



US00D782609S

(12) **United States Design Patent** (10) **Patent No.:** **US D782,609 S**
Hill et al. (45) **Date of Patent:** **** Mar. 28, 2017**

(54) **WATER PURIFIER**
(71) Applicant: **LifeStraw SA**, Lausanne (CH)
(72) Inventors: **Alison Hill**, Washington, DC (US);
Mikkel Vestergaard Frandsen,
Lausanne (CH); **Jean-Marc Pascal**,
Saint-Etienne de Crossey (FR); **Didier**
Epain, Poisy (FR); **Jean-Luc Madier**
de Champvermeil, Divonne les Bains
(FR)

4,636,307 A 1/1987 Inoue
4,749,484 A 6/1988 Greenhut
4,759,474 A 7/1988 Regunathan
4,776,956 A * 10/1988 Gannaway B01D 35/027
210/282

4,800,018 A 1/1989 Moser
4,906,466 A 3/1990 Edwards
4,940,542 A 7/1990 Simizu

(Continued)

FOREIGN PATENT DOCUMENTS

DE 3828008 A1 3/1990
EP 0241995 A1 10/1987

(Continued)

(73) Assignee: **LifeStraw SA**, Lausanne (CH)

(**) Term: **15 Years**

(21) Appl. No.: **29/544,966**

(22) Filed: **Nov. 9, 2015**

(30) **Foreign Application Priority Data**

Jul. 14, 2015 (EM) 002736785-0002

(51) **LOC (10) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/207**

(58) **Field of Classification Search**
USPC D23/207, 208, 209; 210/232, 235, 282
CPC C02F 1/003; B01D 35/30
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,260,366 A 7/1966 Duff
3,281,108 A 10/1966 Lewis
3,342,334 A 9/1967 Soriente
3,428,177 A 2/1969 Duff
3,709,362 A 1/1973 Lindstol
4,282,366 A 8/1981 Eudy
D265,227 S * 6/1982 Jolley D23/207
4,435,289 A 3/1984 Breslau

OTHER PUBLICATIONS

E.S.P. Water Products; Website Advertisement for The Outback Water Purification System for Emergency Preparedness, Survival, Camping; pp. 1-5 (2013).

Primary Examiner — Robin V Webster
(74) *Attorney, Agent, or Firm* — James Creighton Wray;
Meera P. Narasimhan

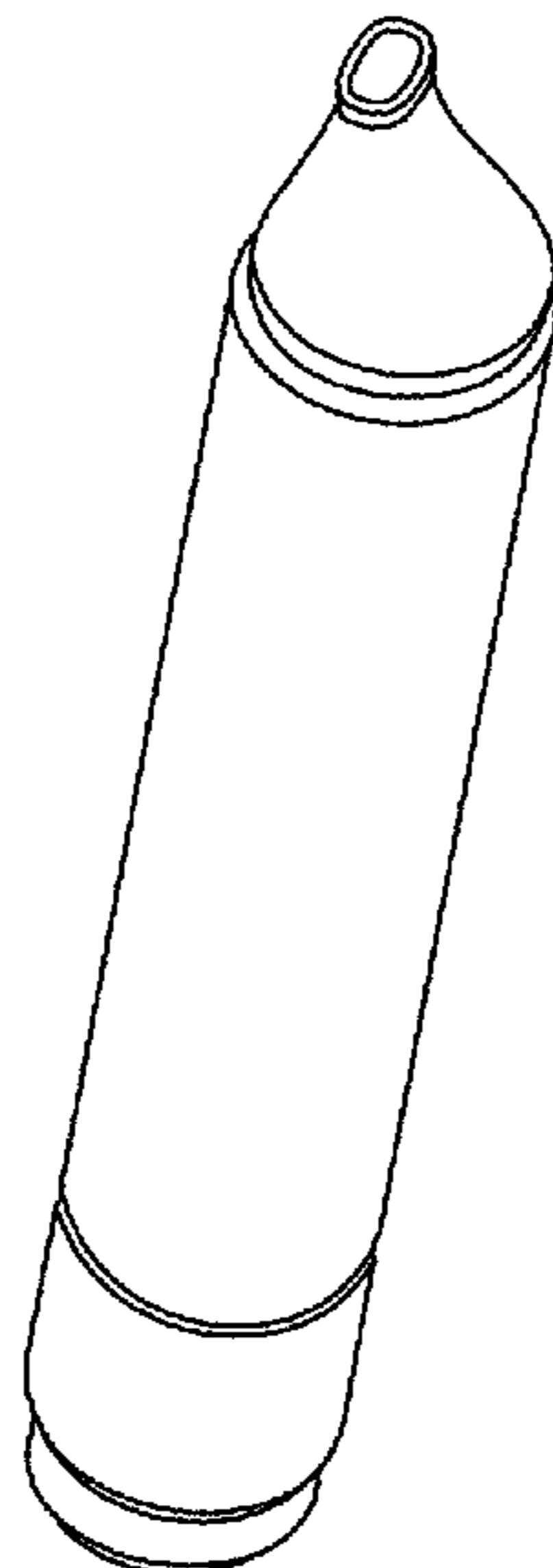
(57) **CLAIM**

The ornamental design for a water purifier, as shown and described.

