

SCORE Placeholder Sheet for IFW Content

Application Number: **29567402**

Issue Date: **03/14/2017**

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- **Design Patent Grant**

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United States Patent and Trademark Office
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/567,402	03/14/2017	D781151	8748-003	6122

22440 7590 02/22/2017
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b)

Design patents have a term measured from the issue date of the patent and the term remains the same length regardless of the time that the application for the design patent was pending. Since the above-identified application is an application for a design patent, the patent is not eligible for Patent Term Extension or Adjustment under 35 U.S.C. 154(b).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

eBottles.com, Jupiter, FL;
Robert Lerman, Jupiter, FL;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

/D.M./	4	20110147334		2011-06-23	Sumanth Kumar Reddy Mettu, et al.
Change(s) applied to document, /N.B.H./ 1/11/2017	5	20160030285		2016-02-04	Miceli et al. ~~Tri State Distribution, Inc.~~
	6	20150076103		2015-03-19	Koller et al. ~~Drug Plastics & Glass Company, Inc.~~
	7	20150122767		2015-05-07	Sumanth Kumar Reddy Mettu, et al.
	8	20080314900		2008-12-25	Biesecker et al. ~~Drug Plastics & Glass Company, Inc.~~
	9	20080308518		2008-12-18	Sprishen ~~Drug Plastics & Glass Company, Inc.~~

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/D.M./	1	9650055-0001	SI		1996-10-31	Tovarna olja GEA d.d.		
/D.M./	2	2005-01421	TR		2005-07-01	BERICAP Kapak Sanayi A.S.		
/D.M./	3	2720376	FR		1995-12-01	Michael Salomon		

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

/D.M./ Change(s) applied to document, /N.B.H./ 1/11/2017 ↓ /D.M./	9	7815061		2010-10-19	Robinson et al. ~~Rexam Closures and Containers~~
	10	7527159		2009-05-09	Brozell ~~Rexam Closure Systems Inc.~~
	11	4020965		1977-05-03	John D. Northup
	12	5197616		1993-03-30	Buono ~~Van Blercom Closures, Inc.~~
	13	9045265		2015-06-02	Gregory Mark Adamczak
	14				

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/D.M./	1	20050074528		2005-04-07	Jean Servaux, et al.	
↓	2	20150122769		2015-05-07	Taber et al. ~~Silgan White Gap LLC~~	
↓ /D.M./	3	20150298866		2015-10-22	Hagen ~~RPC Bramlage GmbH~~	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

U.S. PATENTS

Remove

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/D.M./	1	D687299		2013-08-06	Peykoff, et al.	
Change(s) applied to document, /N.B.H./ 1/11/2017	2	B672158		2014-03-18	Taber et al. ~~Silgan White Cap LLC~~	
	3	D453473		2002-02-12	Del Bianco ~~Cervais Danone Compagnie~~	
	4	B205761		2012-06-26	Stull, Sr. et al. ~~Stull Technologies, Inc.~~	
	5	D442864		2001-05-29	Davies ~~Houston Harvest Gift Products, LLC~~	
	6	D633386		2011-03-01	Taber et al. ~~Silgan White Cap LLC~~	
	7	D574240		2008-08-05	Szczesniak ~~Silgan White Cap Americas LLC~~	
	8	D519837		2006-05-02	Sturk et al. ~~APC Products Limited; Ropak Corporation~~	

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax **(571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

22440 7590 01/03/2017
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Susan Piperno	(Depositor's name)
/Susan Piperno/	(Signature)
January 26, 2017	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/567,402	06/08/2016	Robert Lerman	8748-003	6122

TITLE OF INVENTION: JAR

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$280	\$0	\$0	\$280	04/03/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
MEYROW, DANA LYNNE	2916	D09-500000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Gottlieb, Rackman & Reisman, PC

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

eBottles.com

Jupiter, FL

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☒ Payment by ~~XXXXXXXXXXXXXXXXXXXX~~ **Electronic Funds Transfer (EFT)**
- ☒ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 07-1730 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Jason R. Wachter/

Date January 26, 2017

Typed or printed name Jason R. Wachter

Registration No. 65,987

Electronic Patent Application Fee Transmittal				
Application Number:		29567402		
Filing Date:		08-Jun-2016		
Title of Invention:		JAR		
First Named Inventor/Applicant Name:		Robert Lerman		
Filer:		Allen Ira Rubenstein/Susan Piperno		
Attorney Docket Number:		8748-003		
Filed as Small Entity				
Filing Fees for Design				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
DESIGN ISSUE FEE	2502	1	280	280
PUBL. FEE- EARLY, VOLUNTARY, OR NORMAL	1504	1	0	0
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				280

Electronic Acknowledgement Receipt

EFS ID:	28179123
Application Number:	29567402
International Application Number:	
Confirmation Number:	6122
Title of Invention:	JAR
First Named Inventor/Applicant Name:	Robert Lerman
Customer Number:	22440
Filer:	Allen Ira Rubenstein/Susan Piperno
Filer Authorized By:	Allen Ira Rubenstein
Attorney Docket Number:	8748-003
Receipt Date:	26-JAN-2017
Filing Date:	08-JUN-2016
Time Stamp:	15:37:02
Application Type:	Design

Payment information:

Submitted with Payment	yes
Payment Type	EFT
Payment was successfully received in RAM	\$280
RAM confirmation Number	012717INTEFSW15372800
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	8748-003_Issue_Fee.pdf	1174066	no	1
			0b0ffb5f847b0941bd455f62dff2abd4b5e30482		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	31834	no	2
			35a4622b7d8863a040dc666c13d28f04f932a99b		
Warnings:					
Information:					
Total Files Size (in bytes):			1205900		
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.					

SCORE Placeholder Sheet for IFW Content

Application Number: 29567402

Document Date: 01/20/2017

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

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- Drawing

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Robert Lerman
Application No. : 29/567,402
Filed : June 8, 2016
For : JAR
Examiner : Dana Lynne Meyrow
Art Unit : 2916
Confirmation No. : 6122
Attorney Docket : 8748-003

Mail Stop: Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. § 1.312

Dear Commissioner:

This amendment is being made under 37 C.F.R. § 1.312 to address matters raised in the Notice of Allowance. No new matter has been added.

Amendments to the Drawings begin on page 2 and include attached replacement sheets of drawings submitted concurrently herewith.

Remarks begin on page 3.

Amendment to the Drawings

In accordance with 37 C.F.R. § 1.121(d), the attached sheets of drawings include changes to Figures 1-16 as originally filed. Figures 1-8 and 16 have been canceled and Figures 9-15 as originally filed have been renumbered as Figures 1-7. No new matter has been added.

REMARKS

In accordance with 37 C.F.R. § 1.121(d), Figures 1-8 and 16 have been canceled and Figures 9-15 as originally filed have been renumbered as Figures 1-7. No new matter has been added.

Applicant believes that no fee is required. However, if any fee or extension is required, please consider this to be a petition therefore, and Applicant's attorney hereby authorizes that any such fees be charged to Deposit Account No. 07-1730.

Respectfully submitted,

Date: January 20, 2017

By: /Jason R. Wachter/
Jason R. Wachter, Reg. No. 65,987
Attorney for Applicant

PTO Correspondence Address:
GOTTLIEB, RACKMAN & REISMAN, P.C.
270 Madison Avenue
New York, New York 10016-0601
Telephone: (212) 684-3900
Telefax: (212) 684-3999

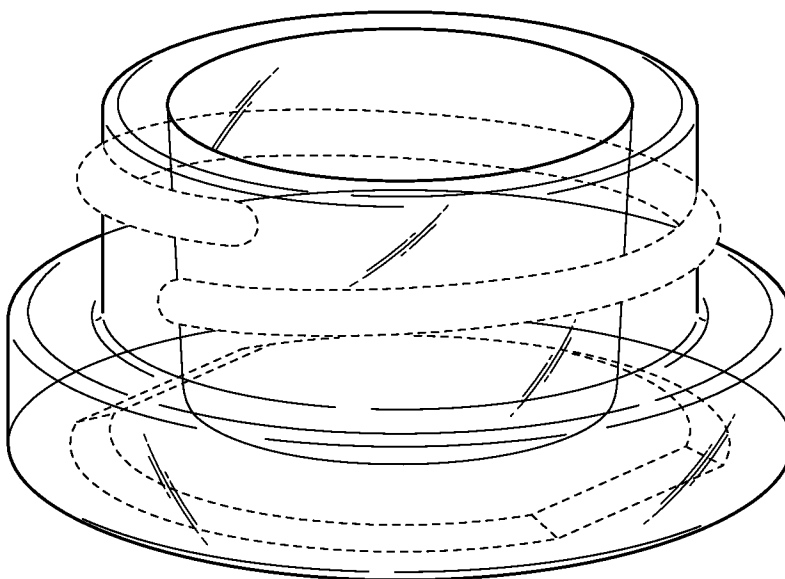


FIG. 1

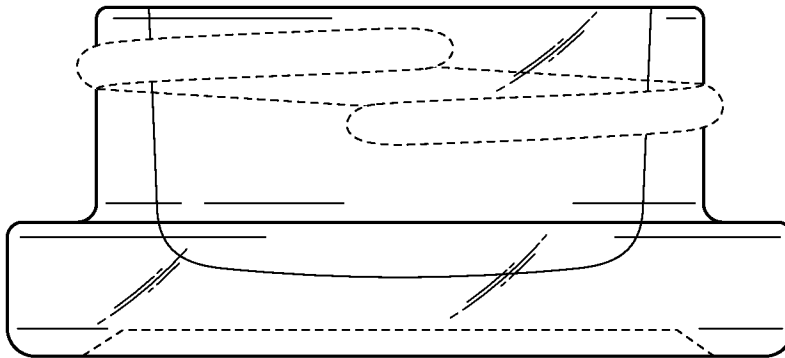


FIG. 2

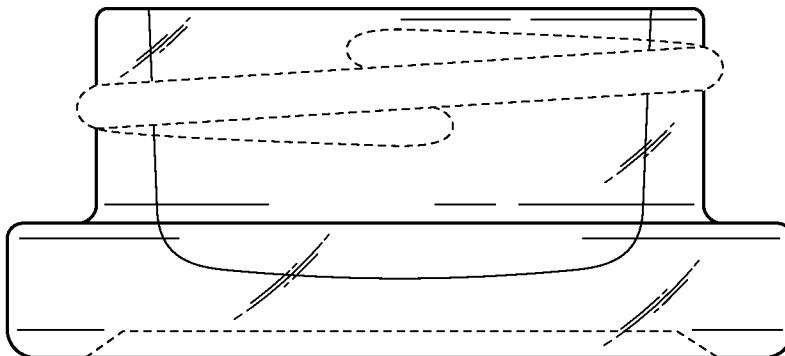


FIG. 3

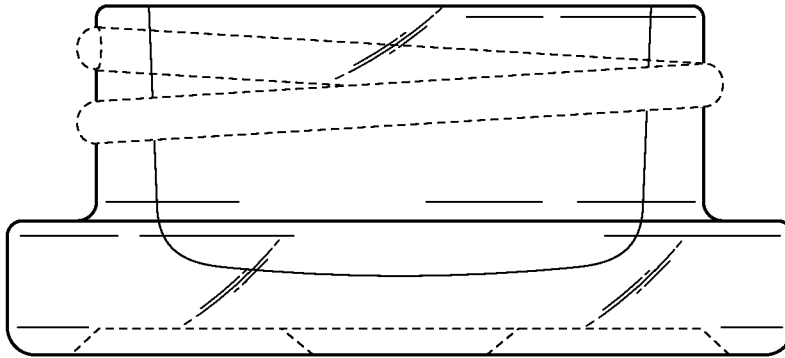


FIG. 4

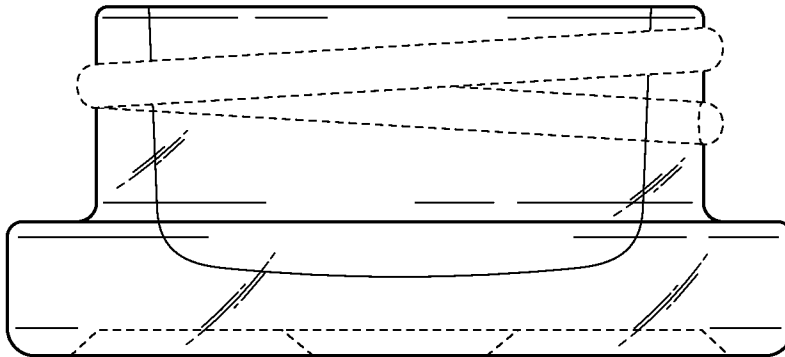


FIG. 5

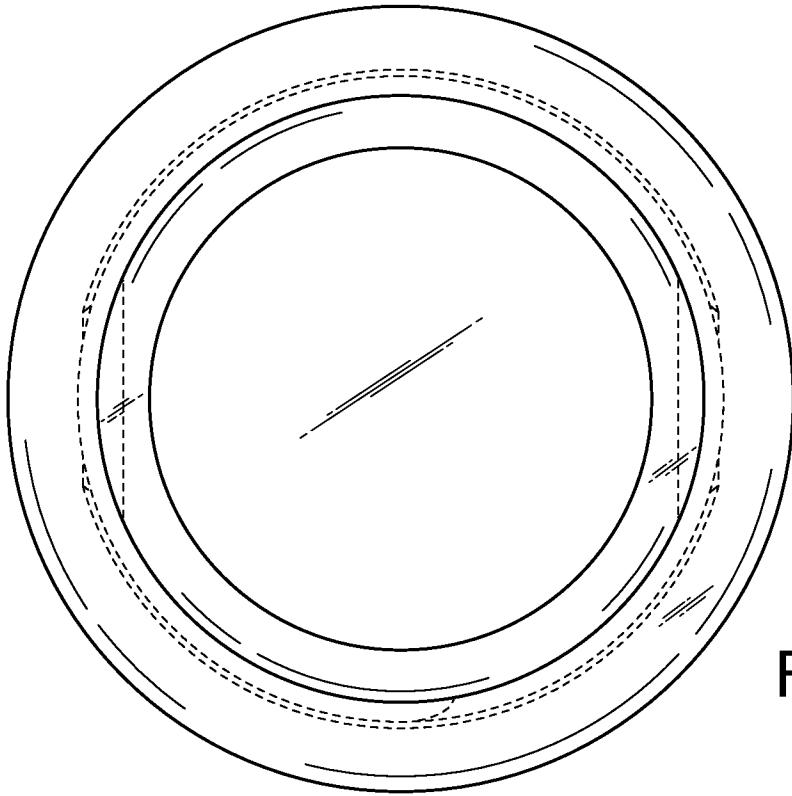


FIG. 6

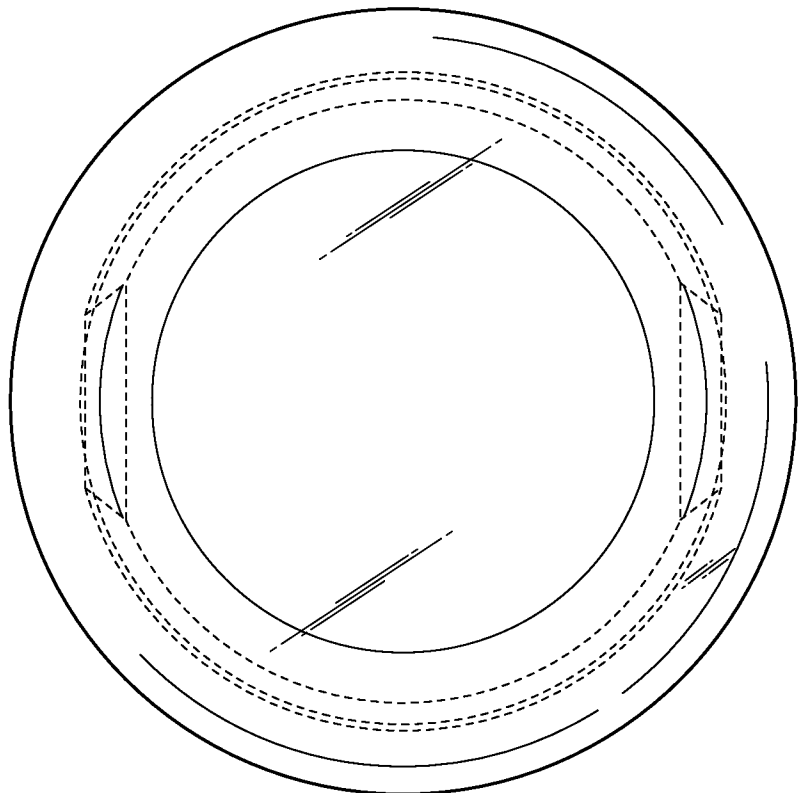


FIG. 7

Electronic Acknowledgement Receipt

EFS ID:	28118246
Application Number:	29567402
International Application Number:	
Confirmation Number:	6122
Title of Invention:	JAR
First Named Inventor/Applicant Name:	Robert Lerman
Customer Number:	22440
Filer:	Allen Ira Rubenstein/Jason Wachter
Filer Authorized By:	Allen Ira Rubenstein
Attorney Docket Number:	8748-003
Receipt Date:	20-JAN-2017
Filing Date:	08-JUN-2016
Time Stamp:	12:02:27
Application Type:	Design

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		8748-003_312_Amendment_Filed_1-20-17.pdf	435194 373c34e0d2190cf47e878f19133a8033daa295b	yes	3

Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Amendment after Notice of Allowance (Rule 312)			1	1	
Drawings-only black and white line drawings			2	2	
Applicant Arguments/Remarks Made in an Amendment			3	3	
Warnings:					
Information:					
2	Drawings-only black and white line drawings	8748-003_Replacement_Figures.pdf	1139487	no	4
			7109a0bff0d43f20f0cc50f6ca65ebf6509e3d5c		
Warnings:					
Information:					
Total Files Size (in bytes):			1574681		
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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NOTICE OF ALLOWANCE AND FEE(S) DUE

22440 7590 01/03/2017
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

EXAMINER

MEYROW, DANA LYNNE

ART UNIT

PAPER NUMBER

2916

DATE MAILED: 01/03/2017

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

29/567,402

06/08/2016

Robert Lerman

8748-003

6122

TITLE OF INVENTION: JAR

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$280	\$0	\$0	\$280	04/03/2017

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

22440 7590 01/03/2017
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/567,402	06/08/2016	Robert Lerman	8748-003	6122

TITLE OF INVENTION: JAR

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$280	\$0	\$0	\$280	04/03/2017

EXAMINER	ART UNIT	CLASS-SUBCLASS
MEYROW, DANA LYNNE	2916	D09-500000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____ (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____ 3 _____
---	---

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
☐ Applicant asserting small entity status. See 37 CFR 1.27
☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/567,402	06/08/2016	Robert Lerman	8748-003	6122

22440 7590 01/03/2017
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

EXAMINER

MEYROW, DANA LYNNE

ART UNIT	PAPER NUMBER
----------	--------------

2916

DATE MAILED: 01/03/2017

Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b)

Design patents have a term measured from the issue date of the patent and the term remains the same length regardless of the time that the application for the design patent was pending. Since the above-identified application is an application for a design patent, the patent is not eligible for Patent Term Extension or Adjustment under 35 U.S.C. 154(b).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability For A Design Application	Application No. 29/567,402	Applicant(s) LERMAN, ROBERT	
	Examiner Dana L. Meyrow	Art Unit 2916	AIA (First Inventor to File) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
2. ☒ An election was made by the applicant in response to a restriction requirement set forth during the interview on 27 October 2016; the restriction requirement and election have been incorporated into this action.
3. ☒ The claim is allowed.
4. ☐ Acceptable drawings:
 (a) ☐ The drawings filed on _____ are accepted by the Examiner.
 (b) ☐ Drawing Figures filed on _____ and drawing Figures filed on _____ are accepted by the Examiner.
5. ☐ The claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f) is acknowledged.

