



US00D796482S

(12) **United States Design Patent**
Zheng et al.

(10) **Patent No.:** **US D796,482 S**
(45) **Date of Patent:** **** Sep. 5, 2017**

- (54) **GIMBAL WITH HANDLE**
- (71) Applicant: **SZ DJI Osmo Technology Co., Ltd.**,
Shenzhen (CN)
- (72) Inventors: **Haibin Zheng**, Shenzhen (CN); **Min Kim**, Shenzhen (CN)
- (73) Assignee: **SZ DJI Osmo Technology Co., Ltd.**,
Shenzhen (CN)

6,366,672 B1 4/2002 Tsay
 6,923,686 B1 8/2005 Cheng
 7,158,092 B2 1/2007 Shen
 (Continued)

FOREIGN PATENT DOCUMENTS

CN 303127592 S 3/2015
 CN 303320443 S 8/2015
 (Continued)

- (**) Term: **15 Years**
- (21) Appl. No.: **29/602,667**
- (22) Filed: **May 2, 2017**

OTHER PUBLICATIONS

DJI Osmo Handheld 4K Camera. [online] Published date Sep. 20, 2016. Retrieved on Jun. 19, 2017 from <URL: https://www.amazon.ca/DJI-Handheld-Camera-3-Axis-Starters/dp/B01LYK5634/ref=sr_1_fkmr0_1?s=electronics&ie=UTF8&qid=1497890103&sr=1-1-fkmr0&keywords=DJI+CP.ZM.000425+Handheld>.*

(Continued)

Related U.S. Application Data

- (63) Continuation of application No. 29/601,445, filed on Apr. 21, 2017, which is a continuation of application No. 29/566,534, filed on May 31, 2016.
- (51) **LOC (10) Cl.** **14-01**
- (52) **U.S. Cl.**
USPC **D14/217; D16/243**
- (58) **Field of Classification Search**
USPC D14/217, 229, 250–253, 434; D16/200, D16/204, 208, 213, 235, 237–250; D8/363, 373, 394
CPC G03B 17/02–17/04; G03B 17/14; G03B 17/56; G03B 17/561–17/568; G03B 21/20; G02B 7/00–7/002
See application file for complete search history.

Primary Examiner — Vy Koenig
Assistant Examiner — Omeed Agilee
 (74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

(57) **CLAIM**

The ornamental design for a gimbal with handle, as shown and described.

DESCRIPTION

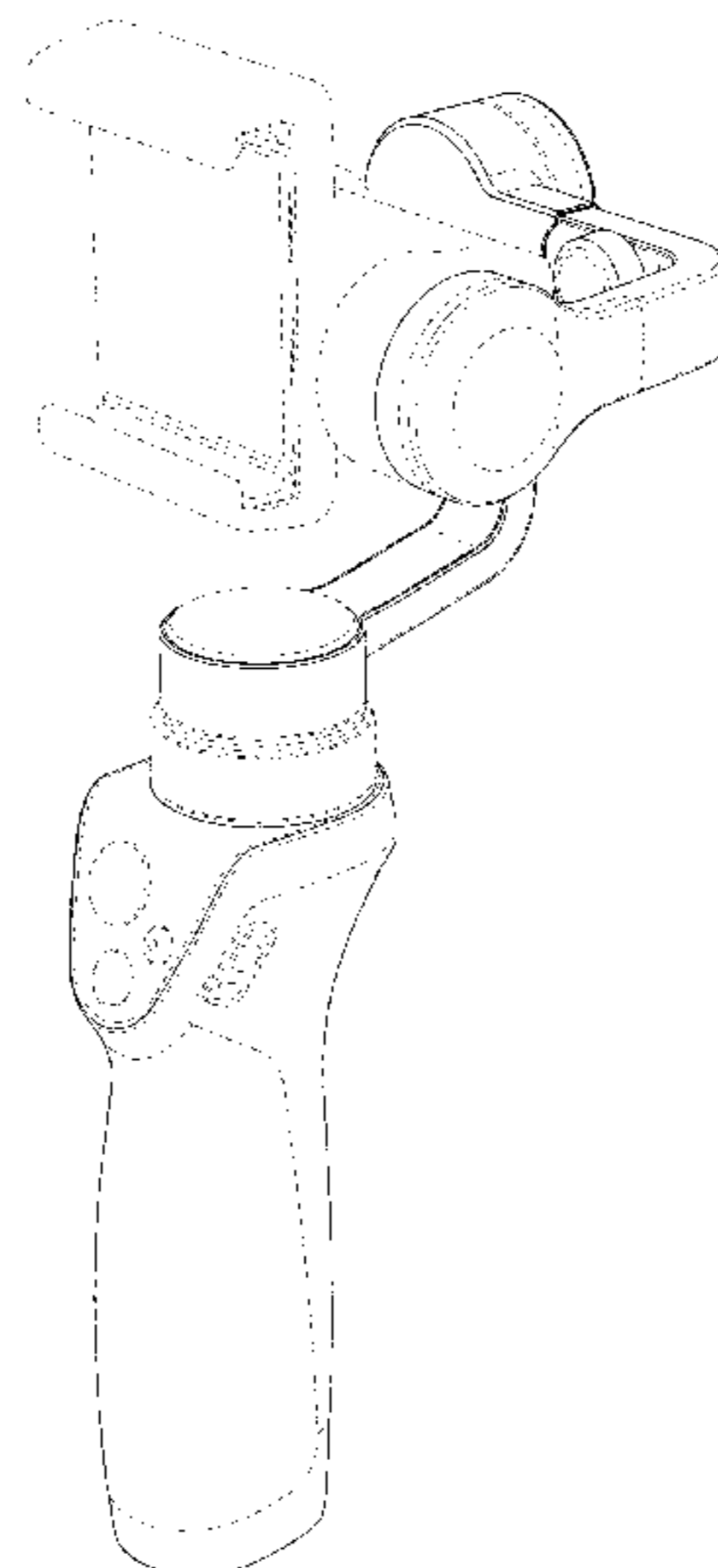
FIG. 1 is a top front perspective view of a gimbal with handle showing the claimed design;
 FIG. 2 is a top rear perspective view thereof;
 FIG. 3 is a front view thereof;
 FIG. 4 is a rear view thereof;
 FIG. 5 is a right side view thereof;
 FIG. 6 is a left side view thereof;
 FIG. 7 is a top view thereof; and,
 FIG. 8 is a bottom view thereof.
 The broken lines in the figures show portions of the gimbal with handle that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,810,647 A 5/1974 Martchenke
 D276,621 S * 12/1984 Hanke D16/244
 4,864,335 A 9/1989 Corrales
 5,021,813 A 6/1991 Corrales
 D320,995 S 10/1991 Fukuda et al.
 D420,004 S * 2/2000 Haney D14/217

