



US00D781785S

(12) **United States Design Patent** (10) **Patent No.:** **US D781,785 S**  
**Akana et al.** (45) **Date of Patent:** **\*\* \*Mar. 21, 2017**

(54) **ADAPTER**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Jody Akana**, San Francisco, CA (US); **Bartley K. Andre**, Palo Alto, CA (US); **Jeremy Bataillou**, San Francisco, CA (US); **Daniel J. Coster**, San Francisco, CA (US); **Daniele De Iuliis**, San Francisco, CA (US); **M. Evans Hankey**, San Francisco, CA (US); **Julian Hoenig**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Ive**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Shin Nishibori**, Kailua, HI (US); **Matthew Dean Rohrbach**, San Francisco, CA (US); **Peter Russell-Clarke**, San Francisco, CA (US); **Christopher J. Stringer**, Woodside, CA (US); **Eugene Antony Whang**, San Francisco, CA (US); **Rico Zörkendörfer**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/544,310**

(22) Filed: **Nov. 2, 2015**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/481,729, filed on Feb. 10, 2014, now Pat. No. Des. 742,320, (Continued)

(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/147**

(58) **Field of Classification Search**

USPC ..... D13/133, 146, 147, 154, 184, 199;  
D14/433, 434, 435.1, 436, 438

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D304,028 S 10/1989 Matsuzaki  
D369,157 S 4/1996 Ohmori et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO WO 2006/074348 A1 7/2006  
WO WO 2011/150403 A1 12/2011

(Continued)

**OTHER PUBLICATIONS**

Apple iPad Camera Connection Kit, <http://store.apple.com/us/product/MC531ZM/A/apple-ipad-camera-connection-kit?fnode=3a&fs=m.ipadCompatibility%3Dipad2>, accessed on Aug. 28, 2013, 3 pages.

(Continued)

*Primary Examiner* — Daniel Bui

(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

(57) **CLAIM**

The ornamental design for an adapter, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an adapter showing the claimed design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a top view thereof, the bottom view being a mirror image thereof;

FIG. 4 is a left view thereof;

FIG. 5 is a right view thereof;

FIG. 6 is a rear view thereof; and,

(Continued)