Certified copies:

- a) ☐ All b) ☐ Some *c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

Attachment(s)

- | | |
|--|---|
| 1. ☒ Notice of References Cited (PTO-892) | 4. ☒ Examiner's Amendment/Comment |
| 2. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Receipt Date <u>6/14/2016</u> | 5. ☐ Examiner's Statement of Reasons for Allowance |
| 3. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____ | 6. ☐ Other _____ |

NOTE:	

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should any of the following be unacceptable to the applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it must be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with applicant's attorney, Mr. Jason Wachter, on October 27, 2016. The following amendments to the drawings and specification are acceptable and correction of the drawings will be made.

Election/Restrictions

3. This application discloses the following embodiments:

Embodiment 1: Figs. 1-7 drawn to a jar.

Embodiment 2: Figs. 8 drawn to a side of a jar.

Embodiment 3: Figs. 9-15 drawn to a jar.

Embodiment 4: Figs. 16 drawn to a side of a jar.

4. The above embodiments divide into the following patentably distinct groups of designs:

Group I: Embodiment 1

Group II: Embodiment 2

Group III: Embodiment 3

Group IV: Embodiment 4

5. Multiple embodiments of a single inventive concept may be included in the same design application only if they are patentably indistinct. *In re*

Rubinfield, 270 F.2d 391, 123 USPQ 210 (CCPA 1959). Embodiments that are patentably distinct from one another do not constitute a single inventive concept and thus may not be included in the same design application. *In re Platner*, 155 USPQ 222 (Comm'r Pat. 1967). The difference in sidewall contour created by the step at the base of the neck in Embodiment I & II and the wider, shorter base portion in Embodiment III & IV creates patentably distinct designs.

6. Because of the differences identified, the embodiments are considered to either have overall appearances that are **not** basically the same, or if they are basically the same, the differences are **not** minor and patentably indistinct or are **not** shown to be obvious in view of analogous prior art.

7. Group(s) II & IV involve a difference in scope from that of Groups I & III as the opaque embodiments do not disclose or describe the other sides of the jar. The designs as grouped are distinct from each other since under the law a design patent covers only the design disclosed as an entirety, and does not extend to patentably distinct segregable parts; the only way to protect such segregable parts is to apply for separate patents. *Ex parte Sanford*, 1914 C.D. 69, 204 O.G. 1346 (Comm'r Pat. 1914); *Blumcraft of Pittsburgh v. Ladd*, 238 F. Supp. 648, 144 USPQ 562 (D.D.C.1965). It is further noted that combination/subcombination subject matter, if patentably distinct, must be supported by separate claims, whereas only a single claim is permissible in a design patent application. *In re Rubinfield*, 270 F.2d 391, 123 USPQ 210 (CCPA 1959).

8. In any groups that include multiple embodiments, the embodiments are considered by the examiner to be obvious variations of one another within the group and, therefore, patentably indistinct. These embodiments thus comprise a single inventive concept and are grouped together.

9. Restriction is required under 35 U.S.C. 121 to one of the patentably distinct groups of designs.

10. During the above referenced telephone discussion with applicant's attorney, an election was made without traverse and without the right to petition to prosecute the design of Group III (Figs. 9-15).

11. Accordingly, Groups I, II & IV (Figs. 1-8 & 16) have been withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being for nonelected designs.

Drawings

12. In view of the above election of Group III (Figs. 9-15) the nonelected Figs. I-8 & 16 must be canceled from the drawings and the remaining Figs. 9-18 must be renumbered as follows:

Fig. 9 must be renumbered as Fig. 1
Fig. 10 must be renumbered as Fig. 2
Fig. 11 must be renumbered as Fig. 3
Fig. 12 must be renumbered as Fig. 4
Fig. 13 must be renumbered as Fig. 5
Fig. 14 must be renumbered as Fig. 6
Fig. 15 must be renumbered as Fig. 7

13. **Replacement drawings are required in reply to the Office action** to avoid abandonment of the application. Should applicant(s) submit any amended replacement drawings in response to this Office action, they must be in compliance with 37 CFR 1.121(d).

14. When preparing new drawings in compliance with the requirement therefor, care must be exercised to avoid introduction of anything which could be construed to be new matter prohibited by 35 U.S.C. 132 and 37 CFR 1.121.

Specification

15. In view of the cancelation of the nonelected views, the **Figs. 8-16 figure descriptions have been canceled** from the specification.

16. Additionally, for accuracy of disclosure, since the present claim no longer consists of multiple embodiments and since it is improper to suggest embodiments of the claimed design which are not illustrated in the drawing disclosure (see MPEP 1503.01, II), the **remaining Figs. 1-7 figure description have been amended** to read as follows:

-- Fig. 1 is a top, front, right side perspective view of a jar showing my new design;

Fig. 2 is a front elevation view thereof;

Fig. 3 is a rear elevation view thereof;

Fig. 4 is a right side elevation view thereof;

Fig. 5 is a left side elevation view thereof;

Fig. 6 is a top plan view thereof; and

Fig. 7 is a bottom plan view thereof. --

Conclusion

17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dana L. Meyrow whose telephone number is 571-272-6034. The examiner can normally be reached Monday - Friday, between 5:30am and 1:30pm EST.

18. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lakiya Rogers can be reached on 571-270-7145. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

19. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Dana L Meyrow/

Primary Examiner, Art Unit 2916

October 27, 2016

Notice of References Cited	Application/Control No. 29/567,402		Applicant(s)/Patent Under Reexamination LERMAN, ROBERT	
	Examiner Dana L. Meyrow		Art Unit 2916	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US- D34,061 S	02-1901	Scattergood; H.W.		D19/84
*	B	US-3,311,248 A	03-1967	MARCHANT PAUL A	A45D40/0068	215/13.1
*	C	US-D237,361 S	10-1975	Picker; S. H.		D9/503
*	D	US-D441,284 S	05-2001	Saur; Warren D.		D3/264
*	E	US-D493,721 S	08-2004	Puigbo; Aniceto Canamasas		D28/76
*	F	US-D506,128 S	06-2005	Foi; Debi		D9/715
*	G	US-D554,367 S	11-2007	Chou; Yu-Jan		D3/264
*	H	US-D578,891 S	10-2008	Canamasas Puigbo; Aniceto		D9/500
*	I	US-D634,202 S	03-2011	Zamberlan; Romulo Del Tedesco		D9/504
*	J	US-D679,990 S	04-2013	O'Brien; Lucy		D9/428
	K	US-				
	L	US-				
	M	US-				

FOREIGN PATENT DOCUMENTS

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	P					
	Q					
	R					
	S					
	T					

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*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	V	
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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BIB DATA SHEET

CONFIRMATION NO. 6122

SERIAL NUMBER 29/567,402	FILING or 371(c) DATE 06/08/2016 RULE	CLASS D09	GROUP ART UNIT 2916	ATTORNEY DOCKET NO. 8748-003	
APPLICANTS eBottles.com, Jupiter, FL; INVENTORS Robert Lerman, Jupiter, FL; ** CONTINUING DATA ***** ** FOREIGN APPLICATIONS ***** ** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY ** 06/15/2016					
Foreign Priority claimed ☐ Yes ☒ No 35 USC 119(a-d) conditions met ☐ Yes ☐ No Verified and /DANA LYNNE MEYROW/ Acknowledged Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY FL	SHEETS DRAWINGS 10	TOTAL CLAIMS 1	INDEPENDENT CLAIMS 1
ADDRESS GOTTLIEB RACKMAN & REISMAN PC 270 MADISON AVENUE 8TH FLOOR NEW YORK, NY 10016-0601 UNITED STATES					
TITLE JAR					
FILING FEE RECEIVED 380	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit		

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/D.M./	1	D687299		2013-08-06	Peykoff, et al.	
	2	B672158		2014-03-18	Silgan White Cap LLC	
	3	D453473		2002-02-12	Gervais Danone Compagnie	
	4	B205761		2012-06-26	Stull Technologies, Inc.	
	5	D442864		2001-05-29	Houston Harvest Gift Products, LLC	
	6	D633386		2011-03-01	Silgan White Cap LLC	
	7	D574240		2008-08-05	Silgan White Cap Americas LLC	
↓ /D.M./	8	D519837		2006-05-02	APC Products Limited; Ropak Corporation	

**INFORMATION DISCLOSURE
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Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

/D.M./	9	7815061		2010-10-19	Rexam Closures and Containers	
	10	7527159		2009-05-09	Rexam Closure Systems Inc.	
	11	4020965		1977-05-03	John D. Northup	
	12	5197616		1993-03-30	Van Blarcom Closures, Inc.	
	13	9045265		2015-06-02	Gregory Mark Adamczak	
/D.M./	14					

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/D.M./	1	20050074528		2005-04-07	Jean Servaux, et al.	
	2	20150122769		2015-05-07	Silgan White Cap LLC	
/D.M./	3	20150298866		2015-10-22	RPC Bramlage GmbH	

**INFORMATION DISCLOSURE
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Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

/D.M./	4	20110147334		2011-06-23	Sumanth Kumar Reddy Mettu, et al.	
	5	20160030285		2016-02-04	Tri State Distribution, Inc.	
	6	20150076103		2015-03-19	Drug Plastics & Glass Company, Inc.	
	7	20150122767		2015-05-07	Sumanth Kumar Reddy Mettu, et al.	
	8	20080314900		2008-12-25	Drug Plastics & Glass Company, Inc.	
/D.M./	9	20080308518		2008-12-18	Drug Plastics & Glass Company, Inc.	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/D.M./	1	9650055-0001	SI		1996-10-31	Tovarna olja GEA d.d.		
/D.M./	2	2005-01421	TR		2005-07-01	BERICAP Kapak Sanayi A.S.		
/D.M./	3	2720376	FR		1995-12-01	Michael Salomon		

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/D.M./	4	2001158455	JP	2001-06-12	Eastman Kodak Co.
/D.M./	5	8302763	WO	1983-08-18	Hemant Sha, et al.

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/D.M./	1	Van Blarcom Closures Inc., Two-Piece Plastic; Saf-Cap IIIA, ASTM Type 1A, October 20, 2004	
/D.M./	2	Alameda Packaging, Child Resistant Plastic Caps; https://www.alamedapackaging.com/Catalog/Caps/Plastic_Caps/NonDispensing_Caps/181/Child_Resistant_Plastic_Caps.html ; October 03, 2014	
/D.M./	3	SKS Science, White Child Resistant PE Lined "Push Down" Caps, https://www.sks-science.com/closures-p-2756.html ; August 10, 2005	
/D.M./	4	Holistic Packaging Company http://holisticpackaging.com/ , April 29, 2016	
/D.M./	5	DHgate.com, Clear color 5ml glass jar tempered glass storage jars dab wax jar container oil concentrate & cosmetic cream container, http://www.dhgate.com/product/clear-color-5ml-glass-jar-tempered-glass/238531495.html ; April 29, 2016	

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Dana Meyrow/	Date Considered	10/18/2016
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Examiner Name	TBA
Attorney Docket Number	8748-003

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Issue Classification 	Application/Control No. 29567402	Applicant(s)/Patent Under Reexamination LERMAN, ROBERT
	Examiner DANA L MEYROW	Art Unit 2916

CPC				
Symbol			Type	Version

CPC Combination Sets						
Symbol			Type	Set	Ranking	Version

NONE (Assistant Examiner) _____ (Date) _____		☐ Use images from artifact folder ☐ Do not use images from artifact folder	Total Claims Allowed: 1
/DANA L MEYROW/ Primary Examiner.Art Unit 2916 (Primary Examiner) _____ (Date) _____		10/27/2016 1	O.G. Print Claim(s) O.G. Print Figure 2, 7

Search Notes 	Application/Control No. 29567402	Applicant(s)/Patent Under Reexamination LERMAN, ROBERT
	Examiner DANA L MEYROW	Art Unit 2916

CPC- SEARCHED		
Symbol	Date	Examiner
B65D1/00, 02, 0207, 0223, 10	10/27/2016	/D.M./
B65D23/00		
B65D2501/00, 0009		

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
D9	500, 503-04, 549, 558, 715	10/27/2016	/D.M./
D3	264		
D24	224		

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Search	10/27/2016	/D.M./
Examiner's Collection		
NPL Search		
EAST Search		
Interference Search		
Examiner COnsult: Ex. J. Rivard, TC 2900		

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
D9	500-505, 549-558	10/27/2016	/D.M./

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
29/567,402	06/08/2016	Robert Lerman	8748-003	6122

22440 7590 08/11/2016
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

EXAMINER

HATTAN, SUSAN B

ART UNIT	PAPER NUMBER
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2918

NOTIFICATION DATE	DELIVERY MODE
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08/11/2016

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patenteaction@grr.com

Decision on Request for Expedited Examination of a Design Application	Application No. 29/567,402	First Named Inventor LERMAN, ROBERT
	Filing Date 08 June 2016	Attorney Docket No. 8748-003

This decision is in response to the request for an expedited examination of Design Application filed 14 June 2016

☒ **Request GRANTED** – Your request under 37 CFR 1.155 has been considered and approved.

☐ **Other Comments:**

This decision is issued on behalf of and with authorization by the Director, Technology Center 2900. Any inquiry regarding this decision should be directed to the undersigned.

/SUSAN BENNETT HATTAN/
Supervisory Patent Examiner
Technology Center 2900
Phone: (571)272-6024

Decision on Request for Expedited Examination of a Design Application	Application No. 29/567,402	First Named Inventor LERMAN, ROBERT
	Filing Date 08 June 2016	Attorney Docket No. 8748-003

This decision is in response to the request for an expedited examination of Design Application filed 14 June 2016

☒ **Request GRANTED** – Your request under 37 CFR 1.155 has been considered and approved.

☐ **Other Comments:**

This decision is issued on behalf of and with authorization by the Director, Technology Center 2900. Any inquiry regarding this decision should be directed to the undersigned.

/SUSAN BENNETT HATTAN/
Supervisory Patent Examiner
Technology Center 2900
Phone: (571)272-6024



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
29/567,402	06/08/2016	2913	380	8748-003	1	1

CONFIRMATION NO. 6122

FILING RECEIPT



0000000083696330

22440
GOTTLIEB RACKMAN & REISMAN PC
270 MADISON AVENUE
8TH FLOOR
NEW YORK, NY 10016-0601

Date Mailed: 06/16/2016

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Inventor(s)

Robert Lerman, Jupiter, FL;

Applicant(s)

eBottles.com, Jupiter, FL;

Power of Attorney: The patent practitioners associated with Customer Number 22440

Domestic Applications for which benefit is claimed - None.

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 06/15/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 29/567,402**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

JAR

Preliminary Class

D09

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

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Doc Code: ROCKET

Document Description: Req for Expedited Processing, Design Rocket Docket

PTO/SB/27 (05-15)

Approved for use through 07/31/2016. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REQUEST FOR EXPEDITED EXAMINATION
OF A DESIGN APPLICATION
(37 CFR 1.155)**

Application Number	29/567,402
Filing Date	06/08/2016
First Named Inventor	Robert LERMAN
Title	JAR
Atty Docket Number	8748-003

ADDRESS TO:

**MAIL STOP EXPEDITED DESIGN
COMMISSIONER OF PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450**

This is a request for expedited examination of a design application under 37 CFR 1.155.

NOTE: If the present form (PTO/SB/27) accompanies a new nonprovisional design application under 37 CFR 1.53(b), include form PTO/SB/18 "Design Patent Application Transmittal" or its equivalent. Do not include the present form (PTO/SB/27) on the date of filing a new international design application. For an international design application to qualify for expedited examination, 37 CFR 1.155(a)(1) provides that the international design application first must have been published by WIPO pursuant to Hague Agreement Article 10(3).

A preexamination search was conducted. The field of search was:

Please see the attached chart showing all U.S., IPC and CPC classes searched, which is being filed concurrently with this application and request.

Related applications: _____

The following items are required under 37 CFR 1.155:

- Drawings in compliance with 37 CFR 1.84, unless the design application is an international design application that designates the United States and was published by WIPO pursuant to Hague Agreement Article 10(3).
- The fee set forth in 37 CFR 1.17(k).
- An information disclosure statement in compliance with 37 CFR 1.98.

Note: The Office will not grant a request for expedited examination if all of the requirements of 37 CFR 1.155 are not satisfied. In addition, the Office will not examine an application that is not in a condition for examination (e.g., missing basic filing fee) even if the applicant files a request for expedited examination under 37 CFR 1.155.

<u>/Jason R. Wachter/</u>	<u>June 14, 2016</u>
Signature	Date

<u>Jason R. Wachter</u>	<u>65,987</u>
Typed or printed name	Registration Number, if applicable

<u>212-684-3900</u>
Telephone Number

**Warning: Information on this form may become public. Credit card information should not be included on this form.
Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.48. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Classes Searched

5.1 US classes:

215/219, 215/220, 215/384, 215/221, 215/213, 215/214, 215/206, 215/230

5.2 IPC classes:

B65D50/00, B65D50/02, B65D50/04, B65D50/06, B65D55/14, B65D41/06, B65D41/04

5.3 CPC Classes:

B65D55/022, B65D50/043, B65D41/0471, B65D50/046, B65D50/045, B65D50/048,
B65D50/061, B65D50/062, B65D50/063, B65D50/064, B65D50/065, B65D50/066,
B65D50/067, B65D50/068, B65D50/069, B65D50/041

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		29567402
	Filing Date		2016-06-08
	First Named Inventor	Robert Lerman	
	Art Unit	2913	
	Examiner Name	TBA	
	Attorney Docket Number	8748-003	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	D687299		2013-08-06	Peykoff, et al.	
	2	B672158		2014-03-18	Silgan White Cap LLC	
	3	D453473		2002-02-12	Gervais Danone Compagnie	
	4	B205761		2012-06-26	Stull Technologies, Inc.	
	5	D442864		2001-05-29	Houston Harvest Gift Products, LLC	
	6	D633386		2011-03-01	Silgan White Cap LLC	
	7	D574240		2008-08-05	Silgan White Cap Americas LLC	
	8	D519837		2006-05-02	APC Products Limited; Ropak Corporation	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

9	7815061	2010-10-19	Rexam Closures and Containers
10	7527159	2009-05-09	Rexam Closure Systems Inc.
11	4020965	1977-05-03	John D. Northup
12	5197616	1993-03-30	Van Blarcom Closures, Inc.
13	9045265	2015-06-02	Gregory Mark Adamczak
14			

If you wish to add additional U.S. Patent citation information please click the Add button.

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U.S.PATENT APPLICATION PUBLICATIONS

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Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20050074528		2005-04-07	Jean Servaux, et al.	
	2	20150122769		2015-05-07	Silgan White Cap LLC	
	3	20150298866		2015-10-22	RPC Bramlage GmbH	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

4	20110147334	2011-06-23	Sumanth Kumar Reddy Mettu, et al.
5	20160030285	2016-02-04	Tri State Distribution, Inc.
6	20150076103	2015-03-19	Drug Plastics & Glass Company, Inc.
7	20150122767	2015-05-07	Sumanth Kumar Reddy Mettu, et al.
8	20080314900	2008-12-25	Drug Plastics & Glass Company, Inc.
9	20080308518	2008-12-18	Drug Plastics & Glass Company, Inc.