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D580,474 S 11/2008 Lee et al.
 D590,867 S 4/2009 Schenone et al.
 D618,222 S * 6/2010 Kallas D14/229
 D619,586 S 7/2010 Richter
 D626,541 S 11/2010 Kim et al.
 8,087,625 B2 1/2012 Chang
 D670,284 S 11/2012 Choi
 D678,387 S * 3/2013 Stump D16/244
 D688,674 S * 8/2013 Lau D14/452
 D690,707 S 10/2013 Minn et al.
 D709,074 S 7/2014 Tsui et al.
 8,780,263 B2 7/2014 Orf
 D710,424 S * 8/2014 Hallgren D16/206
 D715,790 S 10/2014 Conomos et al.
 D715,791 S * 10/2014 Yu D14/253
 D720,344 S 12/2014 Yu
 8,915,660 B1 12/2014 Ben Yehuda et al.
 D727,333 S 4/2015 Shih et al.
 D730,429 S * 5/2015 Anari D16/237
 D732,519 S 6/2015 Aspinall et al.
 D733,115 S 6/2015 Aspinall et al.
 9,203,946 B2 12/2015 Zajeski et al.
 D747,399 S * 1/2016 Stump D16/243
 D754,778 S * 4/2016 Terashita D16/242
 D765,646 S 9/2016 Deng et al.
 D765,651 S 9/2016 Liu et al.
 D766,230 S 9/2016 Shepard
 D768,125 S 10/2016 Kim
 D769,235 S 10/2016 Li
 D769,860 S 10/2016 Xiao
 D777,720 S 1/2017 Russell
 D779,579 S * 2/2017 Anari, III D16/242
 D779,580 S * 2/2017 Jia D16/237
 D780,245 S * 2/2017 Ruback D16/206
 D780,743 S 3/2017 Chun
 D780,825 S * 3/2017 Kim D10/103
 D783,012 S 4/2017 Lee
 D783,013 S 4/2017 Chun
 D783,014 S * 4/2017 Chun D14/253
 D783,592 S 4/2017 Ju
 D784,997 S 4/2017 Cheng et al.
 D785,073 S * 4/2017 Wang D16/242
 D787,499 S * 5/2017 Lee D14/253
 2005/0257352 A1 * 11/2005 Carnevali B60R 11/0241
 24/523
 2006/0285844 A1 12/2006 Hershenzon
 2008/0242154 A1 10/2008 Dixon et al.
 2009/0308993 A1 12/2009 Chang
 2010/0237206 A1 9/2010 Barker
 2014/0071339 A1 3/2014 Baker
 2014/0176062 A1 6/2014 Jung
 2015/0077630 A1 3/2015 Miller
 2015/0090849 A1 4/2015 Breitweiser et al.
 2015/0261070 A1 * 9/2015 Feng G03B 17/561
 396/421
 2015/0261075 A1 * 9/2015 Overall G03B 17/563
 396/422
 2015/0323856 A1 11/2015 Nordhaug
 2015/0346590 A1 12/2015 Lewis
 2016/0088748 A1 3/2016 Lin
 2016/0288730 A1 10/2016 Lee et al.
 2016/0309080 A1 * 10/2016 Chu H04N 5/23219

