US00D797983S

(12) United States Design Patent

Patton et al.

(10) Patent No.: US D797,983 S
(45) Date of Patent: ** Sep. 19, 2017

(54) **ELECTRIC TAPER CANDLE**

(71) Applicant: **Luminara Worldwide, LLC**, Eden Prairie, MN (US)

(72) Inventors: **Douglas Patton**, Irvine, CA (US); **Channing Shattuck**, Bonsall, CA (US)

(73) Assignee: **Luminara Worldwide LLC**, Eden Prairie, MN (US)

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

(21) Appl. No.: **29/564,223**

(22) Filed: **May 11, 2016**

(51) **LOC (10) Cl.** **26-03**

(52) **U.S. Cl.**
USPC **D26/96**

(58) **Field of Classification Search**
USPC D26/4, 5, 6, 7, 9, 96
CPC F21S 6/00; F21S 6/001; F21S 10/04; F21S 10/10; F21S 10/043; F21S 8/08; F21S 48/115; F21V 21/00; F21V 35/00; F21W 2121/00; C11C 5/002; C11C 5/004; C11C 5/006; A47G 33/105
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

701,557	A	*	6/1902	Garrigan	C11C 5/006 246/488
D102,561	S		12/1936	Lamb	
2,077,107	A	*	4/1937	Grundman	A47G 33/105 362/392
2,509,219	A		5/1950	Desmond et al.	
2,697,927	A	*	12/1954	Ferdman	F21V 35/00 431/290
3,194,955	A	*	7/1965	Koch	F21S 6/001 362/202
3,233,093	A		2/1966	Gerlat	
3,373,274	A		3/1968	Kott	
D234,465	S	*	3/1975	Warner	D11/131.1
D263,508	S		3/1982	Hubachek	
4,328,534	A	*	5/1982	Abe	F21S 6/001 313/315
4,551,794	A		11/1985	Sandell	
D293,826	S		1/1988	Berg et al.	
6,454,425	B1		9/2002	Lin	

(Continued)

FOREIGN PATENT DOCUMENTS

CA	2564536	C	12/2009
CA	2804583	A1	1/2014

(Continued)

OTHER PUBLICATIONS

International Search Report and Written Opinion for PCT Application No. PCT/CN2014/073557, mailed Jul. 2, 2014 (11 pages).

(Continued)

Primary Examiner — Brian N Vinson
(74) *Attorney, Agent, or Firm* — Umberg Zipser LLP

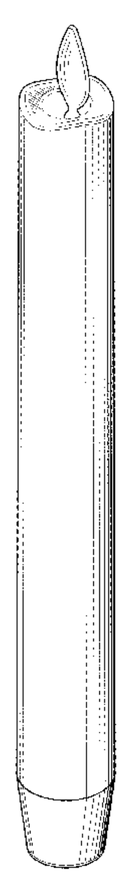
(57) **CLAIM**

We claim the ornamental design for an electric taper candle, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of an electric taper candle showing our new design.
FIG. **2** is a front elevation view thereof.
FIG. **3** is a rear elevation view thereof.
FIG. **4** is a left side elevation view thereof, of which the right side view is a mirror image.
FIG. **5** is a top plan view thereof; and,
FIG. **6** is a bottom plan view thereof.
The broken line disclosure represents portions of the candle which form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