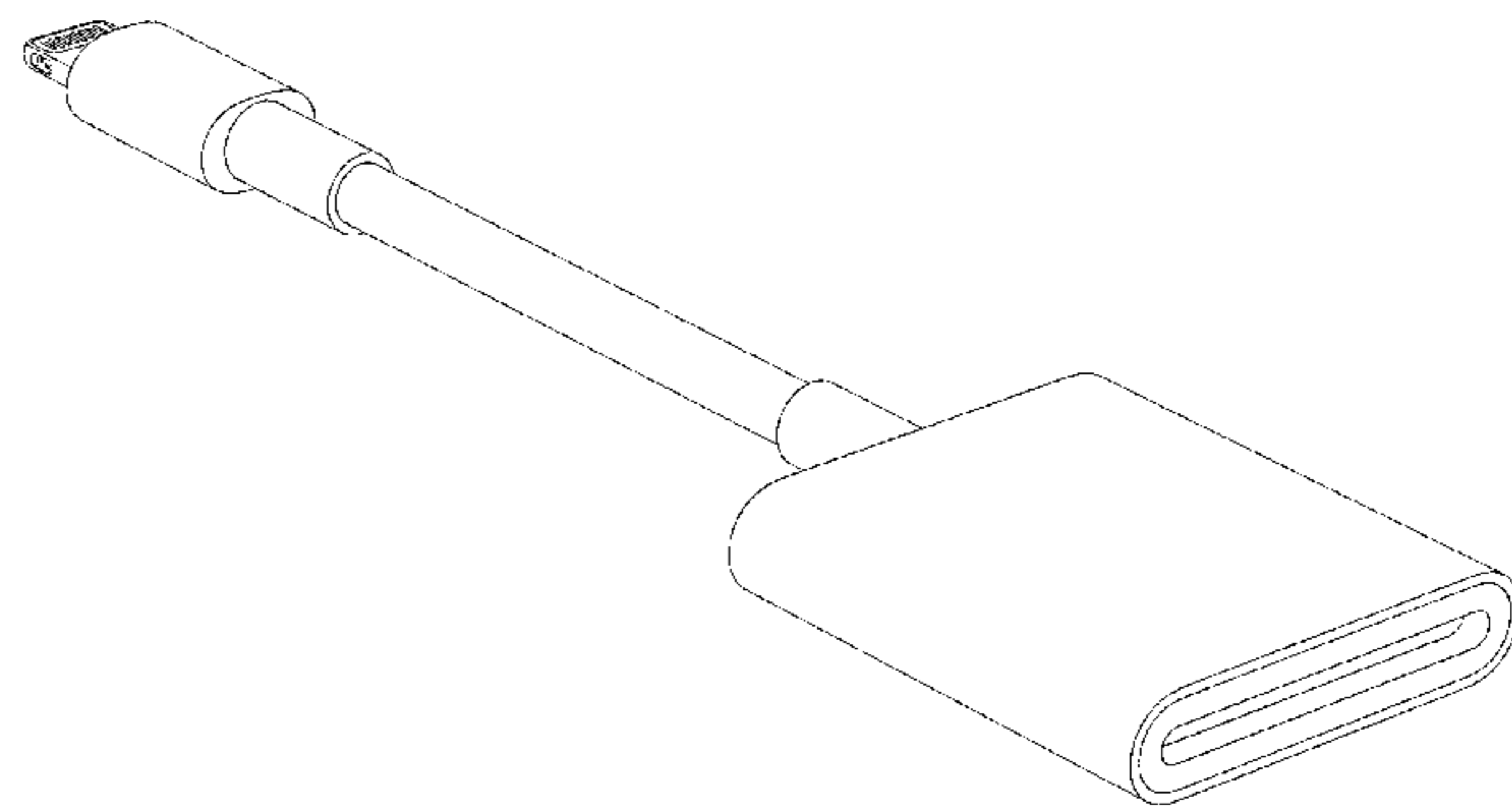
