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(12) **United States Design Patent**
Li

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(54) **ELECTRONIC TAPER CANDLE HAVING A
FLAME-SHAPED ELEMENT ILLUMINATED
ON TWO SIDES THEREOF**

FOREIGN PATENT DOCUMENTS

CN 2551859 5/2003
CN 2562C59 Y 7/2003

(Continued)

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

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OTHER PUBLICATIONS

Pending U.S. Appl. No. 29/450,118, Li.

(Continued)

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(57)

CLAIM

The ornamental design for an electronic taper candle having a flame-shaped element illuminated on two sides thereof, as shown and described.

Related U.S. Application Data

(63) Continuation of application No. 29/493,990, filed on Jun. 16, 2014, now Pat. No. Des. 744,128.

(51) **LOC (10) Cl.** **26-04**

(52) **U.S. Cl.**
USPC **D26/5**

(58) **Field of Classification Search**
USPC D26/4-10; 431/4, 21, 289; 362/157,
362/641-644

See application file for complete search history.

DESCRIPTION

FIG. 1 is an isometric view of the electronic taper candle; FIG. 2 is a front view of the electronic taper candle of FIG. 1, illustrating the illuminated area on one side of the flame-shaped element;

FIG. 3 is a rear view of the electronic taper candle of FIG. 1, illustrating the illuminated area on the opposite side of the flame-shaped element;

FIG. 4 is a left side view of the electronic taper candle of FIG. 1;

FIG. 5 is a right side view of the electronic taper candle of FIG. 1;

FIG. 6 is a top view of the electronic taper candle of FIG. 1; and,

FIG. 7 is a bottom view of the electronic taper candle of FIG. 1.

The broken lines of FIGS. 1-7 are provided for purposes of illustration and form no part of the claimed design of the present application.

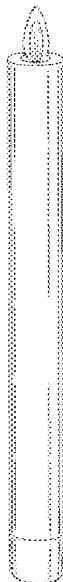
(56) **References Cited**

U.S. PATENT DOCUMENTS

D102,561 S 12/1936 Lamb
2,509,219 A 5/1950 Desmond et al.
4,328,534 A 5/1982 Abe
4,551,794 A 11/1985 Sandell
6,454,425 B1 9/2002 Lin
7,159,994 B2 1/2007 Schnuckle et al.
D545,458 S 6/2007 Jensen
7,261,455 B2 8/2007 Schnuckle et al.
D567,993 S 4/2008 Shiu
D576,317 S * 9/2008 Jensen D26/5
D589,176 S 3/2009 Huang et al.

(Continued)

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D599,491 S 9/2009 Luo
7,686,471 B2 3/2010 Reichow
7,837,355 B2 11/2010 Schnuckle
D739,573 S 9/2015 Li
2003/0053305 A1 3/2003 Lin
2004/0165374 A1 8/2004 Robinson
2007/0002560 A1 1/2007 Gutstein et al.
2007/0159422 A1 7/2007 Blandino et al.
2008/0129226 A1 6/2008 DeWitt et al.
2010/0079999 A1 4/2010 Schnuckle
2012/0134157 A1 5/2012 Li

FOREIGN PATENT DOCUMENTS

CN 201103952 Y 8/2008
CN 201159425 Y 12/2008
CN 101865413 A 10/2010

CN 102748589 A 10/2012
GB 2323159 A 9/1998
GB 2379731 A 3/2003
WO 2006020839 A2 2/2006

OTHER PUBLICATIONS

Pending U.S. Appl. No. 29/450,125, Li.
Pending U.S. Appl. No. 29/493,987, Li.
Pending U.S. Appl. No. 29/493,988, Li.
Pending U.S. Appl. No. 29/493,996, Li.
Pending U.S. Appl. No. 29/511,278, Li.
Pending U.S. Appl. No. 29/511,518, Li.
Pending U.S. Appl. No. 29/517,722, Li.
Expired U.S. Appl. No. 61/101,611, Schnuckle et al.
International Search Report and Written Opinion for related PCT Application No. PCT/CN2014/073557 mailed Jul. 2, 2014 (11 pages).

* cited by examiner

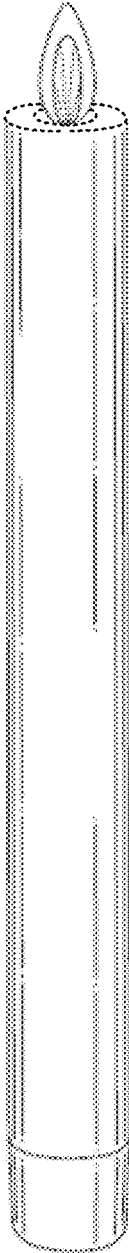


FIG. 1

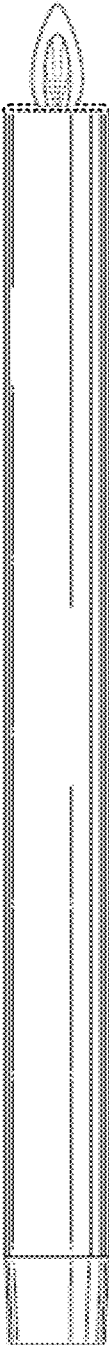


FIG. 2

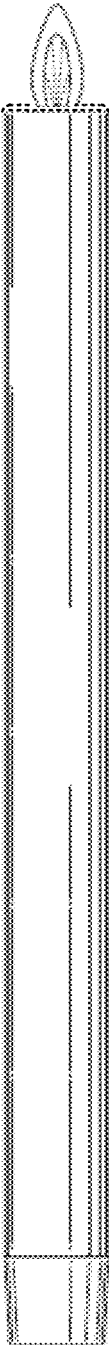


FIG. 3

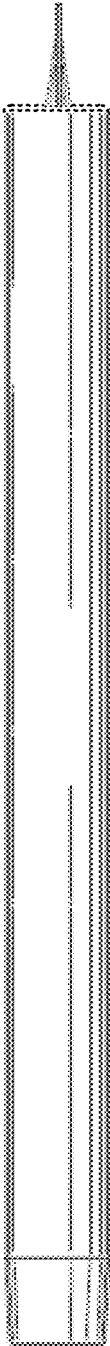


FIG. 4

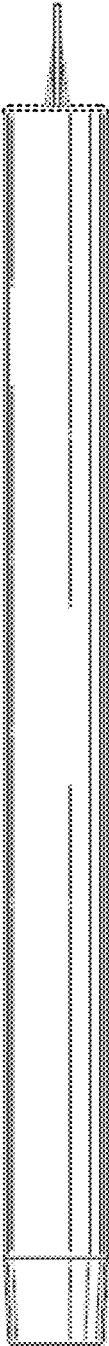


FIG. 5



FIG. 6



FIG. 7