7,159,994	B2		1/2007	Schnuckle et al.
D545,458	S	*	6/2007	Jensen D26/96
D567,993	S		4/2008	Shiu
7,360,918	B2		4/2008	Trombetta et al.
D569,541	S		5/2008	Shiu
D576,317	S		9/2008	Jensen
D589,176	S		3/2009	Huang et al.
D599,491	S		9/2009	Luo
D612,076	S	*	3/2010	Peterson D26/96
7,686,471	B2		3/2010	Reichow
7,837,355	B2		11/2010	Schnuckle
D645,171	S		9/2011	Hau et al.
D706,963	S		6/2014	Thompson
D739,573	S		9/2015	Li
D740,460	S		10/2015	Thompson et al.
D743,096	S	*	11/2015	Patton D26/7
D744,128	S	*	11/2015	Li D26/96
D748,298	S	*	1/2016	Li D26/96
D757,306	S	*	5/2016	Li D26/96
D757,336	S		5/2016	Li
D759,858	S		6/2016	Li
D759,879	S		6/2016	Li
D760,424	S		6/2016	Li
2002/0191404	A1		12/2002	Clift et al.
2003/0053305	A1		3/2003	Lin
2003/0081420	A1		5/2003	Jensen et al.
2004/0165374	A1		8/2004	Robinson
2007/0002560	A1		1/2007	Gutstein et al.
2007/0159422	A1		7/2007	Blandino et al.
2007/0223216	A1		9/2007	Jensen et al.
2007/0223238	A1		9/2007	Jensen
2008/0129226	A1		6/2008	DeWitt et al.
2010/0079999	A1		4/2010	Schnuckle
2012/0134157	A1		5/2012	Li
2014/0104812	A1		4/2014	Patton et al.
2014/0313694	A1		10/2014	Patton et al.

FOREIGN PATENT DOCUMENTS

CN	2551859	Y	5/2003
CN	2562059	Y	7/2003
CN	201034263	Y	3/2008
CN	201103952	Y	8/2008
CN	201159425	Y	12/2008
CN	101865413	A	10/2010
CN	102748589	A	10/2012
CN	202708961	U	1/2013
CN	203024053	U	6/2013
CN	303219547	S	5/2015
CN	303219548	S	5/2015
CN	303219549	S	5/2015
CN	303219561	S	5/2015
GB	2323159	A	9/1998
GB	2379731	A	3/2003
WO	01/92780	A1	12/2001
WO	2006/020839	A2	2/2006
WO	2014/062231	A1	4/2014
WO	2014/121855	A1	8/2014

OTHER PUBLICATIONS

U.S. Appl. No. 61/010,611, filed Sep. 30, 2008, Schnuckle, Provisional patent application.
Design U.S. Appl. No. 29/450,118, filed Mar. 15, 2013, Li.
Design U.S. Appl. No. 29/450,125, filed Mar. 15, 2013, Li.