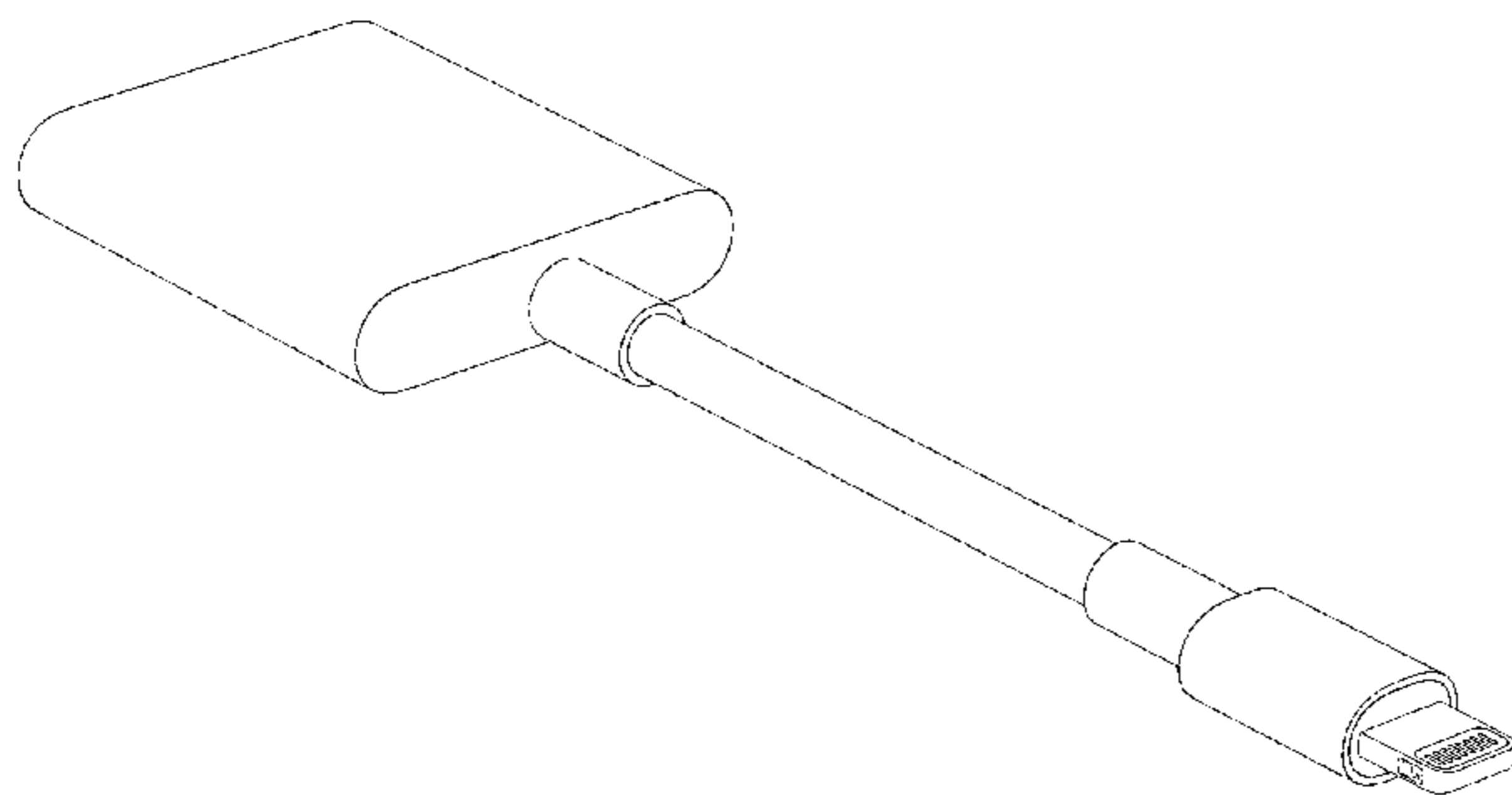