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	9650055-0001	SI		1996-10-31	Tovarna olja GEA d.d.		
	2	2005-01421	TR		2005-07-01	BERICAP Kapak Sanayi A.S.		
	3	2720376	FR		1995-12-01	Michael Salomon		

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

4	2001158455	JP	2001-06-12	Eastman Kodak Co.
5	8302763	WO	1983-08-18	Hemant Sha, et al.

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Van Blarcom Closures Inc., Two-Piece Plastic; Saf-Cap IIIA, ASTM Type 1A, October 20, 2004	
	2	Alameda Packaging, Child Resistant Plastic Caps; https://www.alamedapackaging.com/Catalog/Caps/Plastic_Caps/NonDispensing_Caps/181/Child_Resistant_Plastic_Caps.html ; October 03, 2014	
	3	SKS Science, White Child Resistant PE Lined "Push Down" Caps, https://www.sks-science.com/closures-p-2756.html ; August 10, 2005	
	4	Holistic Packaging Company http://holisticpackaging.com/ , April 29, 2016	
	5	DHgate.com, Clear color 5ml glass jar tempered glass storage jars dab wax jar container oil concentrate & cosmetic cream container, http://www.dhgate.com/product/clear-color-5ml-glass-jar-tempered-glass/238531495.html ; April 29, 2016	

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
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Attorney Docket Number	8748-003

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
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Application Number	29567402
Filing Date	2016-06-08
First Named Inventor	Robert Lerman
Art Unit	2913
Examiner Name	TBA
Attorney Docket Number	8748-003

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jason R. Wachter/	Date (YYYY-MM-DD)	2016-06-14
Name/Print	Jason R. Wachter	Registration Number	65,987

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Robert Lerman
Serial No. : 29/567,402
Filed : June 08, 2016
For : JAR
Examiner : To Be Assigned
Art Unit : 2913
Confirmation No. : 6122
Attorney Docket : 8748-003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

In accordance with 37 C.F.R. § 1.56, the material listed on the attached form PTO/SB/08 is being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. It is respectfully requested that the Examiner indicate consideration of the cited reference by returning a copy of the attached PTO/SB/08 with initials or other appropriate remarks.

In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of the listed U.S. patents or U.S. patent application publications are not provided with this submission. Pursuant to 37 C.F.R. § 1.98(a)(2)(i), a copy of each foreign patent or foreign patent application is provided herewith.

Also provided with this submission in accordance with 37 C.F.R. § 1.98(a)(3)(ii) is an English language translation or an English language abstract of all foreign patent references not presented in the English language. Additionally, a copy of all non-patent literature is provided with this submission.

In accordance with 37 C.F.R. § 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b) or an admission that the information cited in the statement is, or is considered to be, prior art.

Pursuant to 37 C.F.R. § 1.97(b), no fee is believed due. However, if any fee is required, please consider this to be a petition therefore, and Applicant's attorney hereby authorizes that any such fees be charged to Deposit Account No. 07-1730, Docket No. 8748-003 US.

Respectfully submitted,

Date: June 14, 2016

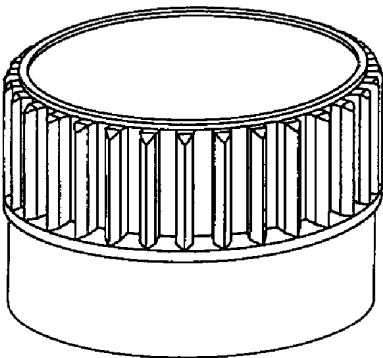
By: /Jason R. Wachter/
Jason R. Wachter (Reg. No. 65,987)
Attorney for the Applicant

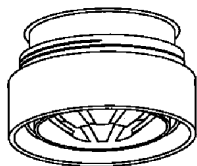
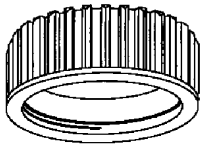
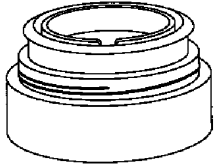
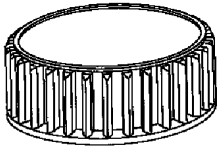
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Design

(19) Registration office code	SI
Design number	9650055-0001
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(18) Expiry date	13-05-2006
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Comment	

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Indication of the product and classification

Language code ⁽⁵⁴⁾ Indication product

sl Zamašek

en Plug

- -

⁽⁵¹⁾ Locarno classification 09.07

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Applicant Identifier 0000519

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No entry for the design number SI701996000050055-0001

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(23) Exhibition priority

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(30) Priority

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Registrations Fully Published

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Recordals

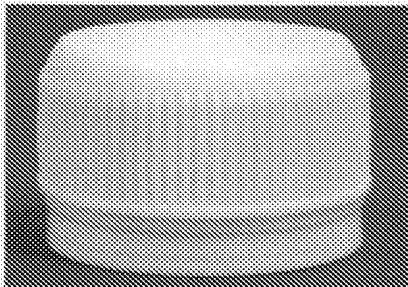
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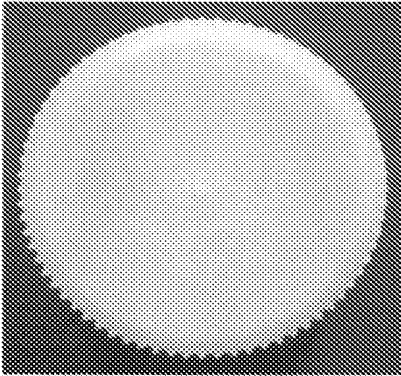
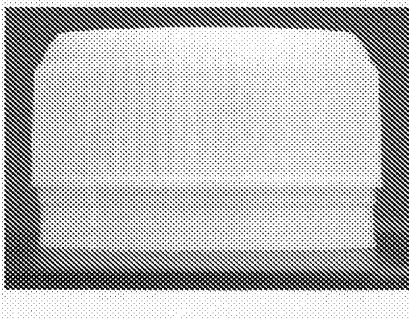
Renewals

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Design

(19) Registration office code	TR
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(21) Application number	2005-01421
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(22) Application date	25-04-2005
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Application reference	
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Design description	
(46) End of deferment	
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Comment	

(55) Representation (views of design)



Indication of the product and classification

Language code ⁽⁵⁴⁾ Indication product

tr Şişe Kapağı

- -

⁽⁵¹⁾ Locarno classification 09.07

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No entry for the design number TR702005000001421-0000

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Recordals

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Record identifier	656307

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Basic record kind	Appointment of new representative
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Renewals

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Espacenet

Bibliographic data: FR2720376 (A1) — 1995-12-01

Container with lid

Inventor(s): SALOMON MICHEL $\pm$ (SALOMON MICHEL)

Applicant(s): SALOMON MICHEL [FR] $\pm$ (SALOMON MICHEL)

Classification: - international: **B65D41/04**; (IPC1-7): B65D41/04; B65D51/14;
B65D81/20
- cooperative: **B65D41/0471**

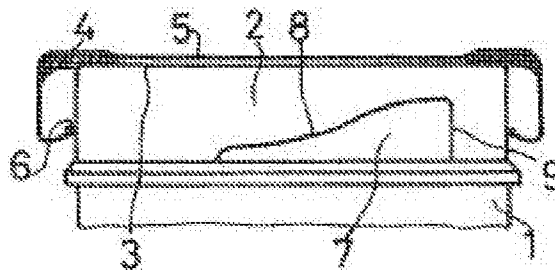
Application number: FR19940006644 19940526

Priority number(s): FR19940006644 19940526

Also published as: FR2720376 (B1) WO9532903 (A1) EP0760788 (A1)
CA2190032 (A1)

Abstract of FR2720376 (A1)

Before the container is opened for the first time, the lid (5) is held against the edge (3) of the container (1) by the depression produced therein. The neck ring (2) includes at least one radial reinforcement comprising, firstly, an upper sloping surface (8) onto which the lug (6) of the lid (5) engages when said lid is moved in the opening direction and, secondly, a rear stop surface (9) against which the lug (6) is located before the container is closed for the first time.



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DEMANDE DE BREVET D'INVENTION

A1

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(56) Liste des documents cités dans le rapport de
recherche préliminaire : *Se reporter à la fin du
présent fascicule.*

(60) Références à d'autres documents nationaux
apparentés :

(71) Demandeur(s) : SALOMON Michel — FR.

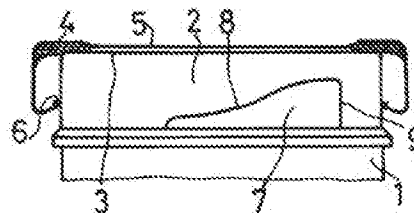
(72) Inventeur(s) : SALOMON Michel.

(73) Titulaire(s) :

(74) Mandataire : Cornuejols Georges.

(54) Bague de col de récipient rigide avec couvercle.

(57) Avant première ouverture le couvercle (5) d'obturation
est maintenu contre le récipient par l'effet du vide d'air créé
dans ce dernier. La bague (2) de col du récipient est remar-
quable notamment en ce qu'elle comporte au moins une
surépaisseur radiale (7) comportant une surface supérieure
(8) en forme de rampe sur laquelle s'engage l'ergot (6) du
couvercle lorsque ce dernier est manœuvré dans le sens
de l'ouverture ce qui a pour effet d'écarter le couvercle du
buvant et de rompre le vide dans le récipient. La surépais-
seur (7) présente une surface arrière (9) contre laquelle
vient buter l'ergot du (6) du couvercle lorsque ce dernier
est sollicité dans un sens inverse à celui conduisant à l'ou-
verture.



FR 2 720 376 - A1





Espacenet

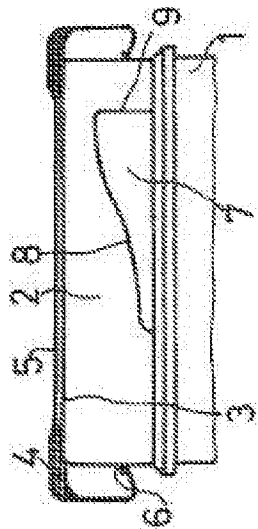
Bibliographic data: FR2720376 (A1) — 1995-12-01**Container with lid**

Inventor(s): SALOMON MICHEL $\pm$ (SALOMON MICHEL)
Applicant(s): SALOMON MICHEL [FR] $\pm$ (SALOMON MICHEL)
Classification: - **international:** **B65D41/04**; (IPC1-7): B65D41/04; B65D51/14;
B65D81/20
- **cooperative:** **B65D41/0471**
Application
number: FR19940006644 19940526

Priority number(s): FR19940006644 19940526**Also published as:** FR2720376 (B1) WO9532903 (A1) EP0760788 (A1)
CA2190032 (A1)**Abstract of FR2720376 (A1)**

Before the container is opened for the first time, the lid (5) is held against the edge (3) of the container (1) by the depression produced therein. The neck ring (2) includes at least one radial reinforcement comprising, firstly, an upper sloping surface (8) onto which the lug (6) of the lid (5) engages when said lid is moved in the opening direction and, secondly, a rear stop surface (9) against which the lug (6) is located before the

container is closed for the first time.



Notice

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CLAIMS FR2720376

CLAIMS:

1.

1. Ring (2) of the container neck (1) with lid (5) the container being intended for the preservation of foodstuffs or other products to keep & the absence of air, said determining ring opening of the container (1) and having a mouth (3) on which is applied the seal (4) of the lid (5) and an outer surface of revolution developing under the rim (3) characterized in that the outer surface of revolution along a fraction of its perimeter, has at least a radial thickened portion (7) having an upper surface (8) ramped on which engages the lug (6) radially of the cover (5) when the latter is actuated in rotation in the opening direction, the engagement lug (6) on the ramp in combination with the rotational movement causing the separation of the lid with respect to drinking thus creating leakage between the seal (4) and the rim (3) and breaks the vacuum in the container and the radial thickened portion (7) has a rear abutment surface (9) radially, secant and perpendicular to the circular path accomplished by the lug (6) when the lid is actuated in rotation, which allows to prohibit the movement of the lid in a direction opposite to that leading to the opening when the lug abuts against the surface (9).

2.

2. receptacle neck ring with lid according to claim 1 characterized in that the ramp surface (2) is secant to the circular path accomplished by the lug (6) when the lid (5) is operated in the direction of the opening and that said path is oblique to the surface of the ramp (8).

3.

3. container neck ring with lid according to any one of the preceding claims characterized in that the neck (2) has several radial thicknesses arranged at regular intervals from each other.

4. receptacle neck ring with lid according to claim 3 characterized in that each radial thickened portion (7) at the rear part, below the path of the lug (6) has a notch (10) of blocking in which by compression of the seal (4) and rotation of the cover the lug is engaged, to ensure mechanical locking of the lid to the container and ensure the closure of the latter.

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DESCRIPTION FR2720376

RING WITH RIGID CONTAINER COL <RTI> COVER. </ RTI>

The present invention relates to a rigid container neck ring to be vacuum sealed by a lid for the conservation of foodstuffs or other products to be kept in airtight, but may be pasteurized or sterilized, the container after first opening can be closed by using the original cover.

It is specified by the container neck finish is the part of the neck of the latter arranged to receive the lid, the said ring may include means for locking the lid on the container.

containers are already known and lids for food preservation.

The lid of the containers is in the form of a disc with seal, placed on the rim of the neck ring of the container after formation of a vacuum therein. The opening of the container is made by piercing the cover, which therefore can not be used after the first opening.

To overcome this drawback, this type of packaging has a second cover formed with screw threaded to cooperate with the helical thread that includes the neck finish of the container. This second cover is not provided with a seal, which does not allow a sealed closure of the container

after first opening.

other containers are known with lids equipped with seal. Such containers after first opening can be closed in an almost sealed lids.

The neck ring of these containers of generally cylindrical shape is provided with at least one helical thread and the cover of at least one internal lug developing substantially in a radial direction. By screwing, the pin is brought into pressure against the underside of the thread and tightening in the direction of screwing, the seal is compressed between the rim of the neck ring and the bottom cover, which ensures sealing. The disadvantage of such an arrangement lies in the fact that the anti-corrosion coating that contains each pin can be <RTI> DETERIORATION </RTI> during screwing, which promotes the subsequent appearance of rust spots, which in altering the appearance of the container render the product unfit for marketing.

This type of container with lid is sometimes used for the preservation of products under vacuum.

For the formation of empty, due to the coupling configuration by screw between the container and lid, it is difficult to use vacuum bells.

Indeed, a conclusive result with the latter is obtained only if the cover has a freedom of vertical movement relative to the rim of the receptacle on the one hand and if the lid by simple translation may be applied to the rim of the other part .

The only freedom of movement vertical tightening front cover, with a screw-coupling is only given by the functional clearances which remain relatively low. Moreover the lid may be applied to the rim by screwing. For these reasons, the use of a vacuum chamber to form a vacuum in this type of container with lid does not give the desired results and to overcome this drawback, the vacuum is provided by steam condensation in the usual technique. However, such a technique does not allow obtaining air voids pronounced and perfectly controlled.

Another disadvantage of this type of container is the fact that the closure is mainly by mechanical linkage breaking the empty air in the jar for example due to poor sealing or attempted fraud will not be detected.

Despite these drawbacks, this type of container with lid has the advantage of opening without destruction of the cover due to the mating screw forcing the décolement of the lid when it is operated in the opening direction. However the aperture manually operated is not always easy because of the lack of mastery of the torque loosening.

The present invention aims to solve the problems mentioned above by implementing a rigid container with lid which has the advantages of previous solutions without presenting the disadvantages.

For this purpose, the container neck finish according to the invention, provided with a mouth which is applied against the seal carried by the cover and an outer surface of revolution developing under the rim is essentially characterized in that on its external surface of revolution it has a radial thickened portion developing along at least a fraction of its perimeter, which thickened portion has an upper surface shaped ramp on which engages the radial lug of the lid when the latter is maneuvered in rotation in the direction of opening, said opening being effected by rotation of the lid and engagement of the lug on the ramp so that the rotational movement continues, the cover by its lug is away from the drinking and O seal Decole of the latter. An air leak can then be formed to which breaks the vacuum in the container.

Before the first opening, the angular position of the cover on the neck is such that its lug is angularly spaced from the ramp surface.

Furthermore, before the first opening of the maintenance lid on the rim of the neck and thus sealing the container is ensured only by the effect of the vacuum prevailing in said vessel.

The advantage of such a solution lies in the fact that all leaks between the seal and the mouth, resulting from a manufacturing defect of attempted fraud, etc ...

cause breakage of vacuum in the container and the décolement cover. The trader could thus spread the product and avoid its display to offer the marketing of products unfit for sale.

Another advantage of the invention lies in the fact that it can be used a vacuum chamber for producing a vacuum in the container. Indeed, the lid before vacuum formation in the container and

closure of the latter, has a large degree of freedom in elevation so that the seal may be maintained at the lip spacing during vacuum formation. With this arrangement, it is now possible to fully control the vacuum in the container, so the value of depression and consequently to adjust the value of the mechanical torque to print the lid to open the container. The torque required to open will be significant enough to prohibit the operation of the lid by young children and low enough to allow this operation to people acted out.

For the consumer to close the sealed container after first opening and with the same cover, the invention according to another of its aspects provides a notch in the rear portion of the radial thickness in which, by compression of the seal of and rotation of the cover is brought the pin of the latter, said pin after release of compression which is applied against the upper horizontal face of the notch, which provides mechanical locking of the lid relative to the container.

Other objects and features of the invention advantages will appear from the description of a preferred embodiment given by way of nonlimiting example with reference to the accompanying drawings in which - Figure 1 shows the neck ring of a container with extra thickness in a first embodiment, - Figure 2 shows the ring neck of a container with extra thickness in a second embodiment.

In the accompanying figures is shown a container 1 with two neck ring substantially cylindrical, for example, defining the opening of the container and having a mouth 3 in the upper part on which applies the seal 4 of the cover 5 of shutter which comprises a bottom receiving the seal 4 and a cylindrical skirt having at least one radial lug 6.

When the lid 5 is positioned on the rim 3, the cylindrical skirt comes around the outer surface of revolution of the neck ring 2 and the pin 6 forms a radial projection towards this surface of revolution.

According to the invention, the neck ring has on its outer surface of revolution at least one radial thickened portion 7 comprising an 8 inclined upper surface forming a ramp surface 1. This ramp surface is secant to the circular path accomplished by the lug when the lid is operated to rotate on the neck finish of the container. Furthermore, this ramp surface occupies an oblique position relative to the path of the lug.

The radial thickened portion has a front end shaped peak corresponding to the lowest point of the

ramp and a rearward end corresponding to the highest point of the ramp, that is to say, to the one located closest to the drinking 3. The <RTI> ends </ RTI> front and rear of the ramp are preferably angularly spaced apart from each other. The front end of the ramp is situated slightly below the path of the lug while the rear end is located above this path. The movement of the lug on the ramp in the opening direction takes place in the direction of the highest item of the latter. The slope of the ramp will be adapted <RTI> & </ RTI> the amount of torque required to ensure openness and be sufficiently pronounced to the radial oversize 7 occupies only a portion of the perimeter of the neck.

Back end the thickened portion 7 has a rear abutment surface 9 radially with respect to the parallel neck to the central axis of symmetry of the collar and secant to the circular path of the lug 6. Said rear abutment surface is oblique to the surface of the ramp and extends downwardly from the rear end thereof. This arrangement of the invention, when the lug is in contact with the abutment surface 9 prohibits the rotational movement of the cover 5 in a direction opposite to that leading to the opening.

