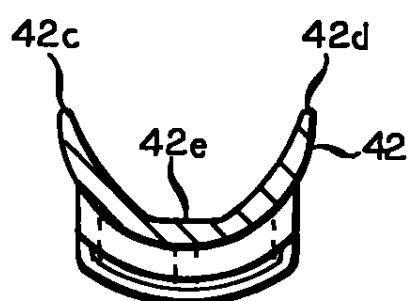


FIG. 12

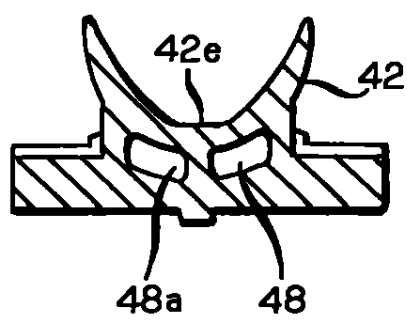
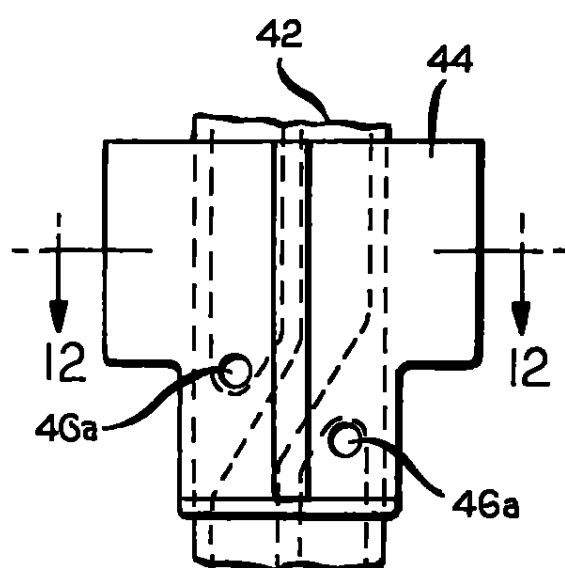


FIG. 11



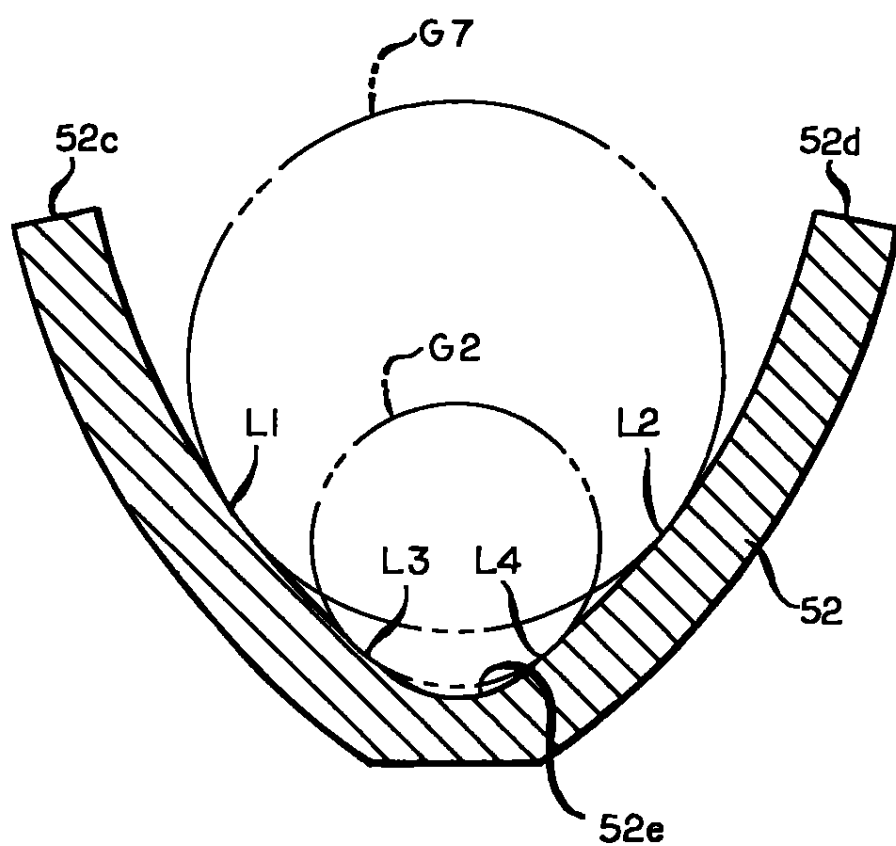


FIG. 13