



US00D804090S

(12) **United States Design Patent** (10) **Patent No.:** **US D804,090 S**
Verleur et al. (45) **Date of Patent:** **** Nov. 28, 2017**

(54) **VAPORIZER WITH INDICATORS**
(71) Applicant: **VMR Products, LLC**, Miami, FL (US)
(72) Inventors: **Jan Andries Verleur**, Miami Beach, FL (US); **Dan Recio**, Miami, FL (US)
(73) Assignee: **VMR Products, LLC**, Miami, FL (US)
(**) Term: **14 Years**

D260,941 S 9/1981 Figur
4,569,136 A 2/1986 Loring
4,676,237 A 6/1987 Wood et al.
(Continued)

FOREIGN PATENT DOCUMENTS

CA 2 846 286 A1 4/2013
CN 1233436 A 11/1999
(Continued)

(21) Appl. No.: **29/487,412**
(22) Filed: **Apr. 8, 2014**
(51) **LOC (10) Cl.** **27-01**
(52) **U.S. Cl.**
USPC **D27/101**
(58) **Field of Classification Search**
USPC D27/101, 162, 163-169, 171; D24/110,
D24/113; D23/360; 131/329; D19/163;
D13/108
CPC A24F 47/00; A24F 47/002; A24F 47/004;
A24F 47/006; A24F 47/008; F23Q 2/28
See application file for complete search history.

OTHER PUBLICATIONS

European Patent Office, Partial European Search Report mailed Oct. 13, 2015 for EP Application No. 14159709.6 filed Mar. 14, 2014.
(Continued)

Primary Examiner — Janice Hallmark
(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

(57) **CLAIM**

The ornamental design for a vaporizer with indicators, as shown and described.

(56) **References Cited**

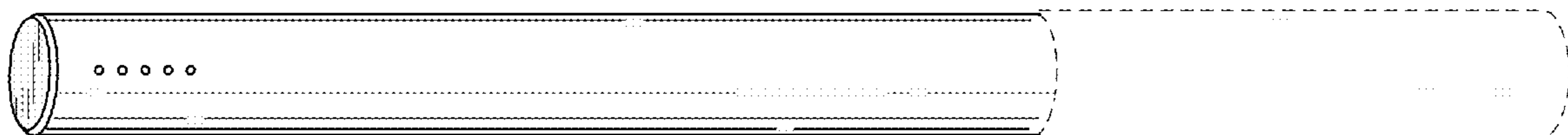
U.S. PATENT DOCUMENTS

1,446,087 A 2/1923 Griffin
2,057,353 A 10/1936 Whittemore, Jr
2,545,851 A 3/1951 Kardos
3,060,429 A 10/1962 Winston
3,200,819 A 8/1965 Gilbert
3,203,025 A 8/1965 Schreur
3,400,998 A 9/1968 Daugherty et al.
3,479,561 A 11/1969 Janning
3,502,588 A 3/1970 Winberg
3,747,120 A 7/1973 Stemme
D248,047 S 5/1978 Rappoport
D251,072 S 2/1979 Stuetzer
4,207,457 A 6/1980 Haglund et al.
D257,519 S 11/1980 Plozner
D259,588 S 6/1981 Stutzer
D260,690 S 9/1981 Stutzer

DESCRIPTION

FIG. 1 is a front perspective view of a vaporizer with indicators;
FIG. 2 is a front view of the vaporizer with indicators of FIG. 1;
FIG. 3 is a side view of the vaporizer with indicators of FIG. 1;
FIG. 4 is a bottom view of the vaporizer with indicators of FIG. 1; and,
FIG. 5 is a top view of the vaporizer with indicators of FIG. 1.
The broken lines in the drawings depict parts of the vaporizer with indicators that form no part of the claimed design.