2016/0381271 A1 * 12/2016 Cheng F16M 11/041
 348/208.2
 2017/0037995 A1 * 2/2017 Pan F16M 11/18
 2017/0146892 A1 * 5/2017 Wei G03B 17/561

FOREIGN PATENT DOCUMENTS

CN 303320450 S 8/2015
 CN 303348679 S 8/2015
 CN 303440091 S 11/2015
 CN 303509498 S 12/2015
 CN 303572923 S 1/2016
 CN 303612732 S 3/2016
 CN 201630082665 * 3/2016
 CN 303648342 S 4/2016
 CN 201630247319 * 6/2016
 CN 303805800 8/2016
 HU D1500140 * 9/1915
 JP D1141667 5/2002
 JP D1208203 6/2004
 JP D1420793 8/2011
 JP D1453628 10/2012
 KR 30-0790778 4/2015
 KR 30-0792883 4/2015
 KR 30-0818012 10/2015
 KR 30-0831427 12/2015
 KR 30-0873632 9/2016
 KR 300873632 9/2016
 KR 30-0879205 11/2016
 KR 300879205 11/2016
 KR 30-0884489 12/2016
 KR 300884489 12/2016

OTHER PUBLICATIONS

Top 10 Best video stabilizers for iPhone in 2017. [online] Published date May 10, 2017. Retrieved on Jun. 19, 2017 from <URL:https://filmora.wondershare.com/video-editing-tips/best-video-stabilizers-for-iphone.html.*
<http://news.mynavi.jp/news/2015/01/19/177/>; dated Jan. 19, 2015.
<http://news.mynavi.jp/photo/news/2015/01/19/177/images/0011.jpg>; dated Jan. 19, 2015.
<http://news.mynavi.jp/photo/news/2015/01/19/177/images/0041.jpg>; dated Jan. 19, 2015.
<http://news.mynavi.jp/photo/news/2015/01/19/177/images/0051.jpg>; dated Jan. 19, 2015.
<http://news.mynavi.jp/photo/news/2015/01/19/177/images/0121.jpg>; dated Jan. 19, 2015.
<http://k-tai.watch.impress.co.jp/docs/column/stapa/687357.html>; dated Feb. 9, 2015.
 “Swiftcam M3 Auto-stabilizing Hand Held Holder Gimbal for Smartphone Mobile Phone,” ebay, <URL: <http://www.ebay.com/itm/Swiftcam-M3-Auto-stabilizing-Hand-Held-Holder-Gimbal-For-Smartphone-Mobile-Phone-/181421925183>>; date accessed: Apr. 25, 2017.
 “WenPod SP2 Digital Stabilizer Gimbal Smart Phone Holder,” zapals, <URL: <https://www.zapals.com/wenpod-sp2-digital-stabilizer-gimbal-smart-phone-holder.html>>; date accessed: Apr. 25, 2017.
 “Smartphone Mount Holder for Feiyu Tech G3 Ultra 2 / 3-Axis Steadycam Handheld Gimbal Stabilizer Phone Holder,” Bigup Gadgets, <URL: <http://bigupgadgets.com/smartphone-mount-holder-for-feiyu-tech-g3-ultra-2-3-axis-steadycam-handheld-gimbal-stabilizer-phone-holder.html>>, dated accessed: Apr. 25, 2017.