FIG. 7 is a front view thereof.  
The shade lines in the Figures show contour and not surface ornamentation.

**1 Claim, 5 Drawing Sheets**

**Related U.S. Application Data**

which is a continuation-in-part of application No. 29/431,841, filed on Sep. 11, 2012, now Pat. No. Des. 699,188.

- (58) **Field of Classification Search**  
CPC ..... H01R 12/00; H01R 13/00; H01R 24/00;  
H01R 43/00  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D399,047 S	10/1998	Yoshida et al.
6,137,710 A	10/2000	Iwasaki et al.
D452,245 S	12/2001	Wallace et al.
D452,246 S	12/2001	Wallace et al.
6,483,038 B2	11/2002	Lee et al.
D487,747 S	3/2004	Yu et al.
D490,796 S	6/2004	Allen
D522,463 S	6/2006	Novotney et al.
D525,977 S	8/2006	Yao
7,094,089 B2	8/2006	Andre et al.
D531,127 S	10/2006	Zhong et al.
D534,545 S	1/2007	Leija et al.
D537,036 S	2/2007	Chen
D552,099 S	10/2007	Nishizawa et al.
D552,604 S	10/2007	Andre et al.
7,341,472 B2	3/2008	Chao et al.
7,354,312 B2	4/2008	Chuang
D574,365 S	8/2008	Andre et al.
D577,008 S	9/2008	Andre et al.
D578,991 S	10/2008	Donovan et al.
D588,545 S	3/2009	Andre et al.
D594,418 S	6/2009	Fujino et al.
D599,740 S	9/2009	Guccione et al.
D599,800 S	9/2009	Klein et al.
D600,652 S	9/2009	Hong et al.
D604,725 S	11/2009	Chen
D605,650 S	12/2009	Ribeiro
D607,886 S	1/2010	Bolotin et al.
D617,776 S	6/2010	Hightower
D618,226 S	6/2010	Tong et al.
D618,240 S	6/2010	Larmour et al.
D621,785 S	8/2010	Nickol
D624,548 S	9/2010	Yamamoto
D628,151 S	11/2010	Wegener et al.
D628,537 S	12/2010	Nagata et al.
D631,883 S	2/2011	Maier
D635,142 S	3/2011	Borislow
D636,337 S	4/2011	Smith et al.
D637,193 S	5/2011	Andre et al.
D643,040 S	8/2011	Sedio et al.
D648,726 S	11/2011	Behar et al.
D655,296 S	3/2012	Andre et al.
D656,147 S	3/2012	Schlossstein
D658,665 S	5/2012	Akana et al.
D659,150 S	5/2012	Andre
D665,754 S	8/2012	Cobbett et al.
D680,076 S	4/2013	McManigal
D680,539 S	4/2013	Kim
D682,835 S	5/2013	Daniel
D683,703 S	6/2013	Akana et al.
D684,539 S	6/2013	Akana et al.