In order to close the container after the first opening and using the same cover 5, the rear part of the thickening present below the circular path of the pin, a locking notch 10 in which, by elastic compression of the seal by axial thrust on the cover and rotation of the latter is engaged the lug 6.

The notch 10 has an upper edge 11 forming a right angle with the abutment surface. After releasing the axial thrust on the cover 5, the lug 6 under the effect of the action exerted by the gasket on the rim and on the lid 5 is applied against the upper edge it of the notch 10, which ensures the locking of the lid in the closed position.

The notch 10 away from the surface of the stopper 9 has a bottom edge 12 developing perpendicularly to the upper surface 11. The bottom edge is to stop the progression of the pin 6 in the slot 10.

The neck finish of the container may be equipped with one or more radial thickened portion 7.

In the case or is provided only one radial excess thickness latter may develop according to a fraction of the perimeter of the ring and only the portion thereof opposite to the thickness being free of any projection. Before first closure, prior to this operation, the lid will be angularly positioned with respect to the ring so that its single lug is opposite the free part of the projection

ring. In this way no obstacle is formed in movement of the lid to the rim when the first closure.

The ring may be equipped a plurality of radial thickenings angularly spaced from each other and arranged at regular intervals from each other on the perimeter of the neck 2. With such an arrangement, the lid will present as many pins as radial extra thickness.

Before closing the first lid lugs will be disposed opposite the gaps between the radial thickened portions which are free of any projections which could come against the lugs wear which would impede the movement of the lid to the rim when the first closure. By way of nonlimiting example, for a container which can be closed after first opening will be provided at least two radial thickenings with notches disposed on the neck symmetrically with respect to the central axis of the latter and the lid present at least two lugs both disposed along the same diameter.

It goes without saying that the present invention can receive any arrangements and all variants in the field of technical equivalents without departing from the scope of this patent.

1 BAGUE DE COL DE RECIPIENT RIGIDE AVEC COUVERCLE.

La présente invention a pour objet une bague de col de récipient rigide destiné à être fermé sous vide par un couvercle en vue de la conservation de denrées alimentaires ou autres produits à garder à l'abri de l'air, mais qui peuvent être pasteurisés ou stérilisés, le récipient après première ouverture pouvant être refermé en utilisant le couvercle d'origine.

Il est précisé que par bague de col de récipient on entend la partie du col de ce dernier agencée pour recevoir le couvercle, la dite bague pouvant comporter des moyens pour assurer le blocage du couvercle sur le récipient.

On connaît déjà des récipients et couvercles pour la conservation de produits alimentaires.

15 Le couvercle de ces récipients se présente sous la forme d'un disque avec joint, mis en place sur le buvant de la bague du col du récipient après formation d'un vide d'air dans ce dernier. L'ouverture du récipient est opérée par percement du couvercle, lequel pour cette raison ne peut plus être utilisé après la première ouverture.

Afin de pallier à cet inconvénient, ce type de conditionnement est équipé d'un second couvercle formé avec pas de vis pour coopérer en vissage avec le filet en hélice que comporte la bague de col du récipient. Ce second couvercle n'est pas prévu avec joint d'étanchéité, ce qui ne permet pas une fermeture étanche du récipient après première ouverture.

On connaît d'autres récipients avec couvercles pourvus de joint étanche. De tels récipients après première

1 ouverture peuvent être refermés de manière quasi étanche par leur couvercle.

La bague de col de ces récipients, de forme générale cylindrique est pourvue d'au moins un filet en hélice et le
5 couvercle d'au moins un ergot interne se développant substantiellement selon une direction radiale. Par vissage, l'ergot est amené en pression contre la face inférieure du filet et par serrage dans le sens de vissage, le joint d'étanchéité est comprimé entre le buvant de la bague de col
10 et le fond du couvercle, ce qui assure une fermeture étanche. L'inconvénient d'une telle disposition réside dans le fait que le revêtement anti-corrosion que comporte chaque ergot peut être détérioré lors du vissage, ce qui favorise l'apparition ultérieure de points de rouille, lesquels en
15 altérant l'aspect visuel du récipient rendent le produit impropre à la commercialisation.

Ce type de récipient avec couvercle est parfois utilisé pour la conservation de produits sous-vide.

Pour la formation du vide, en raison de la configuration de
20 l'accouplement par pas de vis entre le récipient et son couvercle, il est difficile d'utiliser des cloches à vide. En effet, un résultat probant avec ces dernières n'est obtenu que si le couvercle présente une liberté de déplacement vertical par rapport au buvant du récipient
25 d'une part et si le couvercle par simple translation peut être appliqué sur le buvant d'autre part.

La seule liberté de déplacement vertical du couvercle avant serrage, avec un accouplement par vissage est donnée seulement par les jeux fonctionnels lesquels demeurent

1 relativement faibles. Par ailleurs le couvercle ne peut être
appliqué sur le buvant que par vissage. Pour ces raisons,
l'utilisation d'une cloche à vide pour former le vide dans
ce type de récipient avec couvercle ne donne pas les
5 résultats escomptés et pour pallier à cet inconvénient, le
vide est assuré par condensation de vapeur selon la
technique usuelle. Cependant, une telle technique, ne permet
pas l'obtention de vides d'air prononcés et parfaitement
contrôlés.

10 Un autre inconvénient de ce type de récipient
réside dans le fait que la fermeture étant principalement
assurée par liaison mécanique la rupture du vide d'air dans
le bocal due par exemple à une mauvaise étanchéité ou à une
tentative de fraude ne pourra être détectée.

15 Malgré tous ces inconvénients, ce type de récipient
avec couvercle présente l'avantage d'une ouverture sans
destruction du couvercle en raison de l'accouplement par pas
de vis qui force le décollement du couvercle lorsque ce
dernier est manœuvré dans le sens de l'ouverture. Cependant
20 l'ouverture opérée manuellement n'est pas toujours aisée en
raison de l'absence de maîtrise du couple de desserage.

La présente invention a pour objet de résoudre les
problèmes précédemment évoqués en mettant en oeuvre un
récipient rigide avec couvercle qui présente les avantages
25 des solutions antérieures sans en présenter les
inconvénients.

A cet effet, la bague de col de récipient selon
l'invention, pourvue d'un buvant contre lequel est appliqué
le joint d'étanchéité porté par le couvercle et d'une

1 surface externe de révolution se développant sous le buvant
se caractérise essentiellement en ce que sur sa surface
externe de révolution elle présente une surépaisseur radiale
se développant suivant au moins une fraction de son
5 périmètre, laquelle surépaisseur comporte une surface
supérieure en forme de rampe sur laquelle s'engage l'ergot
radial du couvercle lorsque ce dernier est manoeuvré en
rotation dans le sens de l'ouverture, la dite ouverture
s'opérant par rotation du couvercle et engagement de l'ergot
10 sur la rampe en sorte que le mouvement de rotation se
poursuivant, le couvercle par son ergot soit éloigné du
buvant et le joint d'étanchéité décollé de ce dernier. Une
fuite d'air peut alors se former se qui rompt le vide dans
le récipient.

15 Avant la première ouverture, la position angulaire
du couvercle sur le col est telle que son ergot est écarté
angulairement de la surface de la rampe.

Par ailleurs, avant la première ouverture le
maintien du couvercle sur le buvant du col et donc la
20 fermeture étanche du récipient n'est assurée que par l'effet
de la dépression régnant dans ledit récipient.

L'intérêt d'une telle solution réside dans le fait que
toutes fuites entre le joint et le buvant, résultant d'un
défaut de fabrication d'une tentative de fraude, etc...
25 provoquera la rupture du vide dans le récipient et le
décolement du couvercle. Le commerçant pourra donc écarter
le produit de son étalage et éviter de proposer à la
commercialisation des produits impropres à la vente.

Un autre intérêt de l'invention réside dans le fait

1 qu'il peut être utilisé une cloche à vide pour réaliser le
vide dans le récipient. En effet, le couvercle avant
formation du vide dans le récipient et obturation de ce
dernier, possède un grand degré de liberté en élévation si
5 bien que le joint d'étanchéité pourra être maintenu à
écartement du buvant lors de la formation du vide. Grâce à
cette disposition, il est maintenant possible de contrôler
parfaitement le vide dans le récipient, donc la valeur de la
dépression et par voie de conséquence d'ajuster la valeur du
10 couple mécanique à imprimer au couvercle pour ouvrir le
récipient. La valeur du couple nécessaire à l'ouverture
pourra être suffisamment importante pour interdire la
manoeuvre du couvercle par des jeunes enfants et
suffisamment faible pour autoriser cette manoeuvre à des
15 personnes âgées.

Pour que le consommateur puisse refermer le
récipient de manière étanche après première ouverture et
avec le même couvercle, l'invention selon un autre de ses
aspects prévoit une encoche pratiquée dans la partie arrière
20 de la surépaisseur radiale dans laquelle, par compression du
joint d'étanchéité et rotation du couvercle, est amené
l'ergot de ce dernier, ledit ergot après relachement de la
compression venant s'appliquer contre la face supérieure
horizontale de l'encoche, ce qui assure le blocage mécanique
25 du couvercle par rapport au récipient.

D'autres avantages buts et caractéristiques de
l'invention apparaîtront à la description d'une forme
préférée de réalisation donnée à titre d'exemple non
limitatif en se référant aux dessins annexés en lesquels :

- 1 - la figure 1 montre la bague de col d'un récipient avec surépaisseur selon une première forme de réalisation,
- la figure 2 montre la bague de col d'un récipient avec surépaisseur selon une seconde forme de réalisation.

5 Sur les figures jointes est représenté un récipient 1 avec bague de col 2 substantiellement cylindrique, par exemple, délimitant l'ouverture du récipient et comportant un buvant 3 en partie supérieure sur lequel s'applique le joint d'étanchéité 4 du couvercle 5 d'obturation lequel
10 comporte un fond recevant le joint d'étanchéité 4 et une jupe cylindrique portant au moins un ergot radial 6.

Lorsque le couvercle 5 est positionné sur le buvant 3, la jupe cylindrique vient autour de la surface externe de révolution de la bague de col 2 et l'ergot 6 forme une
15 saillie radiale vers cette surface de révolution.

Conformément à l'invention, la bague de col présente sur sa surface externe de révolution au moins une surépaisseur radiale 7 comportant une surface supérieure 8 inclinée formant une surface de rampe 1. Cette surface de
20 rampe est sécante à la trajectoire circulaire accomplie par l'ergot lorsque le couvercle est manoeuvré en rotation sur la bague de col du récipient. Par ailleurs, cette surface de rampe occupe une position oblique par rapport à la trajectoire de l'ergot.

25 La surépaisseur radiale comporte une extrémité avant en forme en pointe correspondant au point le plus bas de la rampe et une extrémité arrière correspondant au point le plus haut de la rampe, c'est-à-dire, à celui situé au plus près du buvant 3. Les extrémités avant et arrière de la

1 rampe sont de préférence écartées angulairement l'une de
l'autre. L'extrémité avant de la rampe est située légèrement
en dessous de la trajectoire de l'ergot tandis que
l'extrémité arrière est située au dessus de cette
5 trajectoire. Le mouvement de l'ergot sur la rampe dans le
sens de l'ouverture s'effectue en direction du point le plus
haut de cette dernière. La pente de la rampe sera adaptée à
la valeur du couple requise pour assurer l'ouverture et sera
suffisamment prononcée pour que la surépaisseur radiale 7
10 n'occupe qu'une portion du périmètre du col.

En extrémité arrière la surépaisseur 7 présente une
surface arrière de butée 9 radiale par rapport au col
parallèle à l'axe central de symétrie du col et sécante à la
trajectoire circulaire de l'ergot 6. Cette surface arrière
de butée est oblique par rapport à la surface de la rampe et
15 s'étend vers le bas à partir de l'extrémité arrière de cette
dernière. Cette disposition de l'invention, lorsque l'ergot
est au contact de la surface de butée 9 interdit le
mouvement de rotation du couvercle 5 dans un sens inverse à
celui conduisant à l'ouverture.

20 Afin de pouvoir refermer le récipient après la
première ouverture et en utilisant le même couvercle 5, la
partie arrière de la surépaisseur présente en dessous de la
trajectoire circulaire de l'ergot, une encoche de blocage 10
dans laquelle, par compression élastique du joint par
25 poussée axiale sur le couvercle et rotation de ce dernier
est engagé l'ergot 6.

L'encoche 10 présente, une bordure supérieure 11 formant
angle droit avec la surface de butée. Après relachement de

1 la poussée axiale sur le couvercle 5, l'ergot 6 sous l'effet
de l'action exercée par le joint sur la buvant et sur le
couvercle 5 est appliqué contre la bordure supérieure 11 de
l'encoche 10, ce qui assure le blocage du couvercle en
5 position de fermeture.

L'encoche 10 à distance de la surface de la butée 9
présente une bordure de fond 12 se développant
perpendiculairement à la surface supérieure 11. Cette
bordure de fond constitue arrêt à la progression de l'ergot
10 6 dans l'encoche 10.

La bague de col du récipient pourra être équipée
d'une ou plusieurs surépaisseur radiales 7.
Dans le cas où n'est prévue qu'une seule surépaisseur
radiale cette dernière pourra se développer suivant une
15 fraction du périmètre de la bague seulement et la partie de
cette dernière opposée à la surépaisseur sera exempte de
toute saillie. Avant première fermeture, en préalable à
cette opération le couvercle sera positionné angulairement
par rapport à la bague en sorte que son unique ergot soit en
20 regard de la partie de la bague exempte de saillie. De cette
façon aucun obstacle n'est formé au mouvement du couvercle
vers le buvant lors de la première fermeture.

La bague pourra être équipée de plusieurs surépaisseurs
radiales écartées angulairement les unes des autres et
25 disposées à intervalles réguliers les unes des autres sur le
périmètre du col 2. Avec une telle disposition, le couvercle
présentera autant d'ergots que de surépaisseurs radiales.
Avant première fermeture les ergots du couvercle seront
disposés en regard des intervalles entre les surépaisseurs

1 radiales lesquels sont exempt de toutes saillies contre
lesquelles pourraient venir porter les ergots ce qui
constituerait obstacle au mouvement du couvercle vers le
buvant lors de la première fermeture. A titre d'exemple non
5 limitatif, pour un récipient pouvant être obturé après
première ouverture seront prévues au moins deux
surépaisseurs radiales avec encoches disposées sur le col de
manière symétrique par rapport à l'axe central de ce dernier
et le couvercle présentera au moins deux ergots disposés
10 tous deux suivant un même diamètre.

Il va de soi que la présente invention peut
recevoir tous aménagements et toutes variantes dans le
domaine des équivalents techniques sans pour autant sortir
du cadre du présent brevet.

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1 REVENDEICATIONS :

1. Bague (2) de col de récipient (1) avec couvercle (5) ledit récipient étant destiné à la conservation de produits alimentaires ou autres produits à garder à l'abri de l'air, ladite bague déterminant l'ouverture du récipient (1), et comportant un buvant (3) sur lequel est appliqué le joint (4) du couvercle (5) ainsi qu'une surface externe de révolution se développant sous le buvant (3) caractérisée en ce que sa surface externe de révolution, suivant une fraction de son périmètre, présente au moins une surépaisseur radiale (7) comportant une surface supérieure (8) en forme de rampe sur laquelle s'engage l'ergot (6) radial du couvercle (5) lorsque ce dernier est manoeuvré en rotation dans le sens de l'ouverture, l'engagement de l'ergot (6) sur la rampe en combinaison avec le mouvement de rotation provoquant l'écartement du couvercle par rapport au buvant ce qui crée une fuite entre le joint (4) et le buvant (3) et rompt le vide dans le récipient et que la surépaisseur radiale (7) présente une surface arrière de butée (9) radiale, sécante et perpendiculaire à la trajectoire circulaire accomplie par l'ergot (6) lorsque le couvercle est manoeuvré en rotation, ce qui permet d'interdire le mouvement du couvercle dans un sens inverse à celui conduisant à l'ouverture lorsque l'ergot vient en butée contre la surface (9).

2. Bague de col de récipient avec couvercle selon la revendication 1 caractérisée en ce que la surface de rampe (2) est sécante à la trajectoire circulaire accomplie par l'ergot (6) lorsque le couvercle (5) est manoeuvré dans

1 le sens de l'ouverture et que la dite trajectoire est
oblique par rapport à la surface de la rampe (8).

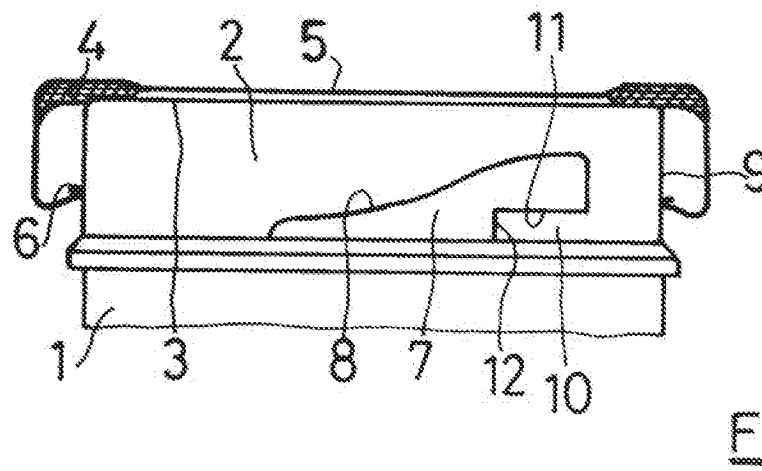
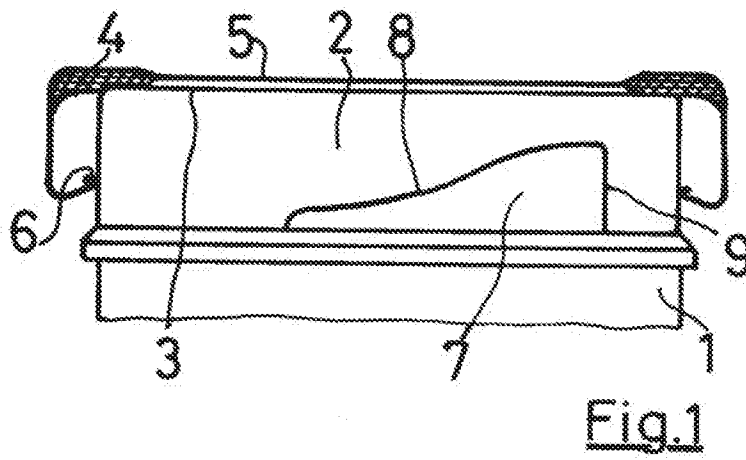
3. Bague de col de récipient avec couvercle selon
l'une quelconque des revendications précédentes caractérisée
5 en ce que le col (2) est doté de plusieurs surépaisseurs
radiales disposées à intervalles réguliers les unes des
autres.

4. Bague de col de récipient avec couvercle selon
la revendication 3 caractérisée en ce que chaque
10 surépaisseur radiale (7) en partie arrière, en dessous de la
trajectoire de l'ergot (6) présente une encoche (10) de
blocage dans laquelle par compression du joint (4) et
rotation du couvercle l'ergot est engagé, pour assurer le
blocage mécanique du couvercle au récipient et assurer la
15 fermeture de ce dernier.