DESCRIPTION

FIG. 1 is a bottom view of a water purifier with an offset mouthpiece.
FIG. 2 is a perspective view of the water purifier with an offset mouthpiece shown in FIG. 1.
FIG. 3 is a side view of the water purifier with an offset mouthpiece shown in FIGS. 1 and 2; and,
FIG. 4 is a top view of the water purifier with an offset mouthpiece shown in FIGS. 1-3.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

4,978,449 A 12/1990 Devine
 5,045,198 A 9/1991 Norton
 5,156,335 A * 10/1992 Smith A47G 21/188
 210/266
 5,160,673 A 11/1992 Wollbeck
 5,273,649 A * 12/1993 Magnusson C02F 1/002
 210/232
 5,281,309 A 1/1994 Greene
 5,322,625 A 6/1994 Rise
 5,518,613 A 5/1996 Koczur
 5,552,057 A 9/1996 Hughes
 D379,490 S * 5/1997 O'Dougherty D23/208
 5,718,681 A 2/1998 Manning
 D405,867 S * 2/1999 Denkwicz, Jr. D23/209
 D408,493 S * 4/1999 Yeiser D23/207
 D408,886 S * 4/1999 Matyushin D23/207
 5,954,869 A 9/1999 Elfersy
 5,959,014 A 9/1999 Liebeskind
 6,048,456 A * 4/2000 Palmer B01D 24/001
 156/69
 6,113,815 A 9/2000 Elfersy
 6,120,587 A 9/2000 Elfersy
 D432,622 S * 10/2000 Thompson D23/209
 6,159,363 A 12/2000 Collins
 D441,421 S * 5/2001 Aldred D23/209
 6,402,949 B1 6/2002 Banks
 6,454,941 B1 9/2002 Cutler
 6,469,120 B1 10/2002 Elfersy
 6,528,472 B2 3/2003 Charaf
 6,551,609 B2 4/2003 King
 6,632,805 B1 10/2003 Liebeskind
 6,638,426 B1 10/2003 Fritter
 6,712,121 B2 3/2004 Clark
 6,762,172 B1 7/2004 Elfersy
 6,827,874 B2 12/2004 Souter
 6,838,005 B2 1/2005 Tepper
 6,924,325 B2 8/2005 Qian

7,081,201 B2 7/2006 Bassett
 D547,820 S * 7/2007 Fraser D23/207
 D547,822 S * 7/2007 Kennedy D23/207
 D547,823 S * 7/2007 Kennedy D23/207
 7,276,169 B2 10/2007 Marioni
 7,473,362 B1 1/2009 Nohren
 8,318,011 B2 11/2012 O'Brien
 8,334,003 B2 12/2012 Baron
 D696,745 S * 12/2013 Hammerback D23/209
 D717,396 S * 11/2014 Hammarback D23/209
 D717,397 S * 11/2014 Hammarback D23/209
 2003/0164333 A1 9/2003 Nohren
 2003/0222010 A1 12/2003 Bassett
 2004/0031744 A1 2/2004 Nakashima
 2004/0112826 A1 6/2004 Chiba
 2005/0035041 A1 2/2005 Nohren
 2005/0113746 A1 5/2005 Sedaghat Kerdar
 2005/0258108 A1 11/2005 Sanford
 2006/0157398 A1 7/2006 Nohren
 2009/0032455 A1 2/2009 Tada

FOREIGN PATENT DOCUMENTS

EP 0245585 A2 11/1987
 EP 0404573 A2 12/1990
 EP 0938367 A1 9/1999
 EP 1235502 A1 9/2002
 EP 1647527 A1 4/2006
 GB 1112072 A 5/1968
 JP 63287593 11/1988
 WO 0141607 A1 6/2001
 WO 03011769 A2 2/2003
 WO 2008067817 A2 6/2008
 WO 2008101159 A1 8/2008
 WO 2008110166 A1 9/2008
 WO 2008110167 A1 9/2008
 WO 2008110172 A2 9/2008
 WO 2009019592 A2 2/2009
 WO 2009047492 A1 4/2009