D684,976 S	6/2013	Akana et al.
8,454,388 B2	6/2013	Song
D693,828 S	11/2013	Akana et al.
D694,243 S	11/2013	Akana et al.
D699,188 S	2/2014	Akana et al.
8,683,090 B2	3/2014	Mullins et al.
D703,145 S	4/2014	Akana et al.
8,708,745 B2	4/2014	Golko et al.
8,721,356 B2	5/2014	Webb et al.
D707,680 S	6/2014	Akana et al.
D707,681 S	6/2014	Akana et al.
8,747,155 B2	6/2014	Weber et al.
8,762,605 B2	6/2014	Terlizzi et al.
D709,032 S	7/2014	Akana et al.
8,777,666 B2	7/2014	Golko et al.
8,799,527 B2	8/2014	Mullins et al.
8,804,355 B2	8/2014	Uttermann et al.
8,845,363 B2	9/2014	Ardisana, II et al.
D714,729 S	10/2014	Akana et al.
8,882,529 B2	11/2014	Weber et al.
8,886,849 B2	11/2014	Golembeski et al.
8,888,510 B2	11/2014	Webb
8,891,216 B2	11/2014	Mullins et al.
8,905,793 B2	12/2014	Golko et al.
8,986,029 B2	3/2015	Webb et al.
9,011,161 B2	4/2015	Weber et al.
9,011,179 B2	4/2015	Siahaan et al.
9,021,159 B2	4/2015	Fritchman et al.
D731,434 S	6/2015	Akana et al.
D732,035 S	6/2015	Akana et al.
D734,434 S	7/2015	Akana et al.
2002/0170972 A1	11/2002	Kim
2003/0225954 A1	12/2003	Wu
2005/0109841 A1	5/2005	Ryan et al.
2005/0202727 A1	9/2005	Andre et al.
2007/0123106 A1	5/2007	Zhang
2007/0229025 A1	10/2007	Tsai et al.
2007/0293079 A1	12/2007	Chao et al.
2011/0199729 A1	8/2011	Hsieh
2012/0252256 A1	10/2012	Zhu et al.
2013/0084760 A1	4/2013	Siahaan et al.
2013/0175326 A1	7/2013	Jol et al.
2013/0244489 A1	9/2013	Terlizzi et al.
2013/0244491 A1	9/2013	Sarwar et al.
2013/0305066 A1	11/2013	Mullins et al.
2014/0013012 A1	1/2014	Terlizzi et al.
2014/0069709 A1	3/2014	Schmidt et al.
2014/0070774 A1	3/2014	Terlizzi et al.
2014/0073170 A1	3/2014	Golko et al.
2014/0073191 A1	3/2014	Colahan et al.
2014/0073193 A1	3/2014	SooHoo et al.
2014/0075051 A1	3/2014	Zadesky et al.
2014/0075169 A1	3/2014	Andrews et al.
2014/0075210 A1	3/2014	Rich et al.
2014/0294656 A1	10/2014	Brickner et al.

FOREIGN PATENT DOCUMENTS

WO	WO 2011/160138 A2	12/2011
WO	WO 2011/163256 A1	12/2011
WO	WO 2011/163260 A1	12/2011
WO	WO 2012/103383 A2	8/2012
WO	WO 2013/081704 A1	6/2013
WO	WO 2014/040224 A1	3/2014

OTHER PUBLICATIONS

Apple 30-pin Digital AV Adapter, <http://store.apple.com/us/product/MD098ZM/A/apple-digital-av-adapter?fnode=3a&fs=m>.  
ipadCompatibility%3Dipad2, accessed on Aug. 28, 2013, 3 pages.  
Apple 30-pin to VGA Adapter, <http://store.apple.com/us/product/MC552ZM/B/apple-vga-adapter?fnode=3a&fs=m>.  
ipadCompatibility%3Dipad2, accessed on Aug. 28, 2013, 4 pages.  
U.S. Appl. No. 29/432,034, filed Sep. 12, 2012.