* cited by examiner

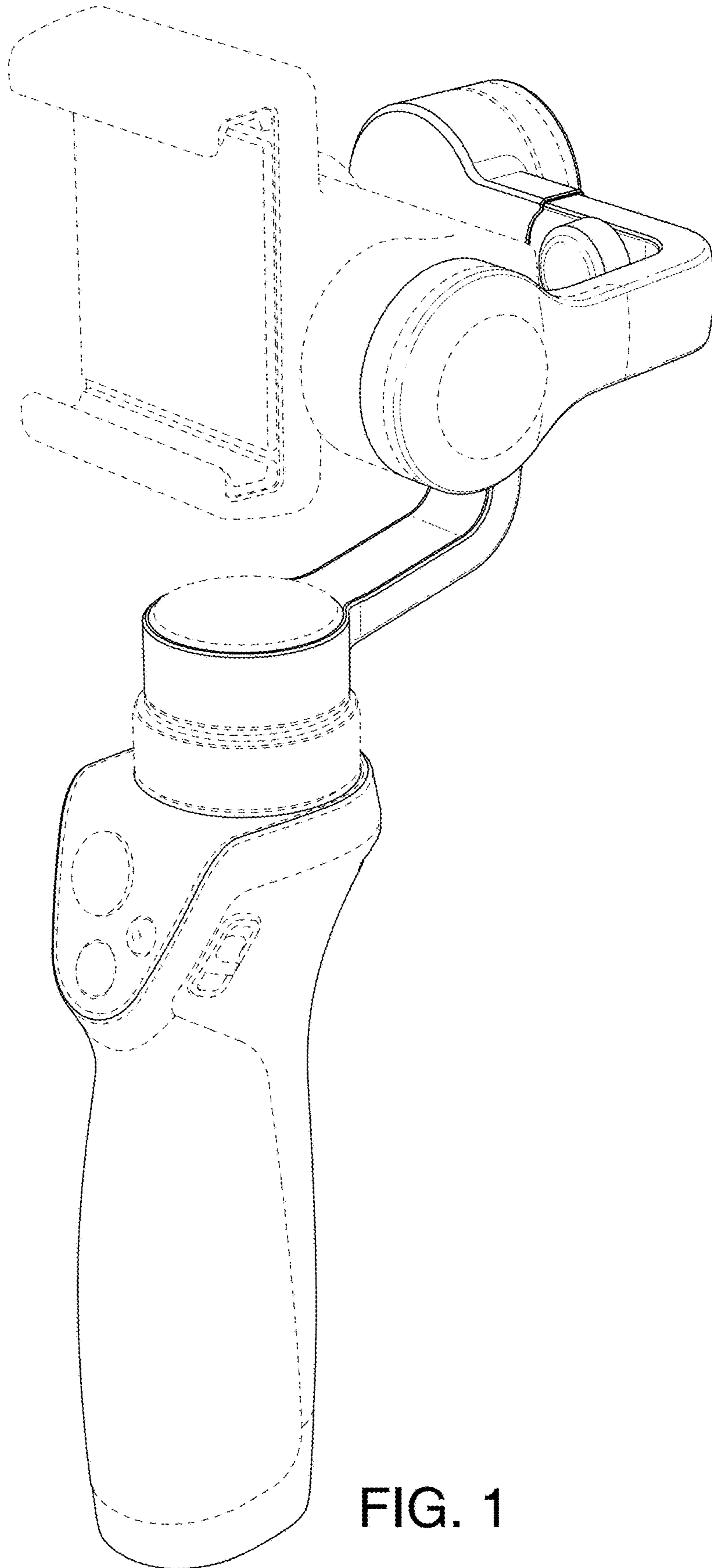


FIG. 1