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DOCUMENTS CONSIDERES COMME PERTINENTS		Revendications concernées de la demande nominale
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes	
X	FR-A-664 507 (AMERICAN METAL CAP) * le document en entier * -----	1-4
A	US-A-3 794 200 (MARKS) * revendication 12; figures 1-3 * -----	1-4
A	WO-A-82 03058 (CONTINENTAL GROUP) * figure 1 * -----	1-4
		DOMAINES TECHNIQUES RECHERCHES (Not. CL. 4)
		B65D
Date d'achèvement de la recherche		Examineur
9 Février 1995		Bessy, M
CATEGORIE DES DOCUMENTS CITES		
X : particulièrement pertinent à lui seul V : particulièrement pertinent en combinaison avec un autre document de la même catégorie A : pertinent à l'ensemble d'un ensemble une revendication ou série-plus technologique globale O : divulgation non écrite F : document intermédiaire T : théorie ou principe à la base de l'invention E : document de brevet identifiant d'une date antérieure à la date de dépôt et qui n'a été publié qu'à cette date de dépôt ou qu'à une date postérieure. D : cité dans la demande L : cité pour d'autres raisons A : membre de la même famille, document correspondant		



Espacenet

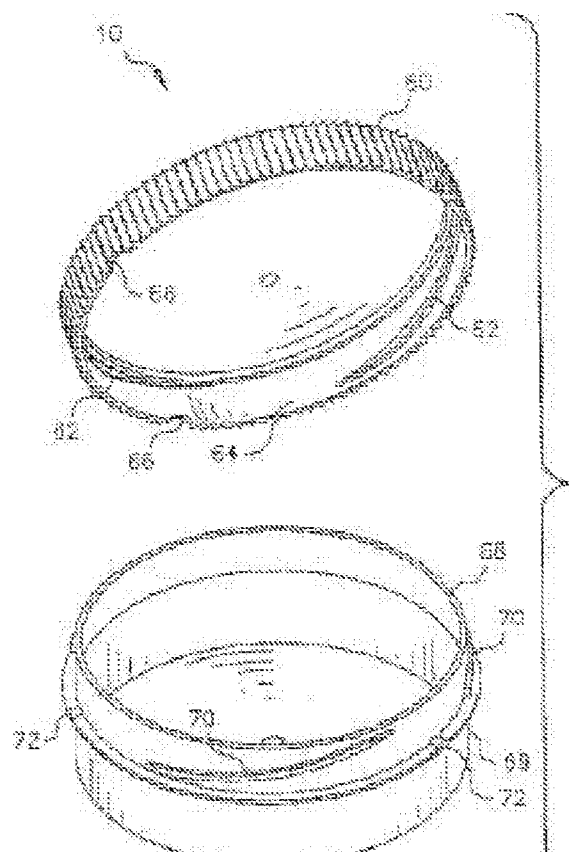
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LIGHT RESISTANT PACKAGING CONTAINER

Inventor(s): EARNHART EDGAR G $\pm$ (EARNHART EDGAR G)
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Classification: - international: **B65D41/04; B65D43/02; B65D8/04;**
 (IPC1-7): B65D41/04
 - cooperative: **B65D41/0471; B65D43/0231**
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Abstract of JP2001158455 (A)

PROBLEM TO BE SOLVED: To provide a container for packaging a photo-sensitive film product in which a tape used for rigidly closing a product container and a lid to assure a light-shielding characteristic during transportation and handling of the photo-sensitive film product is not needed, resulting in that its expenditure is reduced and its waste disposal is not needed. **SOLUTION:** A container for use in packaging a photo-sensitive film of the present invention has a feature that its either locking or unlocking is performed by an anti-rotating feature. A container compartment is closed under its light resistant state to prevent a product from being exposed to light. The lid and the container compartment have at least one thread fitted to the other thread from each other so as to cause the packaging container to



be rigidly fastened. A raised part of the container compartment is fitted to a notch formed at a lid to prevent the lid from being moved around its axis. The raised part and the notch are fitted to each other to cause the packaging container to become light resistant state.

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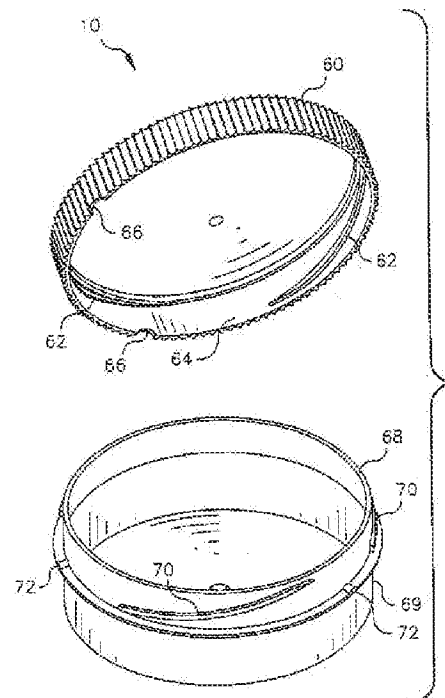
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(54) 【発明の名称】 耐光包装コンテナ

(57) 【要約】

【課題】 本発明は、感光フィルム製品の輸送及び取り扱いの際の耐光性を保証するために、製品コンテナと蓋を堅く閉じるのに用いられるテープを必要とすることなく、従って、経費が削減され廃棄処理が必要となくなる感光フィルム製品を包装するコンテナを提供することを目的とする。

【解決手段】 本発明の感光フィルムを包装するコンテナは、回り止め特徴によってロック又はロックが解除される特徴を有し、コンテナコンパートメントを耐光状態に閉じ、製品が露光されることを防ぐ。蓋及びコンテナコンパートメントは互いに嵌合される少なくとも1つのネジ山をそれぞれ有し、包装コンテナが堅く締められる。コンテナコンパートメントの一部に成形された隆起部は蓋に形成されたノッチと嵌合し、蓋が軸回りに動くことが阻止される。隆起部とノッチが嵌合することによって、包装コンテナは耐光状態となる。



【特許請求の範囲】

【請求項1】 基部と、上記基部を囲む側壁と、上記基部に対向する中心開口とを有し全体的に円筒状であるコンテナコンパートメントと、

上記側壁の少なくとも一部を覆うよう形成された全体的に円筒状である蓋とを含む耐光包装コンテナであり、

上記側壁は、少なくとも1つの螺旋状に設けられた第1のネジ山と上記少なくとも1つの第1のネジ山から間隔が置かれ、上記側壁の周りに少なくとも部分的に延在するフランジを有し、

上記フランジは、軸方向に延在する第1の回り止め特徴を有し、

上記蓋は、上記コンテナコンパートメントの上記少なくとも1つの第1のネジ山と協働して掛合する、内部壁から螺旋状に延在する少なくとも1つの第2のネジ山を有し、

上記蓋は、外周部の縁に形成され、上記フランジの上記第1の回り止め特徴と嵌合する第2の回り止め特徴を有し、上記蓋が上記フランジに沿って軸回りに動くことが阻止される耐光包装コンテナ。

【請求項2】 上記第1の回り止め特徴は、全体的に弧状の隆起部であり、

上記第2の回り止め特徴はノッチである請求項1記載の耐光包装コンテナ。

【請求項3】 上記ノッチは、全体的にアーチ型の形状を有し、上記隆起部を上記ノッチと嵌合した位置及び嵌合していない自由位置に案内する第1のランドを一方に、第2のランドを反対側に有する請求項2記載の耐光包装コンテナ。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は、一般的に包装の分野に係り、特に感光ウェブ材料の長いロールの包装に係る。本発明は更に、輸送及び保管の際にぴったりと閉じられ、耐光性が保証される特徴を含む耐光包装コンテナに係る。

【0002】

【従来の技術】例えば、審査写真、社会的／人物写真及び商業写真に用いられる写真フィルムのような感光ウェブ材料の長いロールは、一般的に製造業者からフィルム加工業者までの耐光性が確実とされたコンテナに包装される。感光フィルムのロールはフランジを有する又は有さない芯に巻きつけられる。一般的に、耐光コンテナはフィルムコンパートメントとフィルムコンパートメントの周りにぴったりとはまる蓋を有する。コンテナはしばしば金属又はプラスチックから形成される。

【0003】上記フィルムコンテナの蓋は、輸送及び取り扱いの際に光を通さないことを保証するためにフィルムコンパートメントにしっかりと接続されていなければならないことが周知である。フィルムコンパートメント

をしっかりと閉めることは、現在は、周縁部をテープのような不透明又は部分的に不透明な接着材料で巻き、蓋とフィルムコンパートメントの間の継ぎ目を覆うことによって保証されている。一般的に、工場から撮影者への、製品の輸送及び取り扱いの際の製品の耐光性を保証するために、感光フィルム製品の製造業者が暗い環境で、フィルムコンパートメントと蓋の間の継ぎ目に接着材料又はテープを貼る。製品を使用するとき、撮影者は継ぎ目からテープを取り除き環境に配慮した一連の廃棄処理にのるようこれを処分する。撮影者は、包装コンテナをダークバックに入れるまで又は暗室に入るまで耐光状態に保つ。暗い環境にいるときに、撮影者は包装コンテナを開け、フィルムを取り出しカメラに入れる。写真を露光させた後に、撮影者はダークバック又は暗室を用いて、カメラからフィルムを取り出し露光されたフィルムを耐光包装コンテナに入れる。次に撮影者は蓋が設けられた包装コンテナのフィルムコンパートメントを耐光状態にさせ、撮影者から現像室への輸送及び取り扱いの際の耐光性を保証するために継ぎ目にテープを巻く。フィルム加工者又は現像室において、蓋とフィルムコンパートメントの間の継ぎ目を固定しているテープをはがしフィルムを取り出す。

【0004】

【発明が解決しようとする課題】感光フィルム製品を包装する現行の包装コンテナは、多数の欠点を有する。例えば、接着材料又はテープは、フィルム製造過程において（更なる作業員が必要であることにより）更なる人件費が必要となる。作業員は、感光フィルムを取り扱うのに適している暗い環境においてテープを切る際に怪我をする可能性がある。テープを用いることにより、感光製品を保護するためにコンテナにテープを貼るフィルム製造業者に望ましくない更なる経費負担がかかる。更に、テープを剥し最終的にはテープを捨てる撮影者に廃棄処理の負担がかかる。更に、現像室へ輸送する前にフィルムコンテナに再びテープを貼る撮影者に経費負担がかかる。最後に、テープを剥し露光されたフィルムを取り出し、そしてテープを捨てる現像室においても廃棄処理の負担がかかる。

【0005】1998年10月6日の、Roigによる「Package With Safety Lid and Seal」なる名称の米国特許第5816422号では、主に安全性と保健を考慮した、ネジ山が設けられロック可能な蓋を有するコンテナが記載されている。上記特許に記載されるコンテナは、本体の四部9、10と合わせられる、突出部5、6を蓋に有する。上記特許におけるロック機構の保水性は、本発明が満たすように耐光性の必要条件を満たさない。

【0006】従って、フィルム製品を耐光保護するテープの代わりとなり、簡単に使用でき更に費用効果的な感光フィルム製品を包装する包装コンテナが必要となる。

【0007】従って、本発明は、暗い環境において取り

出し易い。感光フィルム製品を包装する耐光包装コンテナを提供することを目的とする。

【0008】本発明は更に、付加的な材料を必要とすることなく、暗い環境で容易に開けられる耐光包装コンテナを提供することを目的とする。

【0009】本発明は更に、環境に配慮した一連の廃棄処理において廃棄物を増やしてしまう問題を解決する、感光フィルムを包装する耐光包装コンテナを提供することを目的とする。

【0010】

【課題を解決するための手段】本発明の特徴は、フィルムコンパートメントのフランジに成形された第1の回り止め特徴が、蓋に成形された第2の回り止め特徴と嵌合し、フィルムコンパートメントに光が入らないことを保証することである。

【0011】上記及び他の目的を解決するために、本発明の特徴及び利点は、本発明の一つの面として下記のような耐光包装コンテナによって提供される。本発明の耐光包装コンテナは、基部、上記基部を囲む側壁及び上記基部に対向する中心開口を有し、全体的に円筒状のコンテナコンパートメントを含み、上記側壁は螺旋状に設けられた少なくとも1つの第1ネジ山と、上記ネジ山から間隔が置かれ上記側壁の周りに少なくとも部分的に延在するフランジを有し、上記フランジはフランジから軸方向に延在する第1の回り止め特徴を有する。

【0012】本発明の耐光包装コンテナは更に、上記側壁の少なくとも一部を覆うよう形成された全体的に円筒状の蓋を含み、上記蓋は上記コンテナコンパートメントの上記第1のネジ山と協働して掛合する、内壁から螺旋状に延在する少なくとも1つの第2のネジ山を有し、上記蓋は上記フランジの第1の回り止め特徴と嵌合する外周部の縁に設けられた第2の回り止め特徴を有し、上記蓋が上記フランジに沿って軸回りに動かないようにする。

【0013】本発明は、現在の発展において多数の有利な効果を有する。まず第1に、本発明は、製品コンパートメント内の耐光状態を保証するために、蓋と製品コンパートメントの間の継ぎ目を固定させるための接着テープを必要としない。次に、本発明は、接着テープに関連した経費や廃物が無くなる。本発明は更に単純に生産され、費用がかからない。更に本発明の包装コンテナは簡単に使用できる。

【0014】

【発明の実施の形態】本発明の上記及び他の目的、特徴及び利点は、下記の説明及び図面を参照することによってより明らかになるであろう。図面に共通する同一特徴に同一の符号が付けられる。

【0015】特に図1乃至4を参照し、例えば感光フィルムのロールのような製品を、耐光状態で保管及び輸送することに適している包装コンテナ10及び/又はその

コンポーネントが示される。図1及び4には、コンテナコンパートメント12と、光を通さないように上記コンテナコンパートメント12にぴったりと合わされた（下記に説明する）蓋22が設けられ、閉じられた状態の包装コンテナ10を示す。図2を参照すると、包装コンテナ10は全体的に円筒状であるコンテナコンパートメント12を有する。図2に示されるように、コンテナコンパートメント12は略円形の基部14、上記基部を取り囲む側壁16及びコンテナコンパートメント12に、取出し可能にするための上記基部14に対向した開口17を有する。本発明の実施例では、側壁16は、コンテナコンパートメント12の外周部に少なくとも部分的に延在するフランジ18を有する。フランジ18はフランジ18から軸方向に延在する、好適には隆起部20である第1の回り止め特徴を有することが重要である。

【0016】図3に、上記コンテナコンパートメント12の開口17（図2参照）を閉じる全体的に円筒状の蓋22を示す。蓋22は、コンテナコンパートメント12のフランジ18にある第1の回り止め特徴20と嵌合するよう形成された少なくとも1つの第2の回り止め特徴24を有し、好適には2つの間隔が置かれたノッチである。第2の回り止め特徴24は、フランジ18に設けられた隆起部20を捕捉し、蓋22がフランジ18に沿って移動することを阻止する、周縁部26に形成された少なくとも1つのノッチであることが好適である。

【0017】図5及び6に、本発明の包装コンテナ10（図1参照）の更なる実施例を示す。図5では、基部14を取り囲む側壁30は、フランジ18と、上記側壁16の周りに少なくとも部分的に螺旋状に延在する第1のネジ山36を有する。前に説明した実施例にあるように、フランジ18は軸方向に延在する第1の回り止め特徴38を有する。

【0018】図6では、開口17を閉めるための全体的に円筒状の蓋40を示す。蓋40は内壁43の周りに螺旋状に延在する第2のネジ山42を有し、コンテナコンパートメント12に設けられた外側にある第1のネジ山36と協働して組み合わさる。蓋40の外周部の縁44は、フランジ18に設けられた第1の回り止め特徴38と組合う第2の回り止め特徴46を有し、それによって蓋40がフランジ18に沿って軸回りに動くことが阻止される。

【0019】本実施例では、第1のネジ山36を第2のネジ山42にねじ込み、第1の回り止め特徴38が第2の回り止め特徴46と並んで嵌合されることにより、蓋40は、上記コンテナコンパートメント12をきつく閉めることが可能となる。これによって、コンテナコンパートメント12に光が透過せず、又軸回りの圧力が加えられて蓋40がコンテナコンパートメント12に結合された後に意図することなく緩むことが阻止される。蓋40は、上記第2のネジ山を上記第1のネジ山と容易に掛

合させ又は外すために、外周部に複数のリブ52を有する場合がある。

【0020】上記に示したように、第1の回り止め特徴38は、全体的に弧状の隆起部であることが好適である。当業者は、上記隆起部及びノッチが、略四角形、略V字型又は略C型など事実上全ての形状を有することが明らかになるであろう。図5では、大体弧状の隆起部38のどちらか一方の端が第1のランド54であり、反対側が第2のランド56である。隆起部38が、上記第1のランド54及び第2のランド56に導かれ上記第2の回り止め特徴又はノッチ46（図6参照）に対して移動し、耐光状態又は光が入る状態となる。

【0021】本発明の更なる実施例では、感光フィルム製品を包装する耐光包装コンテナ10を形成する方法は、包装コンテナ10と、コンテナコンパートメント12の周りにぴったりと組合わさるように形成された取り外し可能な蓋22を上記説明したように設ける段階が含まれる。第1の回り止め特徴20は、例えばモールド成形され、上記コンテナコンパートメント12に設けられ、上記第1の回り止め特徴20と嵌合して耐光状態にされるように形成された第2の回り止め特徴24は上記蓋22の内部に設けられる。回り止め特徴20及び24が形成されると、取り外し可能な蓋22はコンテナコンパートメント12に合わされ、上記第1の回り止め特徴20が上記第2の回り止め特徴24と耐光状態のなるように嵌合する。

【0022】図7に本発明の包装コンテナ1（図1参照）の更なる実施例を示す。本実施例の包装コンテナは、上記説明されたような、内部壁64上に少なくとも1つの第1のネジ山と、少なくとも1つの回り止め特徴66を有する。相応じて、コンテナコンパートメント68は、側壁69の周りに少なくとも部分的に螺旋状に巻かれた少なくとも1つの第2のネジ山70を含み、上記蓋60内に設けられた少なくとも1つの第1のネジ山と協働する。コンテナコンパートメント68は更に、上記説明されたような第2の回り止め特徴72を有し、包装コンテナ10が閉じられたときに、蓋60に設けられた第1の回り止め特徴と嵌合される。上記第1のネジ山62及び上記第2のネジ山70によって、ユーザが蓋60をコンテナコンパートメント12に強く締めることが可能となる。上記第1の回り止め特徴66及び第2の回り止め特徴72によって、蓋60が軸回りに動くことが阻

止され、取り扱い及び輸送の際にコンテナコンパートメント68に光が入ることが阻止される。

【0023】コンテナコンパートメント12及び蓋22を含む包装コンテナ10は、高密度ポリエチレンのような堅い熱可塑性材料から形成されることが好適である。しかし、当業者にはポリスチレン又はポリプロピレンなどのほかの合成材料も使用されることが明らかになるであろう。