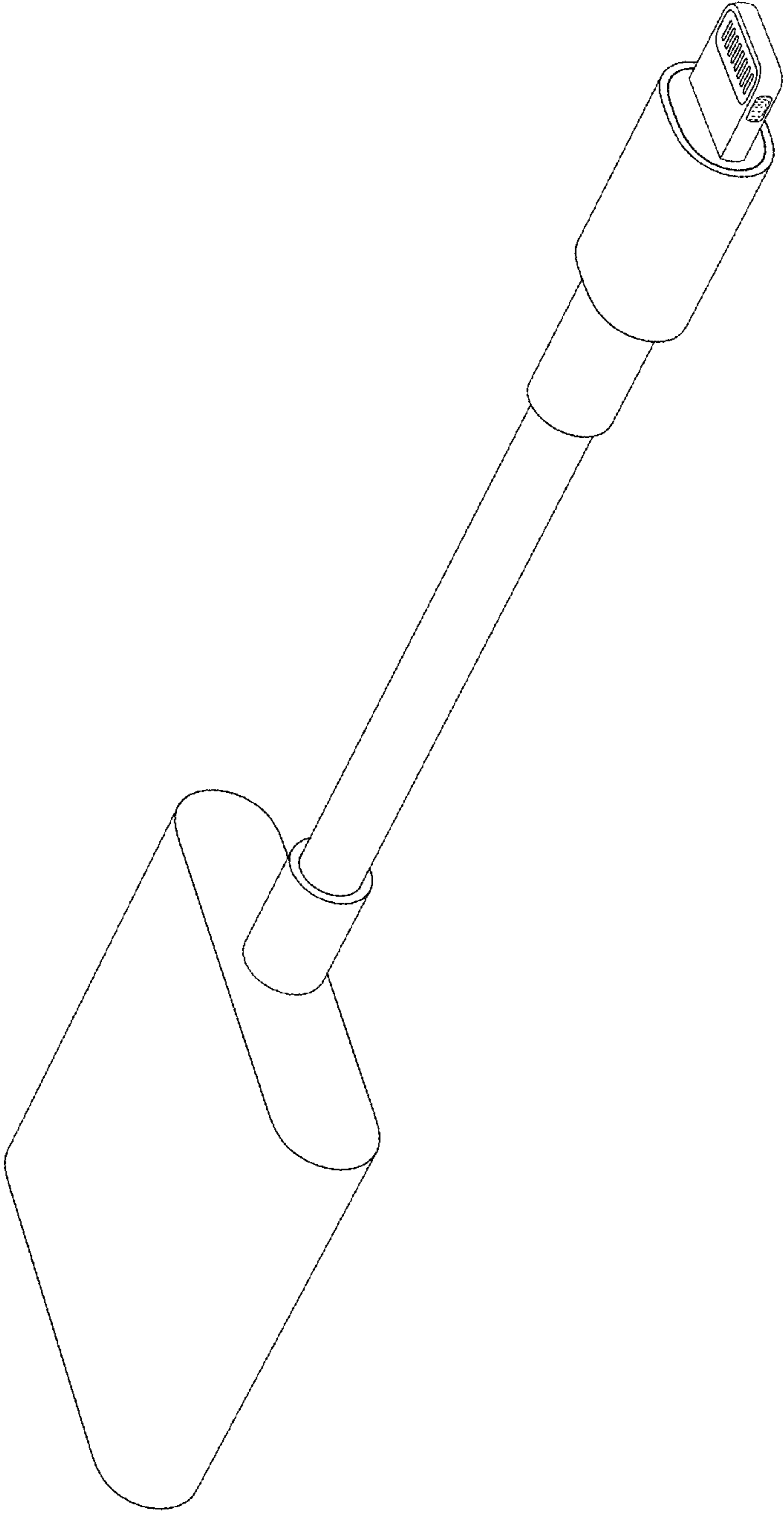


FIG. 1

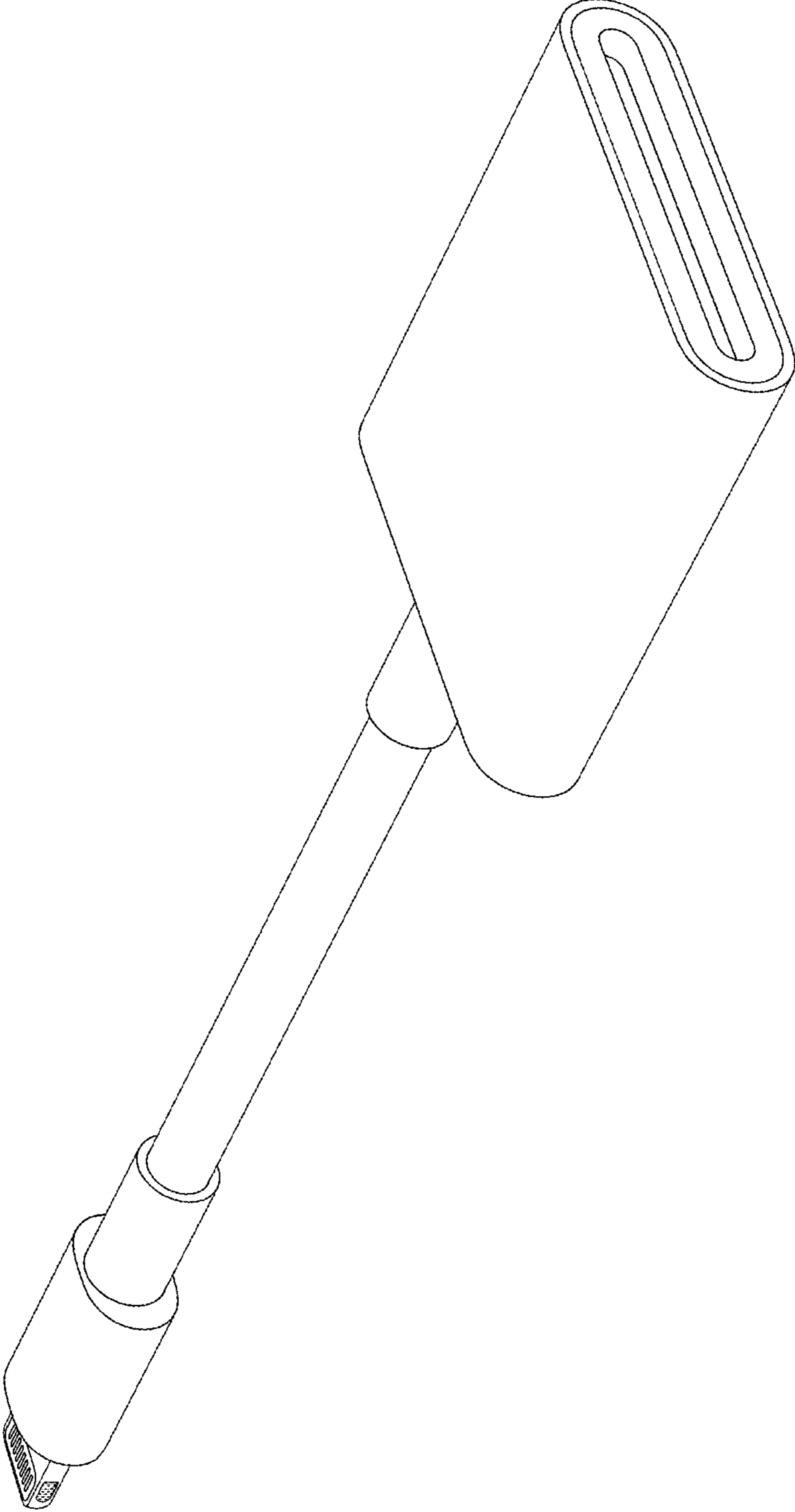