1 Claim, 1 Drawing Sheet



(56)

References Cited

U.S. PATENT DOCUMENTS

4,771,295 A 9/1988 Baker et al.
 4,771,796 A 9/1988 Myer
 4,797,692 A 1/1989 Ims
 4,848,374 A 7/1989 Chard et al.
 4,945,448 A 7/1990 Bremenour et al.
 4,945,929 A 8/1990 Egilmex
 4,972,855 A 11/1990 Kuriyama et al.
 4,990,939 A 2/1991 Sekiya et al.
 5,060,671 A 10/1991 Counts et al.
 5,124,200 A 6/1992 Mallonee
 5,144,962 A 9/1992 Counts et al.
 5,224,265 A 7/1993 Dux et al.
 5,327,915 A 7/1994 Porenski et al.
 5,388,574 A 2/1995 Ingebretsen
 5,505,214 A 4/1996 Collins et al.
 5,646,666 A 7/1997 Cowger et al.
 5,666,977 A 9/1997 Higgins et al.
 5,703,633 A 12/1997 Gehrler et al.
 5,743,251 A 4/1998 Howell et al.
 5,819,756 A 10/1998 Mielordt
 5,894,841 A 4/1999 Voges
 5,996,589 A 12/1999 St. Charles
 6,062,213 A 5/2000 Fuisz et al.
 6,155,268 A 12/2000 Takeuchi
 6,196,218 B1 3/2001 Voges
 6,234,167 B1 5/2001 Cox et al.
 6,322,268 B1 11/2001 Kaufmann et al.
 6,471,782 B1 10/2002 Fang et al.
 6,501,052 B2 12/2002 Cox et al.
 6,598,607 B2 7/2003 Adiga et al.
 6,620,659 B2 9/2003 Emmma et al.
 6,701,921 B2 3/2004 Sprinkel, Jr. et al.
 6,719,443 B2 4/2004 Gutstein et al.
 6,722,763 B1 4/2004 Hsu et al.
 7,059,307 B2 6/2006 Pellizzari et al.
 D531,180 S 10/2006 Goto
 7,143,766 B2 12/2006 Schuster et al.
 D590,990 S * 4/2009 Hon D27/101
 D590,991 S * 4/2009 Hon D27/101
 D613,902 S * 4/2010 Kaljura D27/101
 D623,351 S * 9/2010 Kirkeby D27/101
 D624,238 S 9/2010 Turner
 D633,436 S * 3/2011 Griffin, Jr. D13/103
 D634,269 S * 3/2011 Griffin, Jr. D13/103
 D642,330 S 7/2011 Turner
 D644,375 S 8/2011 Zhou
 D645,816 S 9/2011 Sasada et al.
 D652,987 S * 1/2012 Kaljura D27/101
 D653,390 S * 1/2012 Kaljura D27/101
 D653,802 S * 2/2012 Kaljura D27/101
 D662,257 S * 6/2012 Alelov D27/101
 D666,355 S * 8/2012 Alelov D27/101
 D675,777 S 2/2013 Wu
 8,365,742 B2 2/2013 Hon
 8,375,957 B2 2/2013 Hon
 8,393,331 B2 3/2013 Hon
 D680,067 S * 4/2013 Nomi D13/108
 D685,522 S * 7/2013 Potter D27/101
 8,490,628 B2 7/2013 Hon
 D688,415 S 8/2013 Kim
 D691,324 S * 10/2013 Saliman D27/101
 D692,881 S * 11/2013 Akana D14/341
 D693,053 S 11/2013 Chen
 D693,765 S 11/2013 Workman et al.
 D695,449 S * 12/2013 Tucker D27/101
 D695,450 S 12/2013 Benassayag et al.
 D697,502 S * 1/2014 Chu D14/250
 D702,876 S 4/2014 Liu
 D704,634 S 5/2014 Eidelman et al.
 D705,724 S * 5/2014 Yu D13/108
 D718,492 S 11/2014 Albanese
 D720,094 S 12/2014 Alima
 D720,095 S 12/2014 Alima
 D720,496 S 12/2014 Alima
 D720,497 S 12/2014 Alima