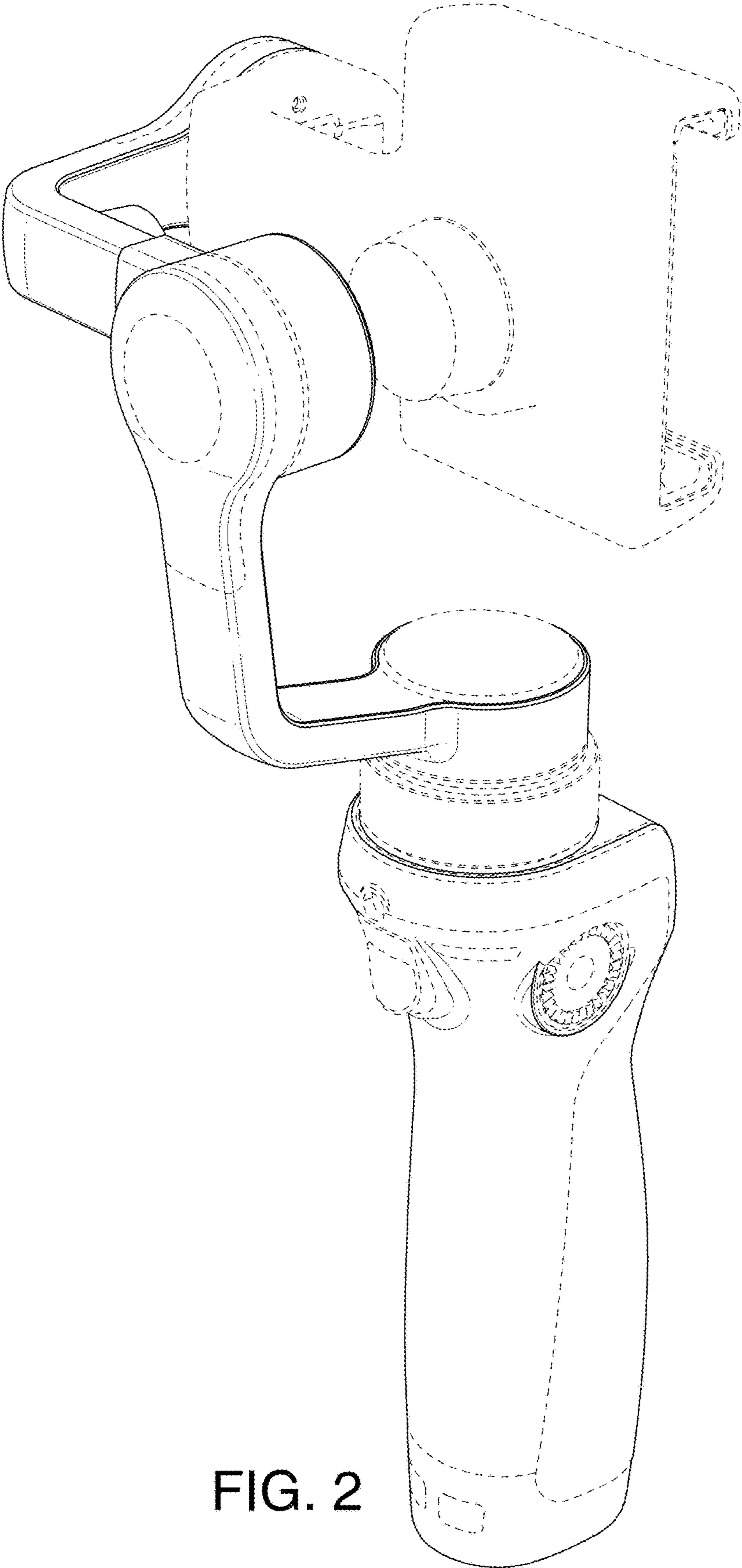


FIG. 2

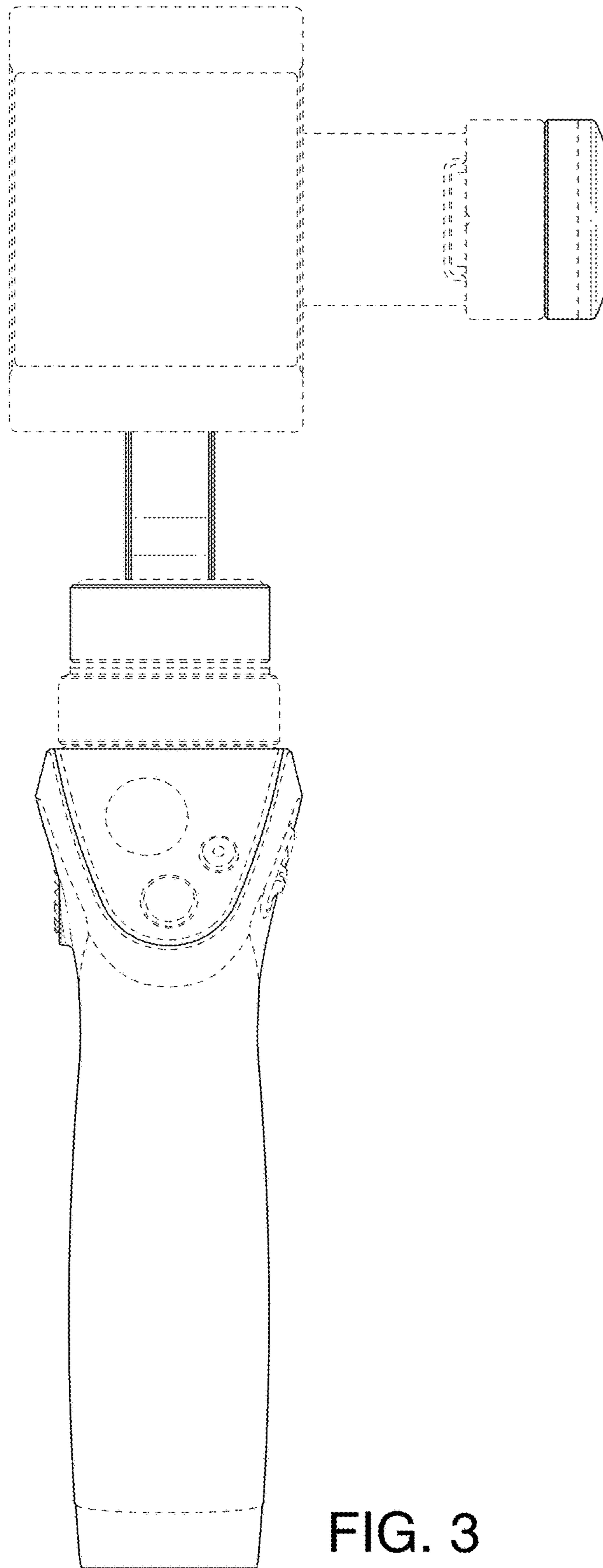