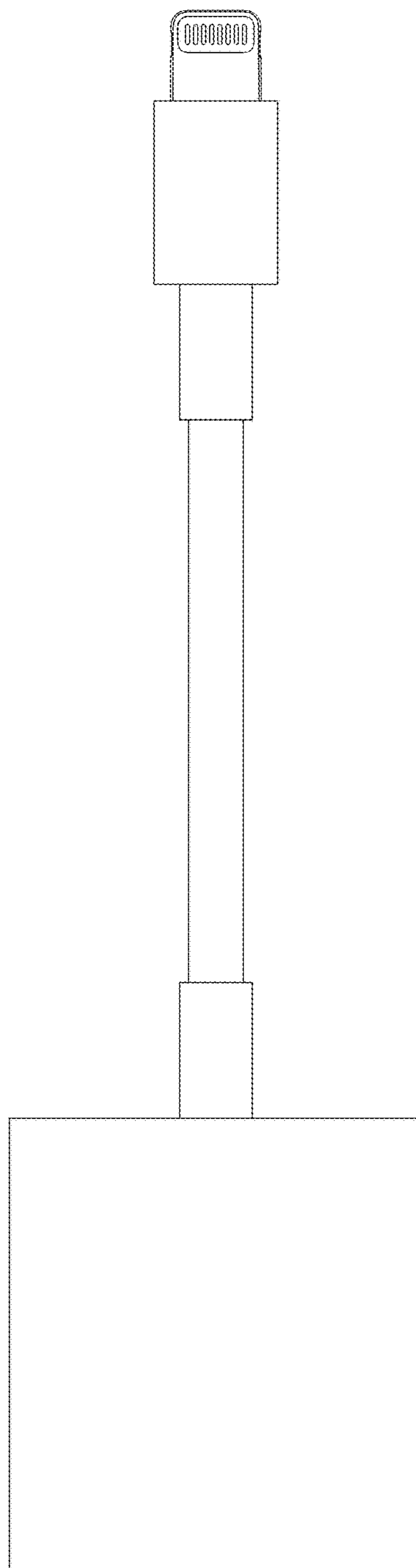
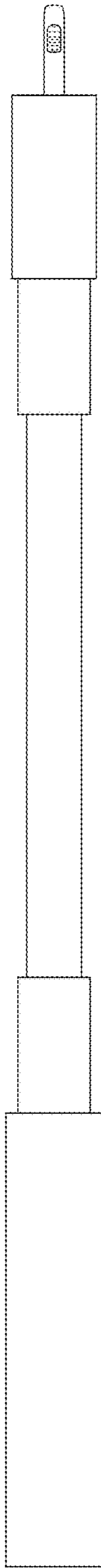