* cited by examiner

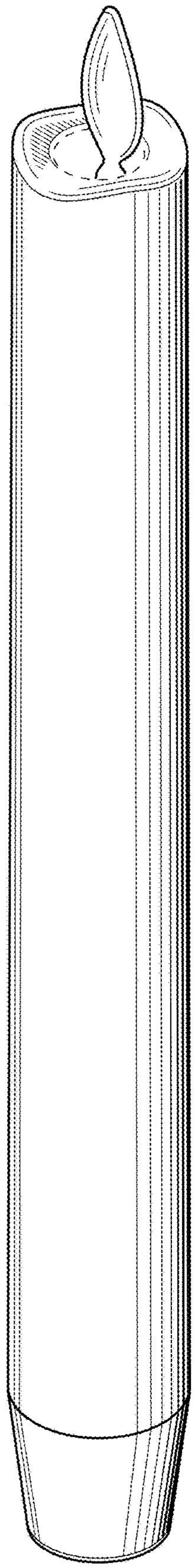


FIG. 1

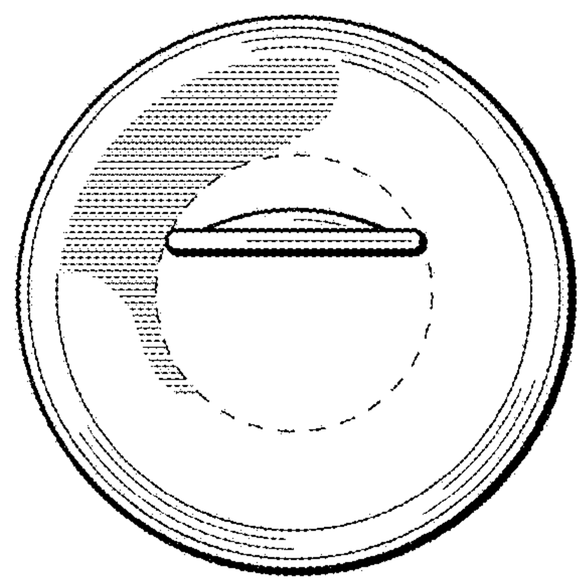


FIG. 5

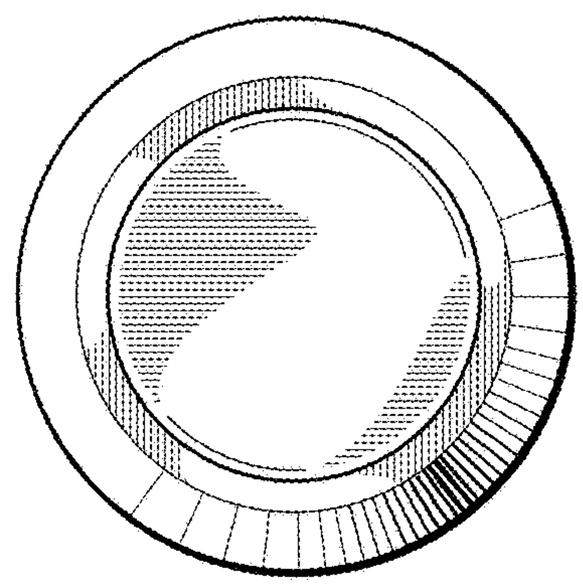


FIG. 6

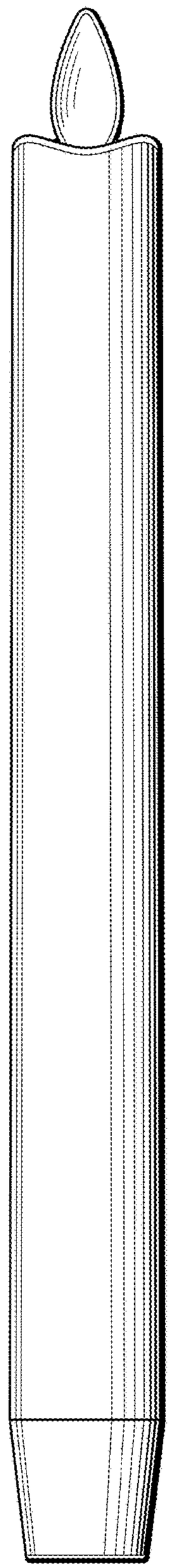


FIG. 2

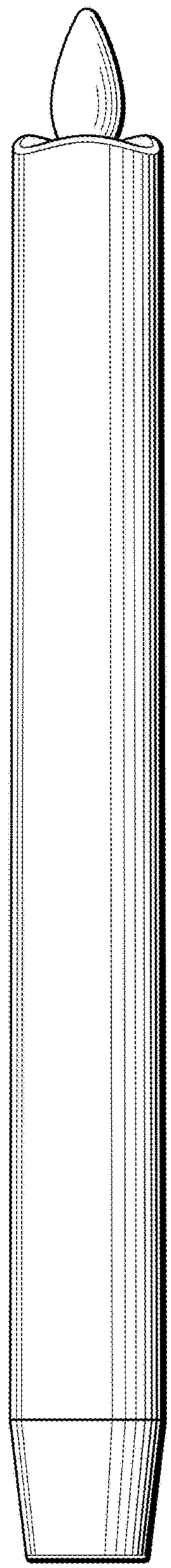


FIG. 3

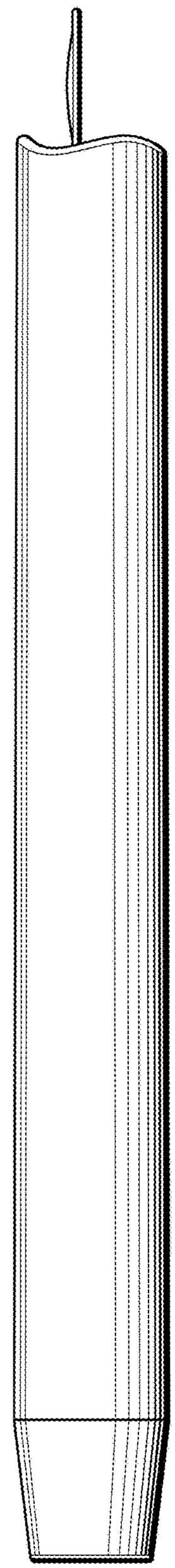


FIG. 4