D720,881 S 1/2015 Liu
 D720,882 S 1/2015 Albanese
 D720,883 S 1/2015 Albanese
 D721,202 S 1/2015 Liu
 D722,166 S 2/2015 Buehl et al.
 D722,956 S 2/2015 Alima
 8,955,522 B1 2/2015 Bowen et al.
 D724,263 S 3/2015 Malhi
 D724,781 S * 3/2015 Hearn D27/101
 D724,782 S 3/2015 Wu
 D725,310 S 3/2015 Eksouzian
 D726,364 S 4/2015 Weigensberg
 D727,564 S * 4/2015 LaForge D27/101
 D728,154 S * 4/2015 Lavanchy D27/101
 D728,855 S * 5/2015 Liu D27/163
 D729,439 S * 5/2015 Scatterday D27/101
 D729,441 S 5/2015 Hua
 9,038,642 B2 5/2015 Liu
 D732,733 S 6/2015 Spagnolo et al.
 D733,050 S * 6/2015 Chiang D13/103
 D739,597 S * 9/2015 Lavanchy D27/100
 D743,883 S * 11/2015 Zhou D13/108
 D749,043 S * 2/2016 Perez D13/108
 D749,044 S * 2/2016 Huang D13/108
 D750,834 S * 3/2016 Wei D27/101
 D750,835 S * 3/2016 Wei D27/101
 D753,336 S * 4/2016 Chen D27/101
 D756,914 S * 5/2016 Rautiainen D13/108
 D760,429 S * 6/2016 Emarlou D27/163
 D762,164 S * 7/2016 Lin D13/103
 D770,676 S * 11/2016 Bennett D27/101
 2005/0017685 A1 1/2005 Rees et al.
 2006/0093977 A1 5/2006 Pellizzari et al.
 2008/0257367 A1 10/2008 Paterno et al.
 2010/0083959 A1 * 4/2010 Siller A24F 47/006
 128/202.21
 2011/0220134 A1 * 9/2011 Duke A24D 3/048
 131/331
 2011/0220234 A1 9/2011 Haas
 2012/0121953 A1 * 5/2012 Baek H01M 10/488
 429/90
 2012/0199146 A1 * 8/2012 Marangos A24F 47/008
 131/328
 2012/0318882 A1 12/2012 Abehasera
 2013/0042865 A1 2/2013 Monsees et al.
 2013/0118509 A1 * 5/2013 Richardson A24D 1/02
 131/280
 2013/0152922 A1 6/2013 Benassayag et al.
 2013/0180533 A1 7/2013 Kim et al.
 2013/0192617 A1 8/2013 Thompson
 2013/0199528 A1 8/2013 Goodman et al.
 2013/0213420 A1 8/2013 Hon
 2013/0220315 A1 8/2013 Conley et al.
 2013/0284190 A1 10/2013 Scatterday et al.
 2013/0298905 A1 11/2013 Levin et al.
 2014/0034070 A1 2/2014 Schennum
 2014/0041655 A1 2/2014 Barron et al.
 2014/0261499 A1 9/2014 Hon
 2014/0283858 A1 * 9/2014 Liu A24F 47/008
 131/329
 2014/0283859 A1 * 9/2014 Minskoff A24F 47/008
 131/329
 2015/0027467 A1 1/2015 Liu
 2015/0027471 A1 1/2015 Feldman et al.
 2015/0091501 A1 4/2015 Claudepierre
 2015/0136155 A1 * 5/2015 Verleur A24F 47/008
 131/328
 2015/0216236 A1 * 8/2015 Bless B23K 26/20
 131/328
 2016/0345626 A1 * 12/2016 Wong A24F 47/008

FOREIGN PATENT DOCUMENTS

CN 201018927 Y 2/2008
 CN 203087525 U 7/2013
 CN 203182012 U 9/2013
 EP 0 358 114 A2 3/1990
 EP 0 533 599 A1 3/1993

(56)

References Cited

FOREIGN PATENT DOCUMENTS

EP	0 845 220	A1	6/1998
EP	2 654 471	B1	10/2013
KR	101 011 453	B1	1/2011
WO	98/17131	A1	4/1998
WO	02/098390	A2	12/2002
WO	03/000324	A1	1/2003
WO	03/034847	A1	5/2003
WO	20071078273	A1	7/2007
WO	2012/072762	A1	6/2012
WO	2013/034453	A1	3/2013
WO	2013/093695	A1	6/2013
WO	2013/116567	A1	8/2013
WO	2013/155645	A1	10/2013
WO	2013/159245	A1	10/2013
WO	2014/008646	A1	1/2014

OTHER PUBLICATIONS

Andrus et al., "Nicotine microaerosol inhaler", Canadian Respiratory Journal, Nov./Dec. 1999, pp. 509-512, Vo. 6, No. 6.