FIG. 3

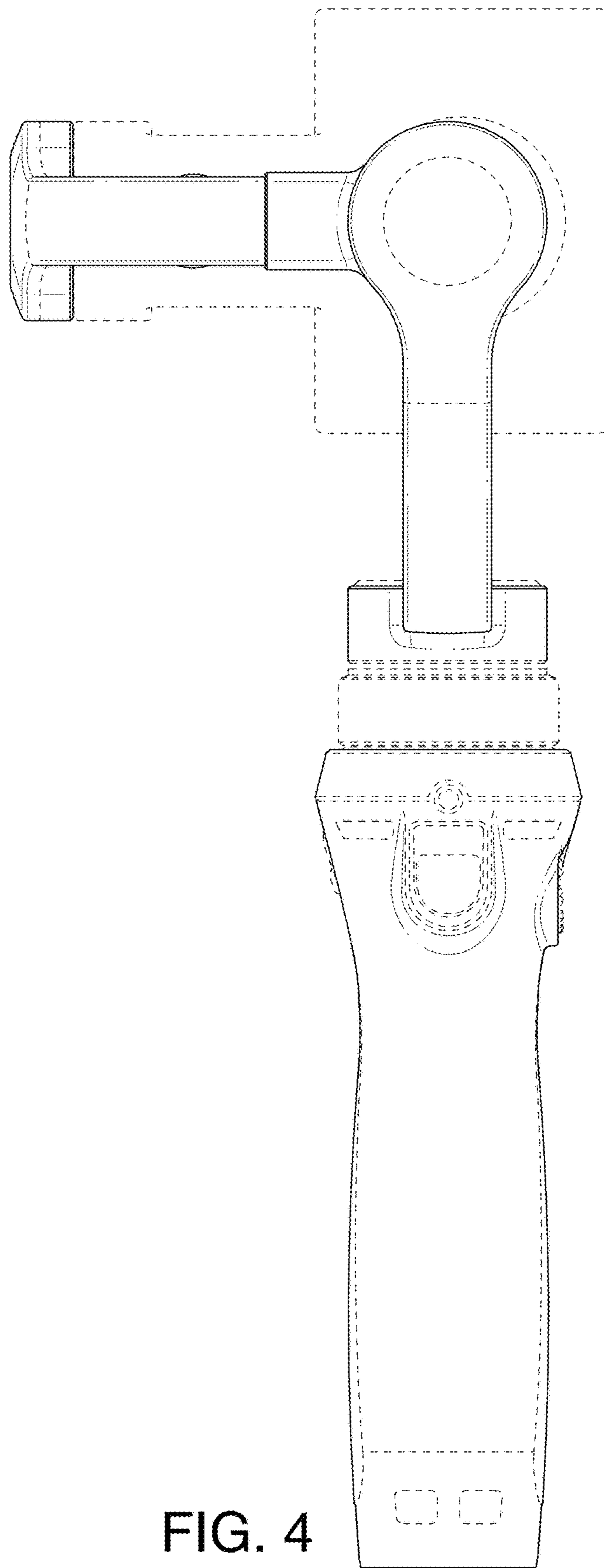


FIG. 4