【0024】包装コンテナの蓋及び全体的に円筒状であるコンテナコンパートメントは、高密度ポリエチレン材料から形成される。

【図面の簡単な説明】

【図1】閉じられている本発明の包装コンテナを示す等角図である。

【図2】回り止め特徴が設けられたコンテナコンパートメントを示す等角図である。

【図3】回り止め特徴が設けられた蓋を示す等角図である。

【図4】コンテナコンパートメント及び蓋の回り止め特徴が嵌合されている状態を示す拡大図である。

【図5】回り止め特徴及びネジ山が設けられた別のコンテナコンパートメントを示す等角図である。

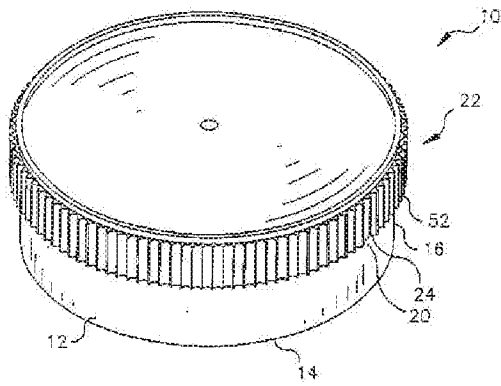
【図6】回り止め特徴及びネジ山が設けられた別の蓋を示す等角図である。

【図7】ネジ山及び回り止め特徴が設けられた別の包装コンテナを示す等角図である。

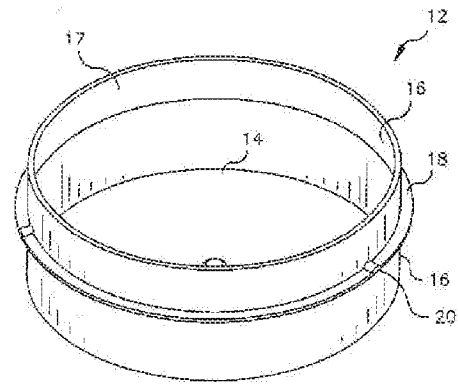
【符号の説明】

- 10 包装コンテナ
- 12、68 コンテナコンパートメント
- 14 基部
- 16、30、69 側壁
- 18 フランジ
- 20、38、72 回り止め特徴（隆起部）
- 22、40、60 蓋
- 24、46、66 回り止め特徴（ノッチ）
- 26、44 周縁
- 36、42、62、70 ネジ山
- 43 内壁
- 44 外周部の縁
- 52 リブ
- 54、56 ランド
- 64 内部壁

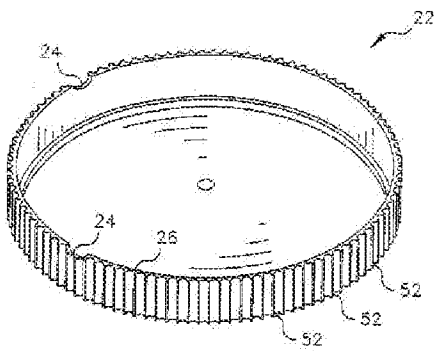
【図1】



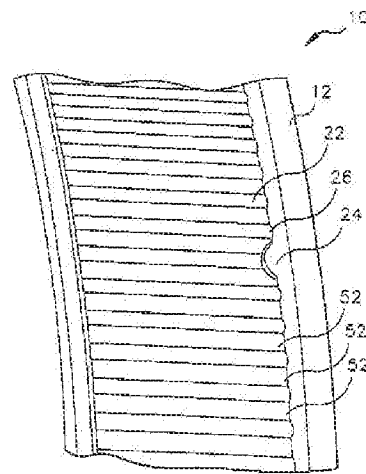
【図2】



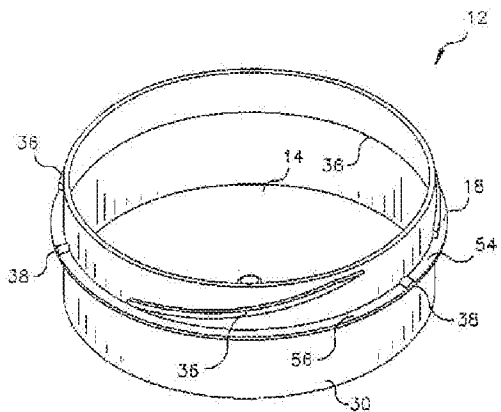
【図3】



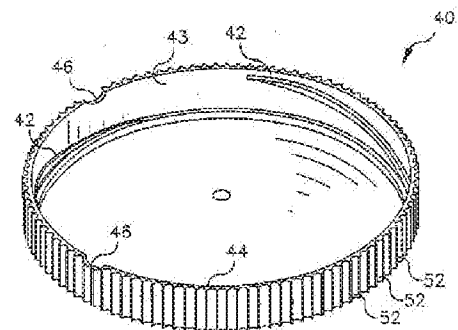
【図4】



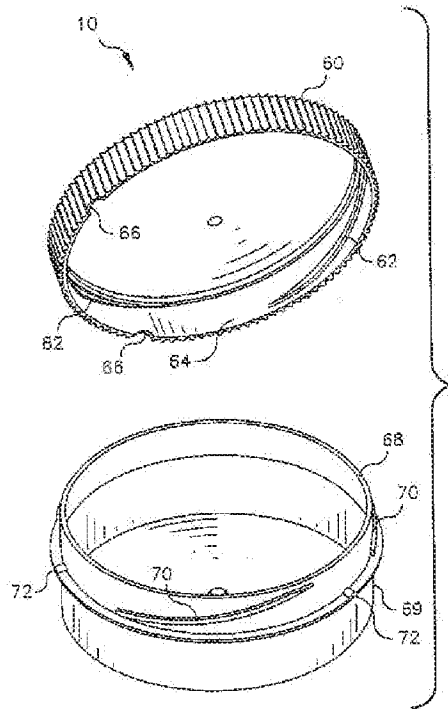
【図5】



【図6】



【図7】



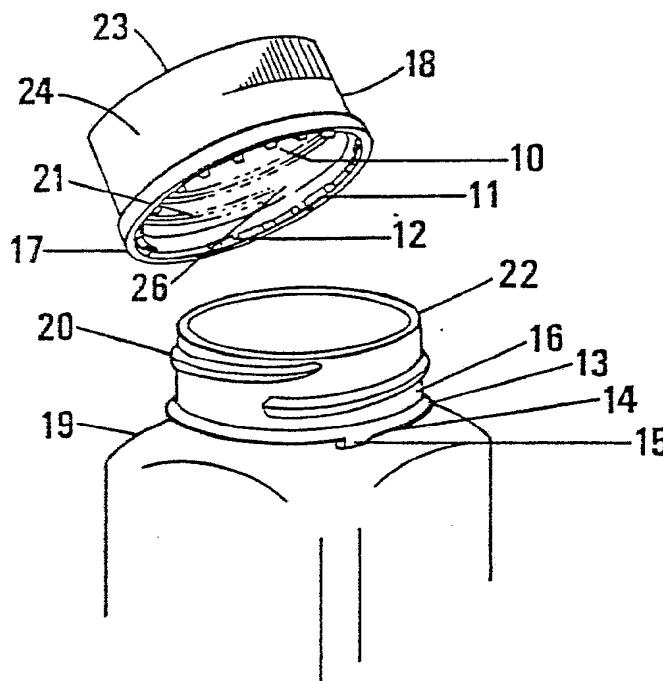


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(54) Title: CHILD RESISTANT CLOSURE DEVICE**(57) Abstract**

A locking means for a threaded container and closure. The locking means comprises A. a container (19) having a neck portion (16); and on the external surface of said neck portion I. a continuous first thread (20); II. a ring (13) adjacent the terminal end of said thread; III. and at least one lug (15) having a contacting surface (14) diagonally aligned with said first thread; and upper surface adjacent to or lower than said ring; and a height and radial thickness greater than said ring; B. a closure having I. a radially flexible inner flange (10), the terminal end of said inner flange coordinating with the internal surface of said neck; and II. an outer flange (11) having a continuous second thread coordinating with said first thread; and at least one tab (11) adjacent the initial end of said second thread whereby said closure is threaded onto said container, said tab passes onto said contacting surface and is then engaged by the terminal surface of said lug.



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CHILD RESISTANT CLOSURE DEVICEBACKGROUND AND SUMMARY OF THE INVENTION

This invention relates to a locking means for a threaded container and closures. More specifically, this invention relates to a child-resistant locking means.

A problem of great concern in recent years has been the safety of children who can open a closed container. The prior art has suggested many solutions for securing a closure on a container, while still permitting a relatively easy opening by the intended user.

A locking means for a threaded container and closure has been invented. The locking means comprises

A. a container having a neck portion; and on the external surface of said neck portion

I. A continuous first thread;

II. a ring adjacent the terminal end of said thread;

III. and at least one lug having

a contacting surface diagonally aligned with said first thread; an upper surface adjacent to or lower than said ring; and a height and radial thickness greater than said ring;

B. a closure having

I. a radially flexible inner flange, the terminal end of said inner flange coordinating with the internal surface of said neck; and

II. an outer flange having

a continuous second thread coordinating with said first thread; and at least one tab adjacent the initial end of said second thread whereby said closure

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is threaded onto said container, said tab passes onto said contacting surface and is then engaged by the terminal surface of said lug.

Other embodiments of the locking means comprise

5 wherein the external surface of said neck portion has a stop having an upper surface adjacent to said lug whereby the initial surface of said stop coordinates with the initial surface of said tab; wherein the diameter of upper neck portion is greater than the diameter of the lower

10 neck portion; wherein a locking means contains at least two lugs and tabs; wherein said lugs and said tabs, respectively, are equidistant; wherein said lug is located about 180° from the initial end of said first thread; wherein said container is composed of a polyolefin material;

15 wherein said closure is composed of a polyolefin material; and wherein said polyolefin material is polypropylene.



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BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a perspective view of a threaded container and closure of this invention;

Figure 2 is a side view of the container of
5 Figure 1 showing the ring and container lugs;

Figure 3 is a bottom view of the closure of
Figure 1 showing the inner and outer flanges and closure
tabs.

Figures 4 to 6 are schematic side views showing
10 the locking means of this invention in an engaged, neutral
and disengaged position, respectively.

Figure 7 is a side view of the container showing
a continuous first thread, a ring and an alternative lug;

Figure 8 is a center sectional side view of
15 the closure of Figure 1;

Figures 9 and 10 are schematic side views showing
the locking means of this invention in an engaged and
neutral position, respectively.

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DESCRIPTION OF THE PREFERRED EMBODIMENT

Referring to Figures 1 to 3, a container body 19 has a neck portion 16. The neck portion 16 includes an annular transfer ring 13. The neck portion 16 terminates in an open rim 22.

The neck portion 16 also has a continuous first thread 20 formed on the external surface. The transfer ring 13 has formed thereon, at least one holding lug 15 with a contacting surface 14.

The closure 18 includes: an outer top 23, an outer flange external wall 24, an inner top 25 which has formed on its surface a resilient inner flange 10. An outer flange internal wall 26 has formed on its surface a continuous second thread which coordinates with the first thread 20. The outer flange rim 17 includes around the internal edge at least one locking tab 11 and a plurality of optional friction tabs 12. The tabs 11 correspond to the number of lugs 15 on the transfer ring 13. The optional tabs 12 are spaced between the locking tab(s) 11 and can be an audible indicator of the locking engagement and/or reinforcing structural ribs to the closure rim 17.

The locking tab(s) 11 are located with respect to the lug(s) 15 on the transfer ring.

The closure is completely threaded onto the container. The locking means is then engaged as illustrated in Figure 4. The closure 18 is completely engaged with the neck 16. The terminal end of the resilient inner flange 10 presses against the internal surface of the neck 16. Figures 4 and 9 show that the locking tab(s) 11 is engaged by the lug(s) 15. The locking tab(s) 11 is rotated onto the contacting surface 14 as the closure is threaded onto the container and is then engaged by the lug(s) 15.

Disengagement of the closure from the container is prevented by the locking means due to the abutting of the tab(s) 11 and lug(s) 15. A conventional rotation of

- 5 -

the closure 3.g. in a counterclockwise direction is not possible.

The locking means is a neutral position alternatively illustrated in Figures 5 and 10. The disengagement of the locking means and the removal of the closure from the container is illustrated in Figure 6. Instructions for disengaging the locking means can be optionally contained on the closure and/or the container, e.g. on the outer top 23. The locking means are neutralized by pressing on the outer top 23 in a vertically downward direction. Downward movement of the closure is permitted by the radially flexible inner flange 10.

Referring to Figure 5, the tab(s) 11 and lug(s) 15 are sufficiently vertically displaced to allow them to move past each other during a conventional rotation of the closure. The vertical pressure is applied to the closure during conventional rotation until the tab(s) 11 is opposing the contacting surface 14. Preferably, the vertical pressure is applied until the locking tab(s) 11 are above the upper surface of the holding lug 15. Continued conventional rotation of the closure results in separation of the container and closure, allowing the closure to be removed and providing access to the interior of the container for dispensing of the contents.

Referring to Figures 7 and 8, a container body 19 has a neck portion 16. The neck portion 16 includes an annular transfer ring 13.

The neck portion 16 also has a continuous first thread 20 formed on the external surface. The transfer ring 13 has formed thereon, at least one holding lug 15 with a contacting surface 14. On the external surface of the neck portion a stop 20 has an upper surface adjacent to the upper surface of the lug 15. The initial surface of the stop 20 coordinates with the initial surface of the tab 11.

The closure 18 includes: an outer top 23, an outer flange external wall 24, an inner top 25 which has

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formed on its surface a resilient inner flange 10. An outer flange internal wall 26 has formed on its surface a continuous second thread which coordinates with the first thread 20. The outer flange rim 17 includes around the internal edge at least one locking tab 11 and a plurality of optional friction tabs 12. The tabs 11 correspond to the number of lugs 15 on the transfer ring 13. The optional tabs 12 are spaced between the locking tab(s) 11 and can be an audible indicator of the locking engagement and/or reinforcing structural ribs to the closure rim 17.

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27,825

WE CLAIM

1. A locking means for a threaded container and closure comprising
 - A. a container having a neck portion; and on the external surface of said neck portion
 - I. a continuous first thread;
 - II. a ring adjacent the terminal end of said thread;
 - III. and at least one lug having
 - a. a contacting surface diagonally aligned with said first thread;
 - b. an upper surface adjacent to or lower than said ring; and
 - c. a height and radial thickness greater than said ring;
 - B. a closure having
 - I. a radially flexible inner flange, the terminal end of said inner flange coordinating with the internal surface of said neck; and
 - II. an outer flange having
 - a. a continuous second thread coordinating with said first thread; and
 - b. at least one tab adjacent the initial end of said second thread whereby said closure is threaded onto said container, said tab passes onto said contacting surface and is then engaged by the terminal surface of said lug.
2. A locking means of Claim 1 wherein the external surface of said neck portion has a stop having an upper surface adjacent to said lug whereby the initial surface of said stop coordinates with the initial surface of said tab.
3. A locking means of Claim 1 or 2 wherein the diameter of upper neck portion is greater than the diameter of the lower neck portion.
4. A locking means of Claim 1 or 2 or 3 containing at least two lugs and tabs.

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5. A locking means of Claim 4 wherein said lugs and said tabs, respectively, are equidistant.

6. A locking means of Claim 1 or 2 or 3 wherein said lug is located about 180° from the initial end of said first thread.