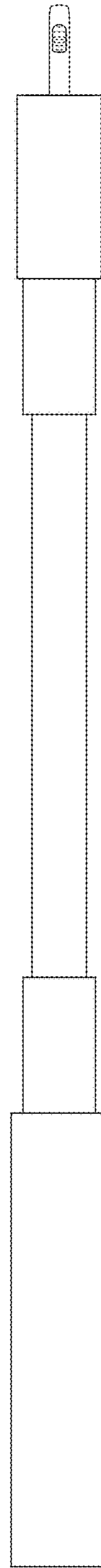
FIG. 2



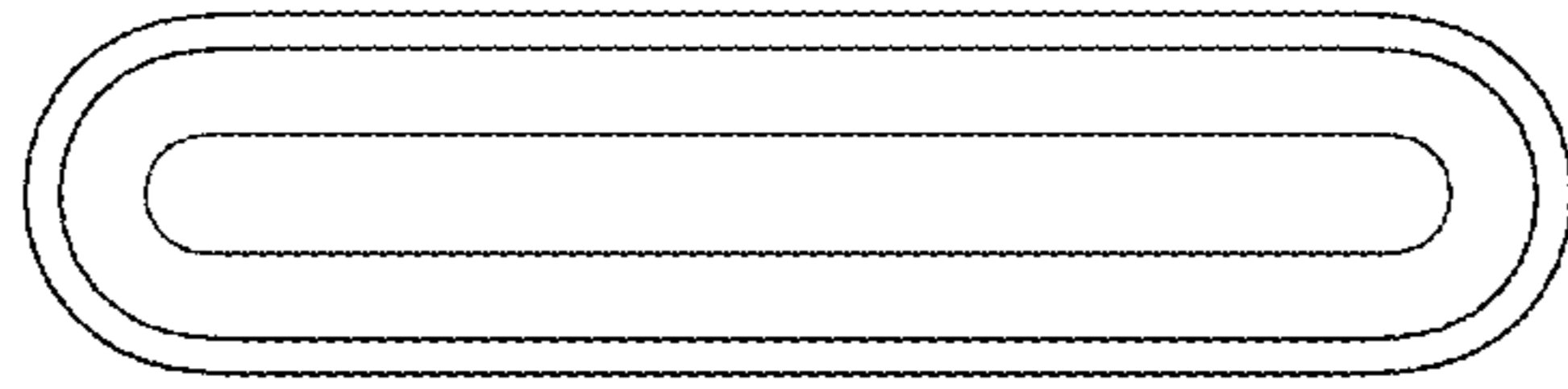
**FIG. 3**



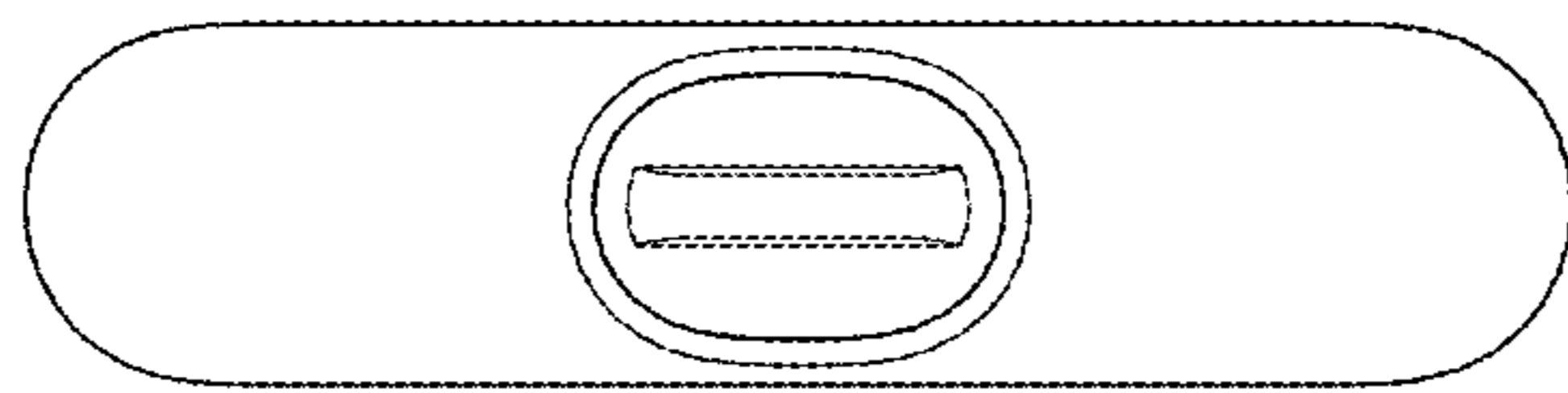
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D781,785 S  
APPLICATION NO. : 29/544310  
DATED : March 21, 2017  
INVENTOR(S) : Akana 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

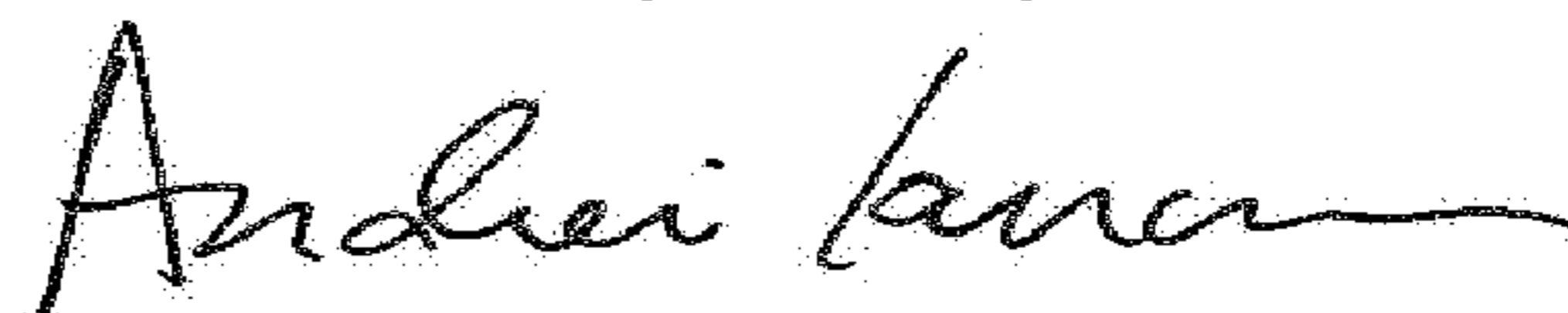
In the "Related U.S. Application Data" Item (63), please replace:

"Continuation-in-part of application No. 29/481,729, filed on Feb. 10, 2014, now Pat. No. Des. 742,320, which is a continuation-in-part of application No. 29/431,841, filed on Sep. 11, 2012, now Pat. No. Des. 699,188."

With:

-- Continuation of application No. 29/481,729, filed on Feb. 10, 2014, now Pat. No. Des. 742,320, which is a continuation of application No. 29/431,841, filed on Sep. 11, 2012, now Pat. No. Des. 699,188. --.

Signed and Sealed this  
First Day of May, 2018



Andrei Iancu  
*Director of the United States Patent and Trademark Office*