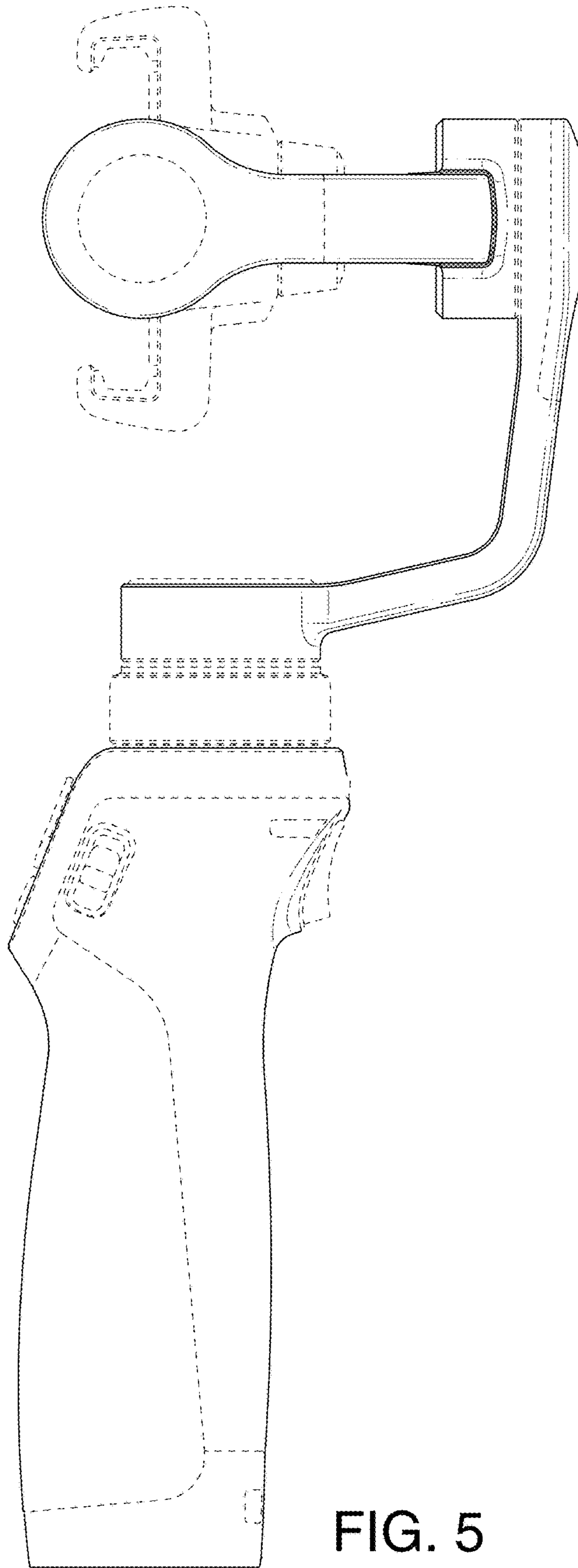


FIG. 5

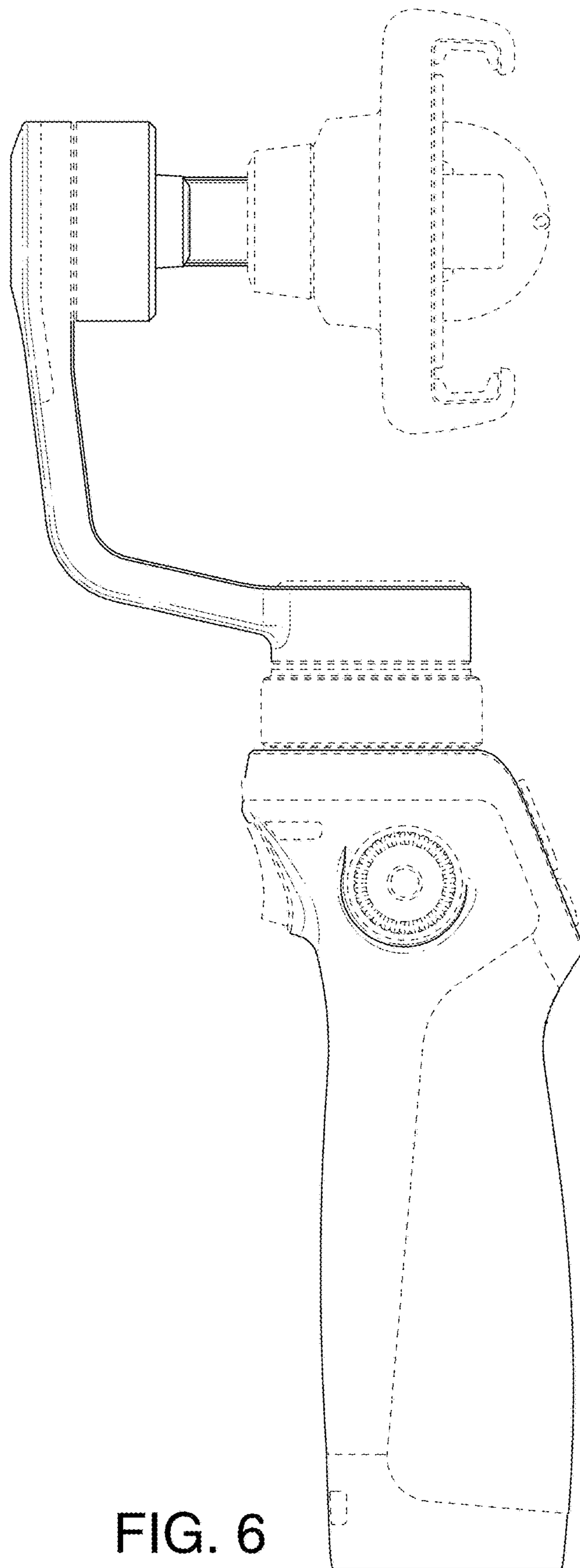