7. A locking means of Claim 1 or 2 or 3 or 6 wherein said container is composed of a polyolefin material.

8. A locking means of Claim 1 or 2 or 3 or 6 wherein said closure is composed of a polyolefin material.

9. A locking means of Claim 7 or 8 wherein said polyolefin material is polypropylene.

SUBSTITUTE SHEET

A&A Exhibit 1010 Page 109 of 150



1/3

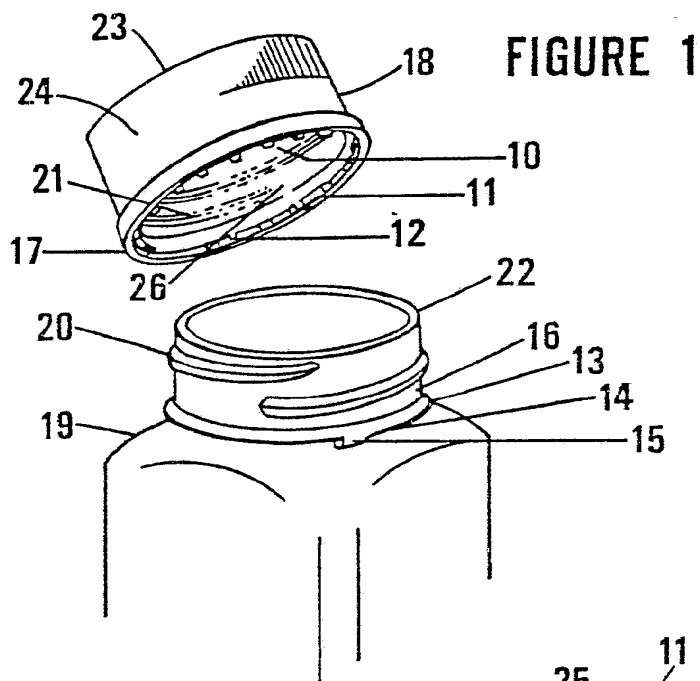


FIGURE 1

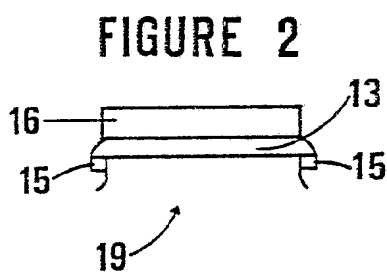


FIGURE 2

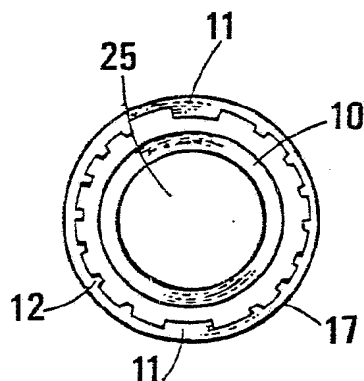


FIGURE 3

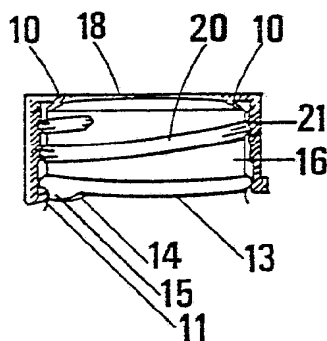


FIGURE 4

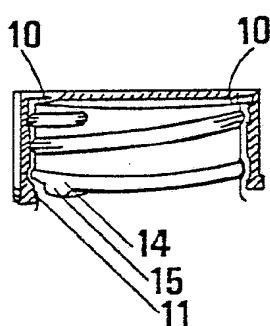


FIGURE 5

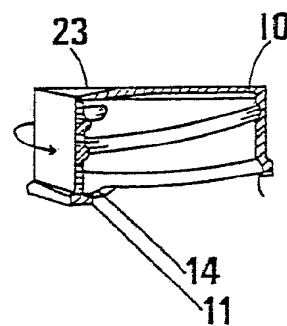


FIGURE 6

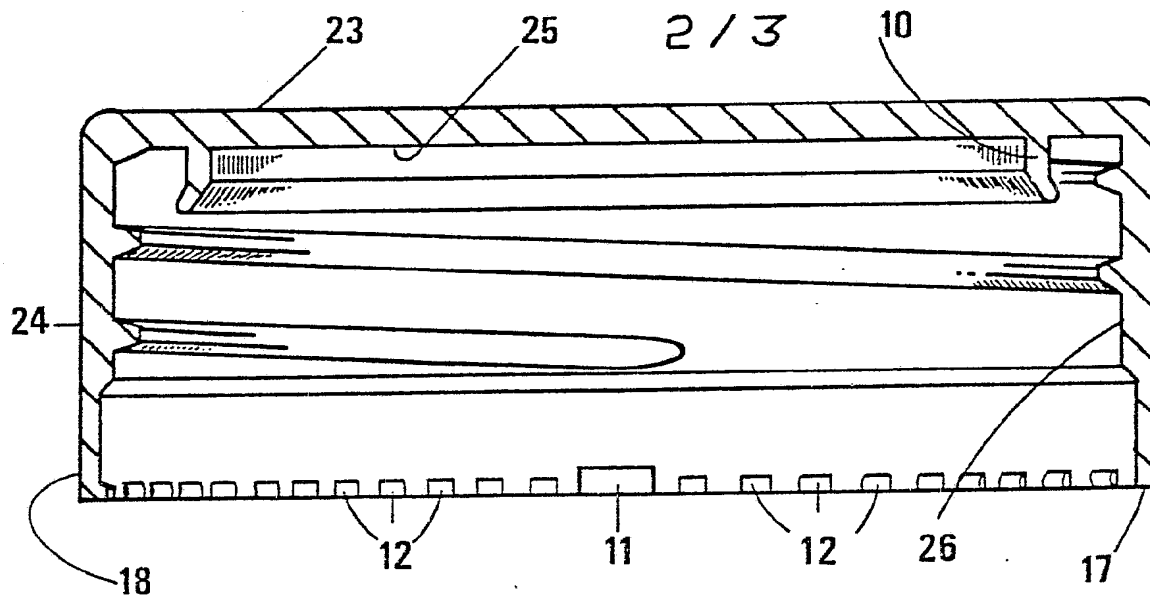


FIGURE 8

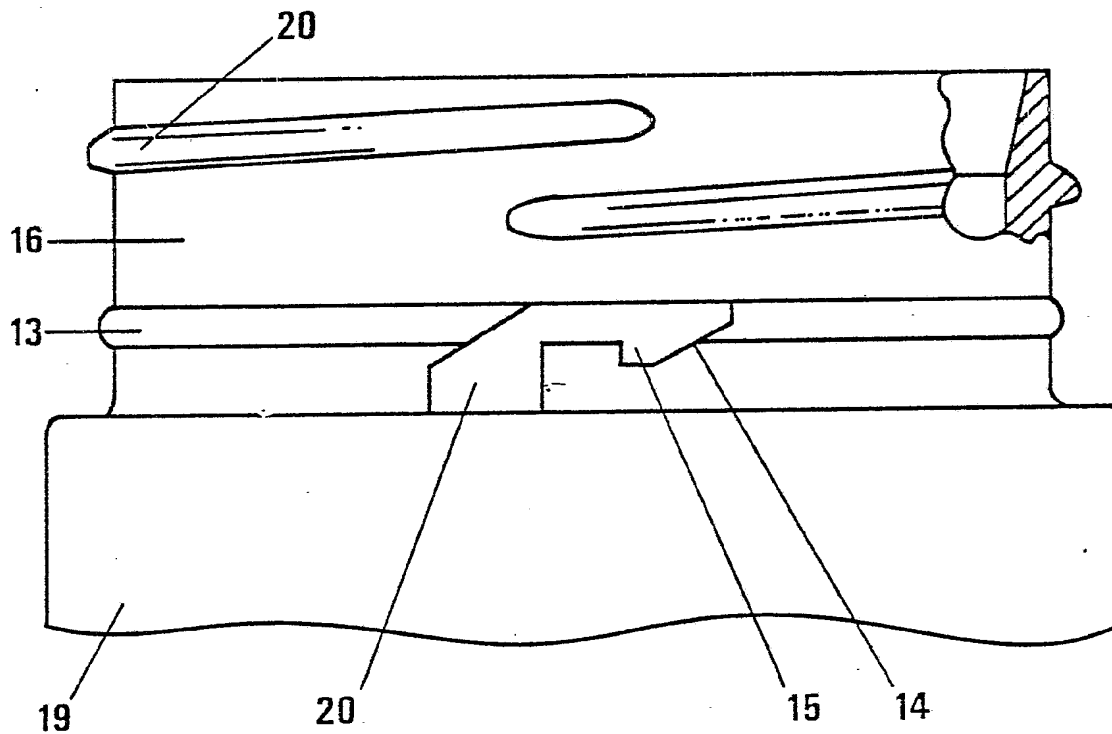


FIGURE 7

3 / 3

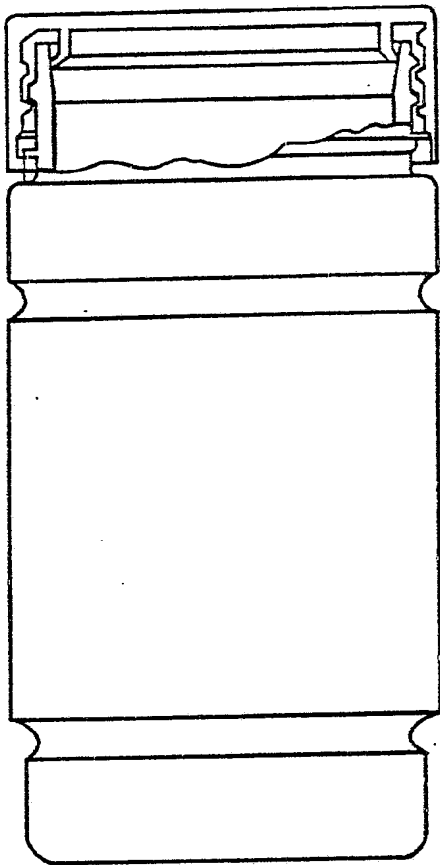


FIGURE 9

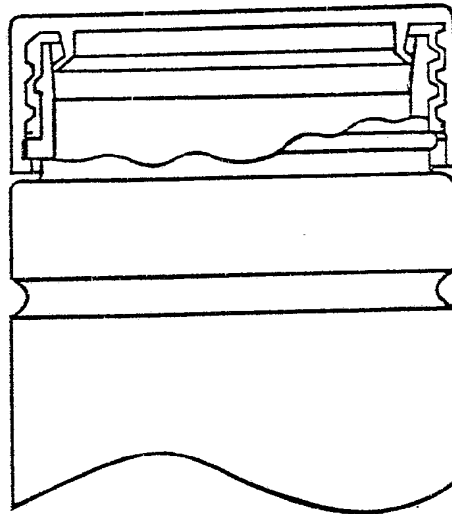
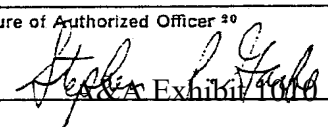


FIGURE 10

INTERNATIONAL SEARCH REPORT

International Application No PCT/US81/00435

I. CLASSIFICATION OF SUBJECT MATTER (If several classification symbols apply, indicate all) ³		
According to International Patent Classification (IPC) or to both National Classification and IPC		
INT. CL. ³ B65D 41/06 U.S. CL. 215/222		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁴		
Classification System	Classification Symbols	
U.S.	215/222,330	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁵		
III. DOCUMENTS CONSIDERED TO BE RELEVANT ¹⁴		
Category *	Citation of Document, ¹⁶ with indication, where appropriate, of the relevant passages ¹⁷	Relevant to Claim No. ¹⁸
A	US, A 3,716,161 Published 13 February 1973, Julian et al	
A	US, A 4,059,198 Published 22 November 1977, Mumford	
A	US, A 4,128,184 Published 05 December 1978, Northup	
A	US, A 4,153,172 Published 08 May 1979, Bialobrzewski	
* Special categories of cited documents: ¹⁵ "A" document defining the general state of the art "E" earlier document but published on or after the international filing date "L" document cited for special reason other than those referred to in the other categories "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but on or after the priority date claimed "T" later document published on or after the international filing date or priority date and not in conflict with the application, but cited to understand the principle or theory underlying the invention "X" document of particular relevance		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search ²	Date of Mailing of this International Search Report ²	
17 August 1980	17 SEP 1981	
International Searching Authority ¹	Signature of Authorized Officer ²⁰	
ISA/US	 U.S. Patent & Trademark Office	

Electronic Patent Application Fee Transmittal

Application Number:	29567402			
Filing Date:				
Title of Invention:	JAR			
First Named Inventor/Applicant Name:	Robert Lerman			
Filer:	Allen Ira Rubenstein/Susan Piperno			
Attorney Docket Number:	8748-003			
Filed as Small Entity				
Filing Fees for Design				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request Expedited Exam of Design Appl	2802	1	450	450
Total in USD (\$)				450

Electronic Acknowledgement Receipt

EFS ID:	26065123
Application Number:	29567402
International Application Number:	
Confirmation Number:	6122
Title of Invention:	JAR
First Named Inventor/Applicant Name:	Robert Lerman
Customer Number:	22440
Filer:	Allen Ira Rubenstein/Susan Piperno
Filer Authorized By:	Allen Ira Rubenstein
Attorney Docket Number:	8748-003
Receipt Date:	14-JUN-2016
Filing Date:	
Time Stamp:	18:24:59
Application Type:	Design

Payment information:

Submitted with Payment	yes
Payment Type	Electronic Funds Transfer
Payment was successfully received in RAM	\$ 450
RAM confirmation Number	4960
Deposit Account	
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Req for Expedited Processing, Design Rocket Docket	8748-003_Accelerated_Exam_Request_6-14-16.pdf	209138	no	2
			b2f368a10559e2b0a832a6ccf3f1aff870ab9726		
Warnings:					
Information:					
2	Req for Expedited Processing, Design Rocket Docket	8748-003_Classes_Searched.pdf	235885	no	1
			547a16b4f43fdb035446f93662aeb77145f80dac		
Warnings:					
Information:					
3	Information Disclosure Statement (IDS) Form (SB08)	8748-003_IDS-14June2016.pdf	1036846	no	7
			5d630dcbbd48668ce65fcd7d192214ad25a2a17d		
Warnings:					
Information:					
A U.S. Patent Number Citation is required in the Information Disclosure Statement (IDS) form. You may remove the form to add the required data in order to correct the Informational Message or if you chose not to, the image of the form will be processed and be made available within the Image File Wrapper (IFW) system. However, no data will be extracted from this form. Any additional data such as Foreign Patent Documents or Non Patent Literature will be manually reviewed and keyed into USPTO systems.					
4	Transmittal Letter	8748-003_IDS_Transmittal_Ltr_6-14-16.pdf	145780	no	2
			9231d76169bb89e959857873ccd89b305f2ffe8c		
Warnings:					
Information:					
5	Foreign Reference	SI701996000050055-0001.pdf	87935	no	3
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Warnings:					

A&A Exhibit 1010 Page 117 of 150

Information:					
8	Foreign Reference	IDS-JP2001158455.pdf	2586929 9d9df9aae45e234e24ca75dcd5359bd95b13f951	no	8
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9	Foreign Reference	WO8302763.pdf	483355 364174f8c34b8172f723374ca432e385ad3b0471	no	14
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10	Non Patent Literature	IDS-VanBlarcom.pdf	1006380 21144e4d8dfc7e378679cb32ea30aed82b02b342	no	3
Warnings:					
Information:					
11	Non Patent Literature	Alameda-Child_Resistant_Plastic_Caps.pdf	206035 66571acdf6978457626385ac7e9ec97624dd3df9	no	5
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12	Non Patent Literature	SKS_White_Child_Resistant_PE_Lined_Push_Down_Caps.pdf	30192 147262f4fda6412d10ea30baae497421a4ec1ab1	no	1
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13	Non Patent Literature	IDS-Holistic.pdf	600054 a44808f10e908559fe9ba1c404899b3e57ff6a33	no	8
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14	Non Patent Literature	IDS-DHGate.pdf	1528739 ae2cb2c8d9a069f4aee6b1e4cc4369ab4e2768d6	no	16
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15	Fee Worksheet (SB06)	fee-info.pdf	29768 30bcd4495e696d3fce5f6e1377250227be80dd66	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			10464056		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐	Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--------------------------	---

Inventor Information:

Inventor	1				Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Robert		Lerman			
Residence Information (Select One) • US Residency Non US Residency Active US Military Service						
City	Jupiter	State/Province	FL	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		4286 West Main St.				
Address 2						
City	Jupiter	State/Province	FL			
Postal Code	33458	Country	US			
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.						

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
☐ An Address is being provided for the correspondence information of this application.	
Customer Number	22440
Email Address	Add Email Remove Email

Application Information:

Title of the Invention	JAR		
Attorney Docket Number	8748-003	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Design		
Total Number of Drawing Sheets (if any)	10	Suggested Figure for Publication (if any)	

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	22440		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

[Add](#)

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant	1	Remove
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section. Clear		
☒ Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
Name of the Deceased or Legally Incapacitated Inventor:		
If the Applicant is an Organization check here. ☒		
Organization Name	eBottles.com	
Mailing Address Information For Applicant:		
Address 1	4268 West Main St.	
Address 2		
City	Jupiter	State/Province
Country	US	Postal Code
Phone Number		Fax Number
Email Address		
Additional Applicant Data may be generated within this form by selecting the Add button. Add		

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		

Assignee	1
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.	
Remove	
If the Assignee or Non-Applicant Assignee is an Organization check here. ☒	
Organization Name	eBottles.com

Mailing Address Information For Assignee including Non-Applicant Assignee:			
Address 1		4286 West Main St.	
Address 2			
City	Jupiter	State/Province	FL
Country i	US	Postal Code	33458
Phone Number		Fax Number	
Email Address			
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add			

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is **not** checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Jason R. Wachter/		Date (YYYY-MM-DD)	2016-06-08	
First Name	Jason	Last Name	Wachter	Registration Number	65,987
Additional Signature may be generated within this form by selecting the Add button. Add					

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	8748-003
		Application Number	
Title of Invention	JAR		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1 The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2 A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3 A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4 A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5 A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6 A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7 A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8 A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- 9 A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

DECLARATION

As a below named inventor, I hereby declare that:

I/we believe I am/we are the original inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Jar

, the specification of which:

☒ is attached hereto.

☐ was filed on

as

, and

☐ was amended on

(if applicable).

This application is being made by me/us or is authorized to be made by me/us.

I/we hereby state that I/we have reviewed and understand the contents of the application for which this declaration is being submitted, including the claims, as amended by any amendment referred to herein.

I/we acknowledge the duty to disclose to the U.S. Patent & Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. § 1.56.

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five years, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Robert Lerman	
Inventor's Signature		Date: 6.7.16
Full name of second inventor		
Inventor's Signature		Date:
Full name of third inventor		
Inventor's Signature		Date:
Full name of fourth inventor		
Inventor's Signature		Date:
Full name of fifth inventor		
Inventor's Signature		Date:

☐ See annex of additional inventors

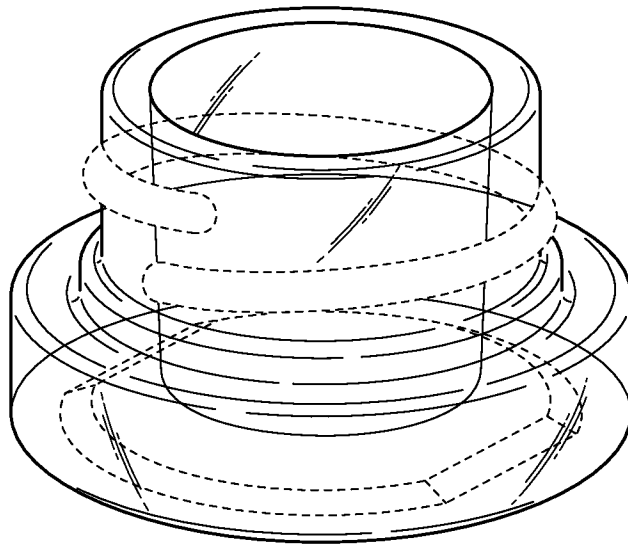


FIG. 1

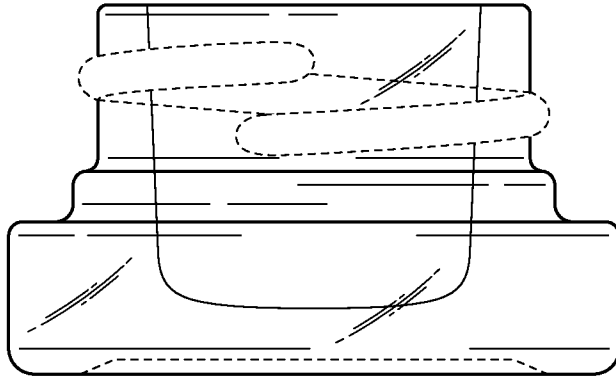


FIG. 2

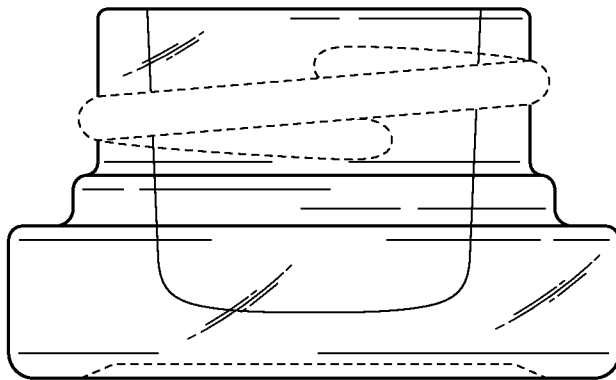


FIG. 3

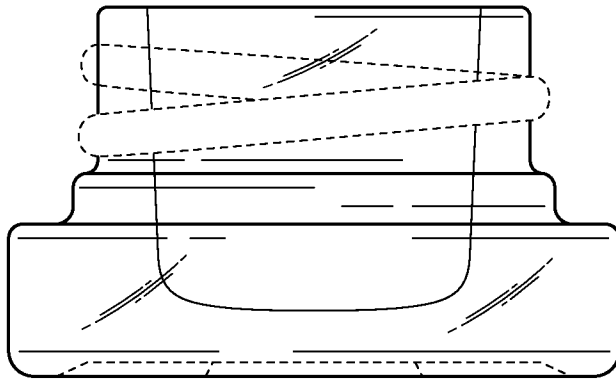


FIG. 4

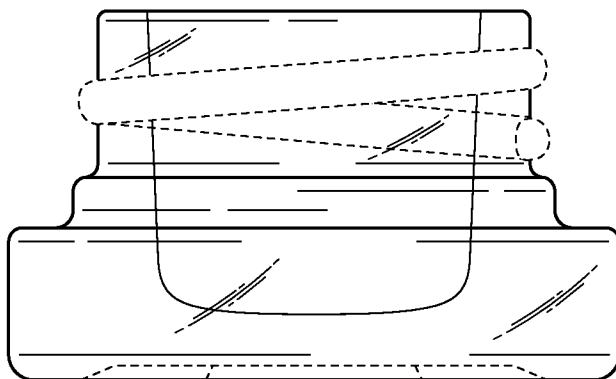


FIG. 5

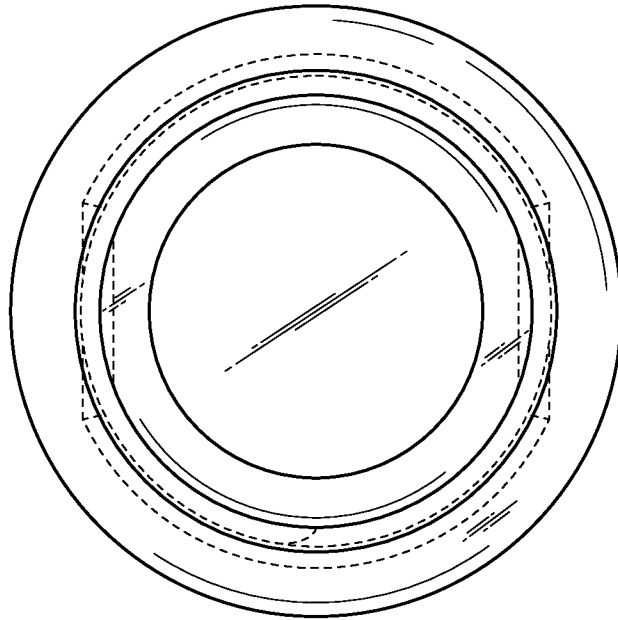


FIG. 6

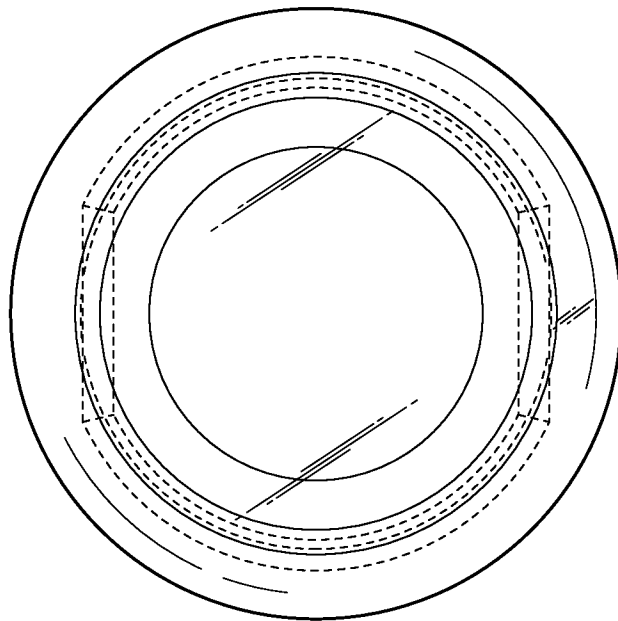


FIG. 7

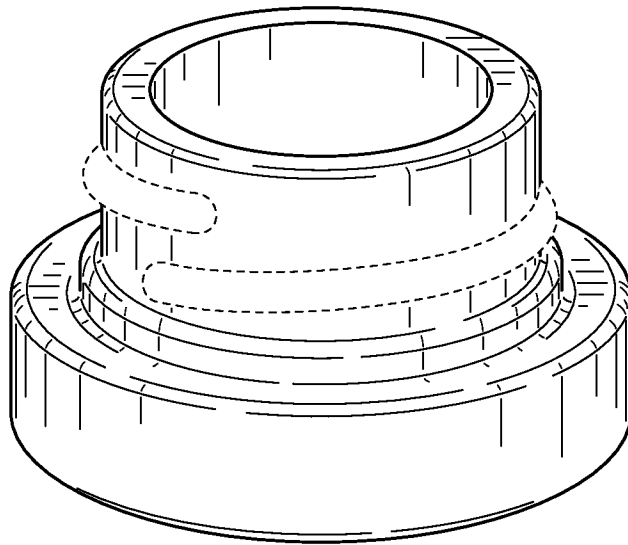


FIG. 8

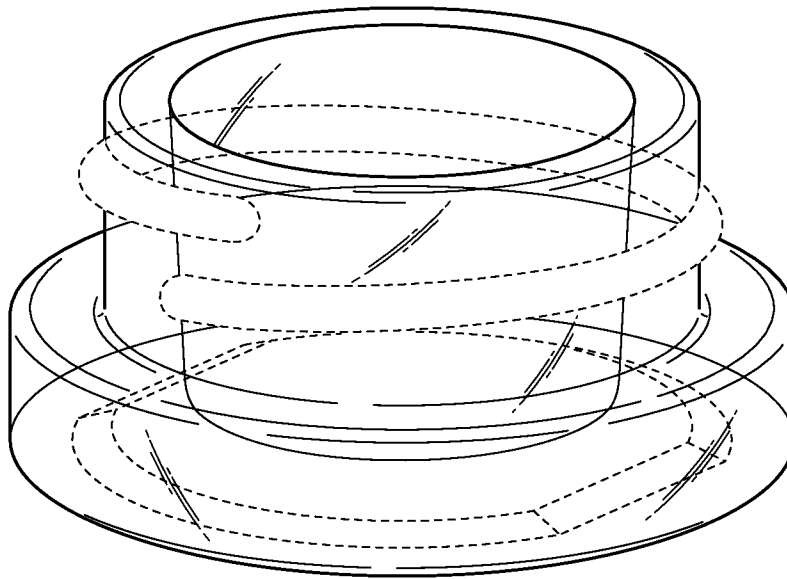


FIG. 9

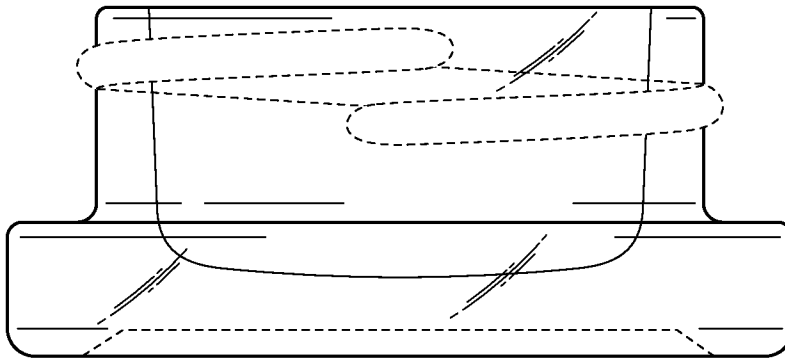


FIG. 10

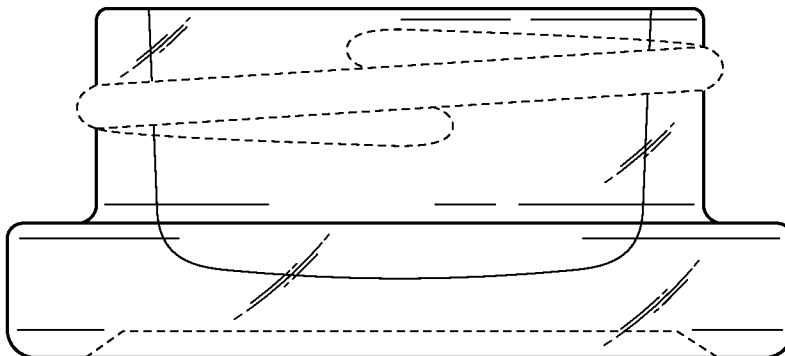


FIG. 11

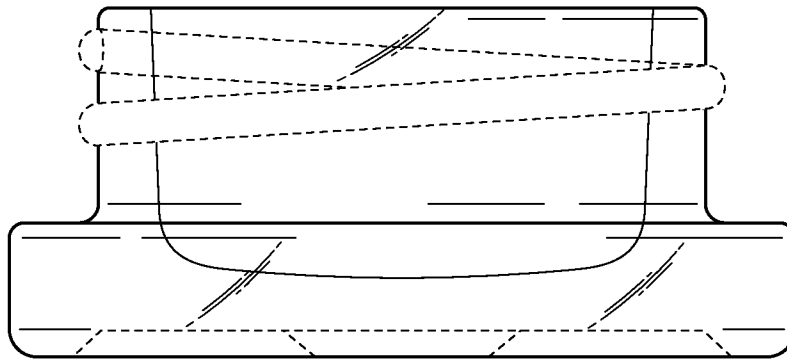


FIG. 12

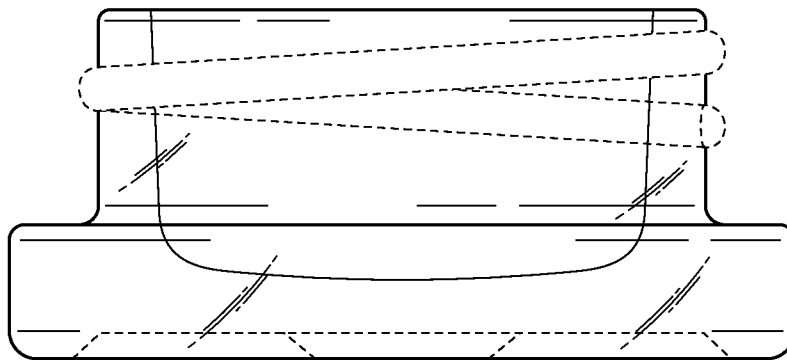


FIG. 13

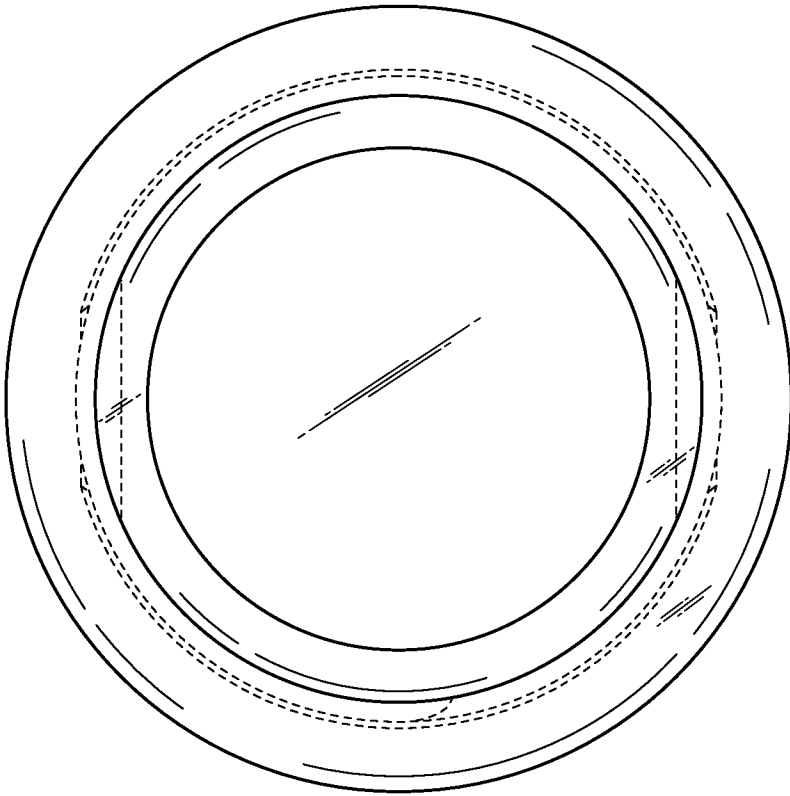


FIG. 14

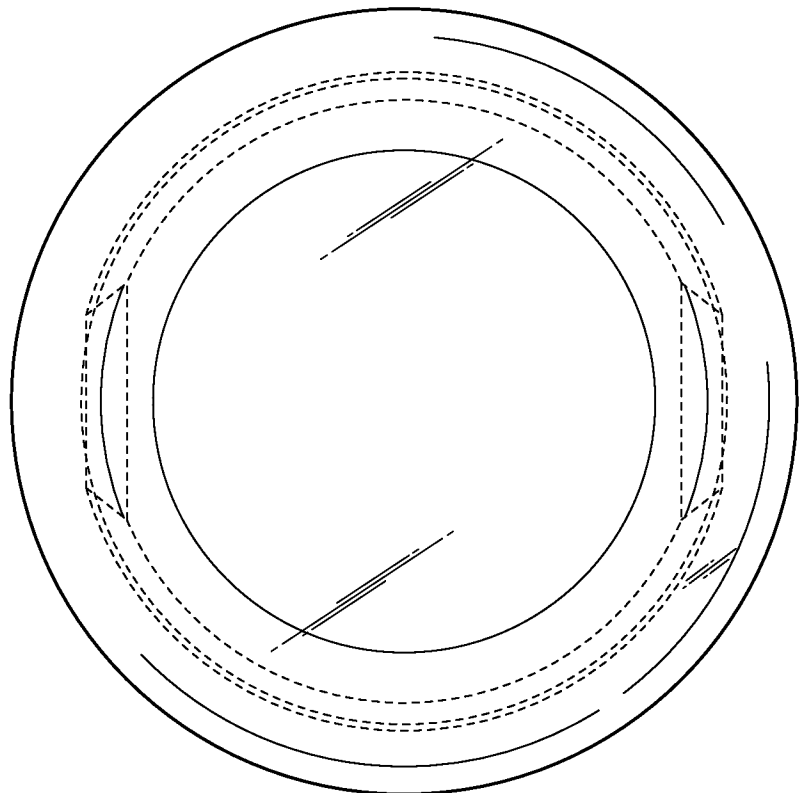


FIG. 15

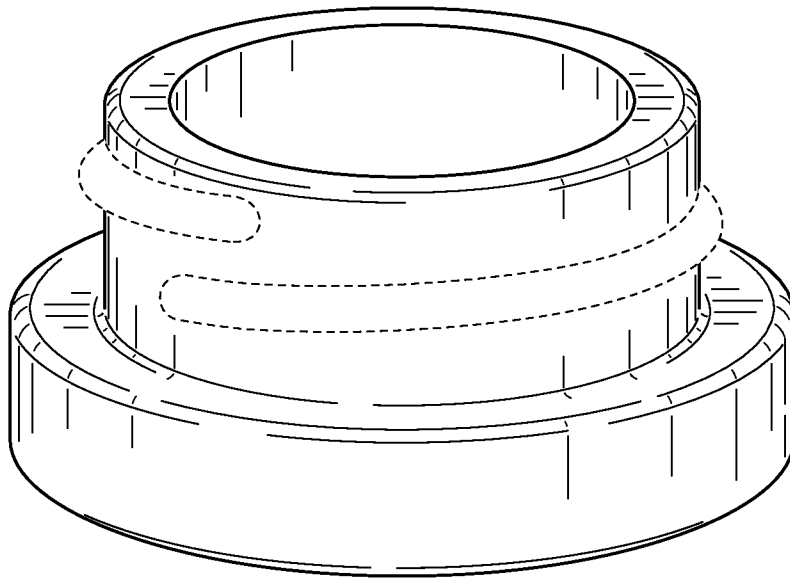


FIG. 16

Be it known that I, Robert Lerman, a resident of Jupiter, Florida has invented a new, original, and ornamental design for a Jar, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, wherein:

FIG. 1 is a perspective view of a first embodiment of a jar showing my new design;

FIG. 2 is a first side view of the embodiment of FIG. 1;

FIG. 3 is a second side view of the embodiment of FIG. 1;

FIG. 4 is a third side view of the embodiment of FIG. 1;

FIG. 5 is a fourth side view of the embodiment of FIG. 1;

FIG. 6 is a top view of the embodiment of FIG. 1;

FIG. 7 is a bottom view of the embodiment of FIG. 1;

FIG. 8 is a perspective view of a second embodiment of a jar showing my new design;

FIG. 9 is a perspective view of a third embodiment of a jar showing my design;

FIG. 10 is a first side view of the embodiment of FIG. 9;

FIG. 11 is a second side view of the embodiment of FIG. 9;

FIG. 12 is a third side view of the embodiment of FIG. 9;

FIG. 13 is a fourth side view of the embodiment of FIG. 9;

FIG. 14 is a top view of the embodiment of FIG. 9;

FIG. 15 is a bottom view of the embodiment of FIG. 9; and

FIG. 16 is a perspective view of a fourth embodiment of a jar showing my new design.

The broken lines shown in the drawings are included for the purpose of illustrating portions of the article that form no part of the claimed design.

I claim:

The ornamental design for a jar as shown and described.

Electronic Patent Application Fee Transmittal

Application Number:

Filing Date:

Title of Invention:

JAR

First Named Inventor/Applicant Name:

Robert LERMAN

Filer:

Allen Ira Rubenstein/Susan Piperno

Attorney Docket Number:

8748-003

Filed as Small Entity

Filing Fees for Design

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Design application filing	2012	1	90	90
Design Search Fee	2112	1	60	60
Design Examination Fee	2312	1	230	230

Pages:

Claims:

Miscellaneous-Filing:

Petition:

Patent-Appeals-and-Interference:

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				380

Electronic Acknowledgement Receipt

EFS ID:	26008829
Application Number:	29567402
International Application Number:	
Confirmation Number:	6122
Title of Invention:	JAR
First Named Inventor/Applicant Name:	Robert LERMAN
Customer Number:	22440
Filer:	Allen Ira Rubenstein/Susan Piperno
Filer Authorized By:	Allen Ira Rubenstein
Attorney Docket Number:	8748-003
Receipt Date:	08-JUN-2016
Filing Date:	
Time Stamp:	17:19:04
Application Type:	Design

Payment information:

Submitted with Payment	yes
Payment Type	EFT
Payment was successfully received in RAM	\$ 380
RAM confirmation Number	060916INTEFSW17283300
Deposit Account	null
Authorized User	Susan Piperno

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	8748-003_ADS.pdf	1822804	no	8
			687ac29879ab78ae524a9d619ae7fa1f4c58ddd6		
Warnings:					
Information:					
2	Oath or Declaration filed	8748-003_Declaration.pdf	1472392	no	1
			88cb7770f9ff4e9333197c11c2c69e5fb18fc75d		
Warnings:					
Information:					
3	Drawings-only black and white line drawings	8748-003_Figures.pdf	507570	no	10
			a178d64bc650e04a828aec08d0aca771a6ffb1c2		
Warnings:					
Information:					
4		8748-003_Design_Patent_Application.pdf	170335	yes	2
			ec733edfe440399dc41dfd946b3dd0b12d2d0f6c		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	1	
	Claims		2	2	
Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	34642	no	2
			99caa5f5d97919328327e8555a7d70a1dcd20cf3		
Warnings:					
Information:					
Total Files Size (in bytes):			4007743		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

SCORE Placeholder Sheet for IFW Content

Application Number: 29567402

Document Date: 06/08/2016

The presence of this form in the IFW record indicates that the following document type was received in electronic format on the date identified above. This content is stored in the SCORE database.

Since this was an electronic submission, there is no physical artifact folder, no artifact folder is recorded in PALM, and no paper documents or physical media exist. The TIFF images in the IFW record were created from the original documents that are stored in SCORE.

- Drawing

At the time of document entry (noted above):

- USPTO employees may access SCORE content via eDAN using the Supplemental Content tab, or via the SCORE web page.
- External customers may access SCORE content via PAIR using the Supplemental Content tab.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	29/567,402
Filing Date	June 08, 2016
First Named Inventor	Robert LERMAN
Title	JAR
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	8748-003

SIGNATURE of Applicant or Patent Practitioner

Signature	/Jason R. Wachter/	Date (Optional)	06/08/2016
Name	Jason R. Wachter	Registration Number	65,987
Title (if Applicant is a juristic entity)	Attorney of Record		
Applicant Name (if Applicant is a juristic entity)	eBottles.com		

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☐

*Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)



I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:

22440

OR



I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:



The address associated with the above-mentioned Customer Number

OR



The address associated with Customer Number:

OR

Firm or Individual Name	
Address	
City	State Zip
Country	
Telephone	Email

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

eBottles.com



Inventor or Joint Inventor (title not required below)



Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)



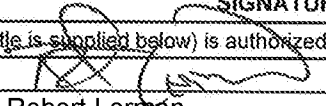
Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)



Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	Date (Optional)
	
Name	Robert Lerman
Title	

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ Total of

forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Acknowledgement Receipt

EFS ID:	26009650
Application Number:	29567402
International Application Number:	
Confirmation Number:	6122
Title of Invention:	JAR
First Named Inventor/Applicant Name:	Robert Lerman
Customer Number:	22440
Filer:	Allen Ira Rubenstein/Susan Piperno
Filer Authorized By:	Allen Ira Rubenstein
Attorney Docket Number:	8748-003
Receipt Date:	08-JUN-2016
Filing Date:	
Time Stamp:	18:02:30
Application Type:	Design

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	8748-003_Power_of_Attorney.pdf	1861188 07bf5ab002eb0ff399bb7f0cda8df6a3857f22c7	no	2

Warnings:

Information:

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.