* cited by examiner

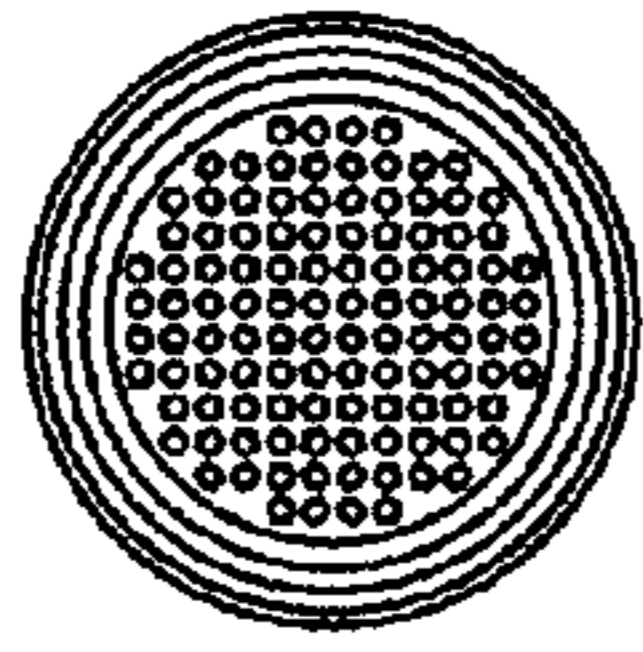


FIG. 1

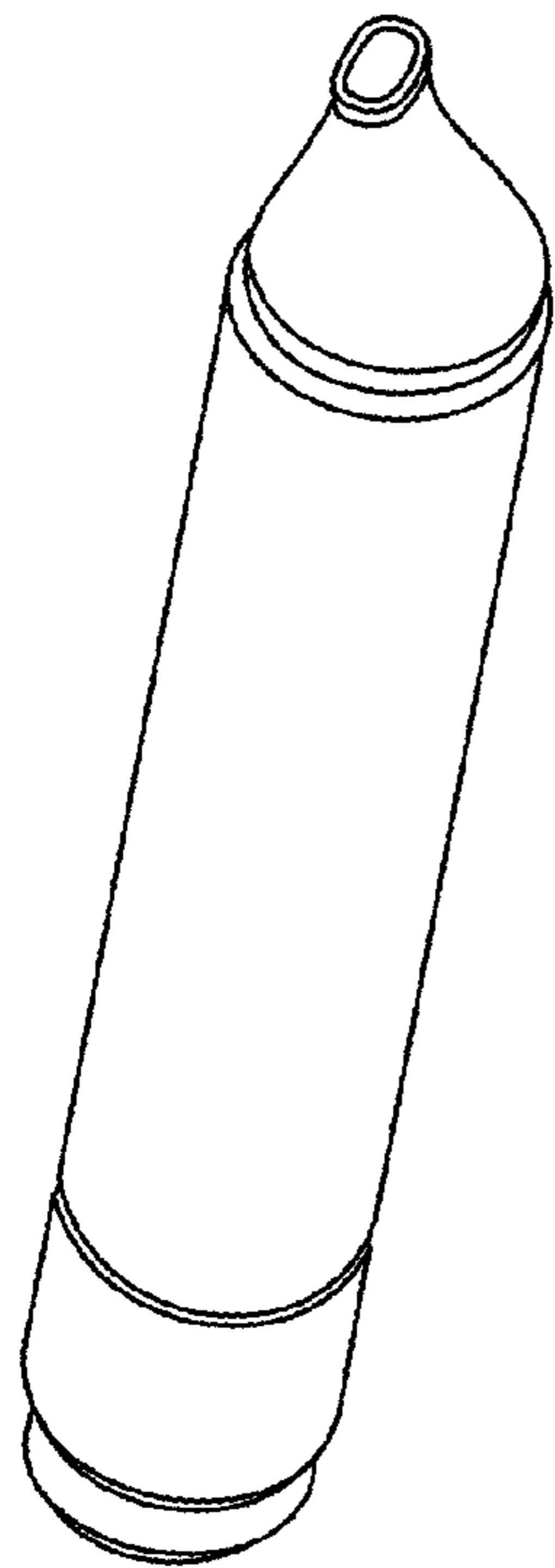


FIG. 2



FIG. 3

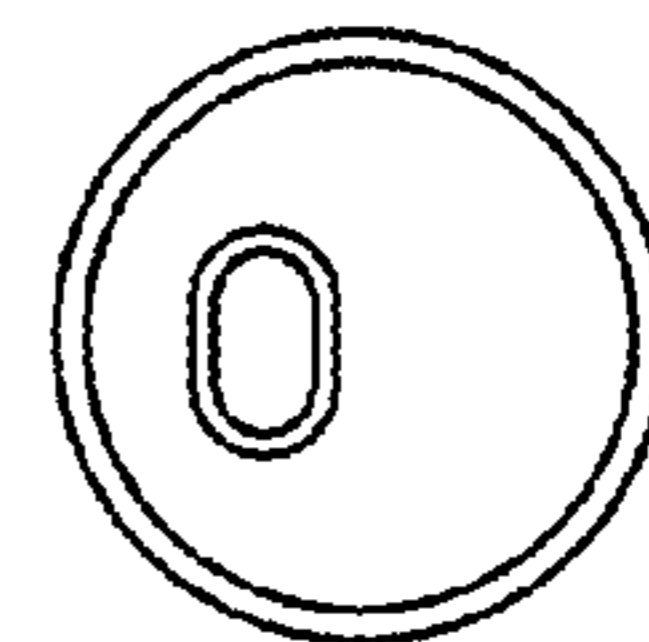


FIG. 4

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D782,609 S
APPLICATION NO. : 29/544966
DATED : March 28, 2017
INVENTOR(S) : Alison Hill et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Item (73) Assignee should read:
Vestergaard SA, Lausanne (CH)

Signed and Sealed this
First Day of August, 2017



Joseph Matal
*Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office*