"What is a MOSFET, what does it look like, and how does it work?" dated May 24, 2004, printed from the Internet Archive, i.e., the Wayback machine, which was archived on Mar. 5, 2010 ("TechPowerUp").

"What is a MOSFET, what does it look like, and how does it work?" dated May 24, 2004, printed from the Internet Archive i.e., the Wayback machine, which was archived on Jul. 20, 2011 ("TechPowerUp").

European Patent Office Search Report mailed Oct. 12, 2015 for EP Application No. 14159710.4, filed Mar. 14, 2014.

* cited by examiner

FIG. 1

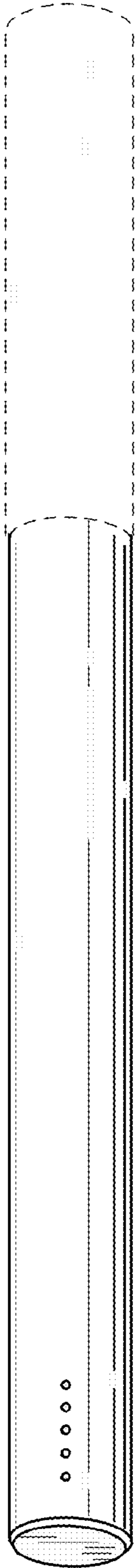


FIG. 2

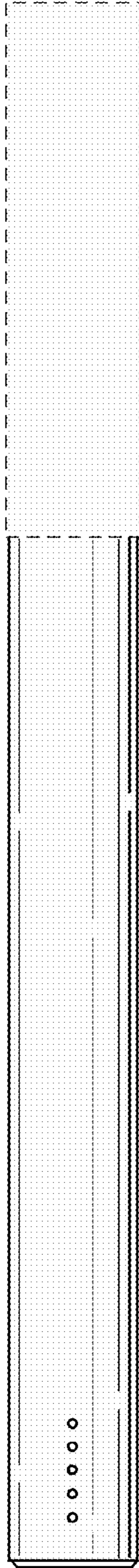


FIG. 3

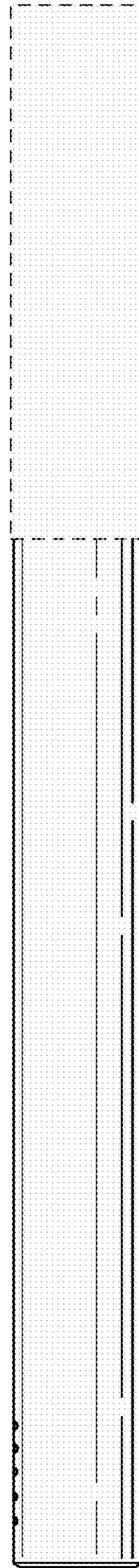


FIG. 5

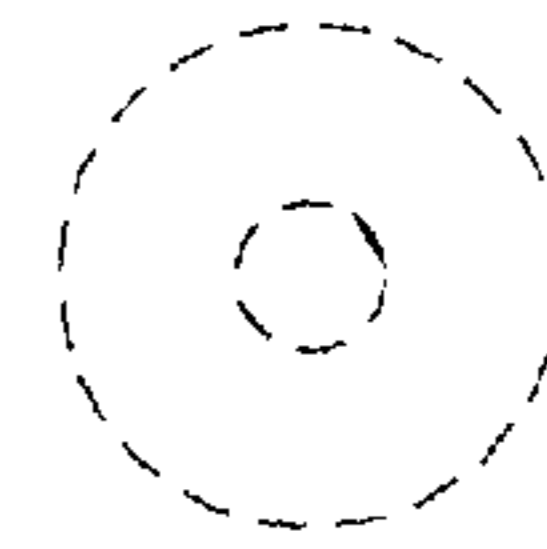


FIG. 4