FIG. 6

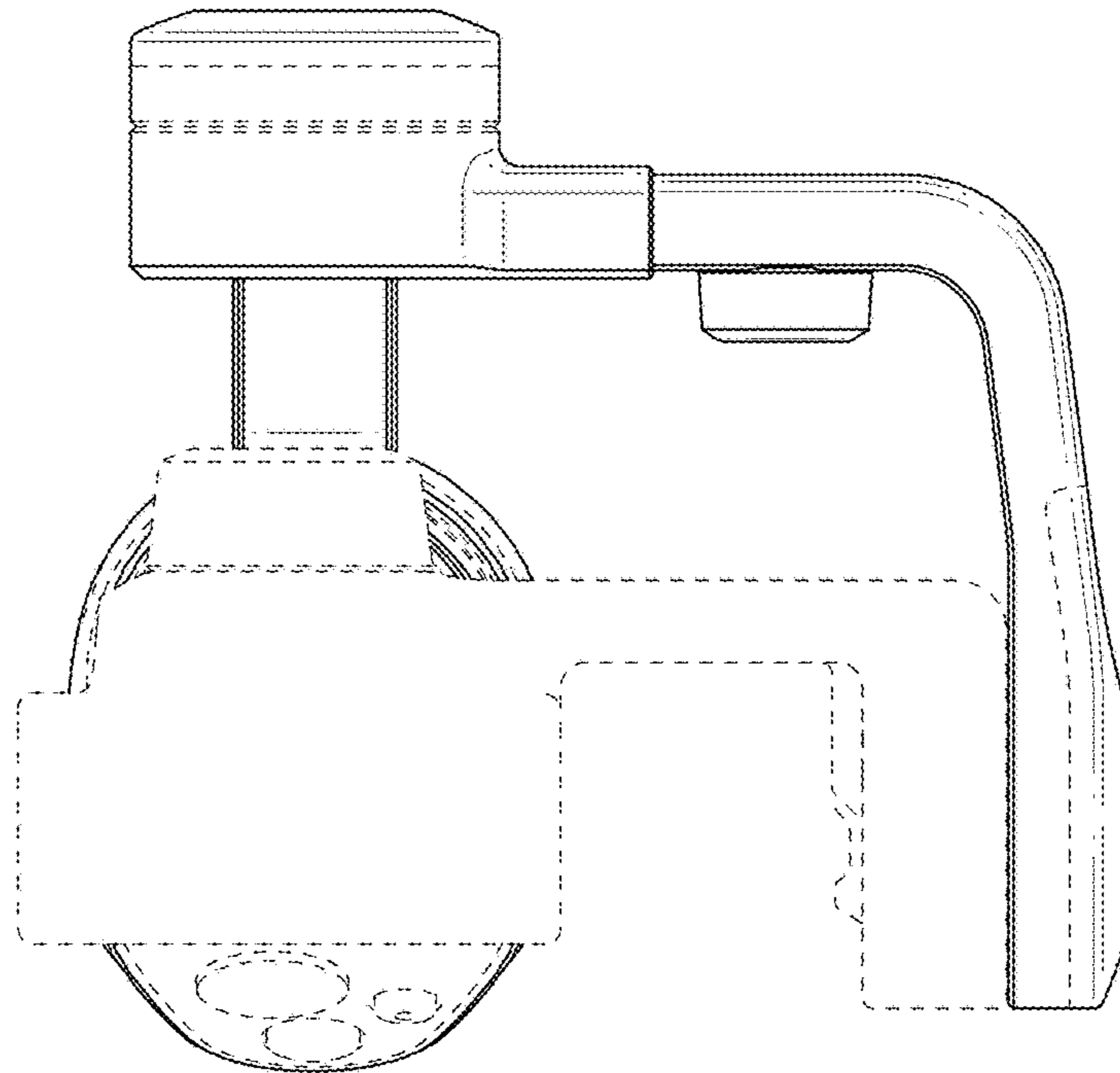


FIG. 7

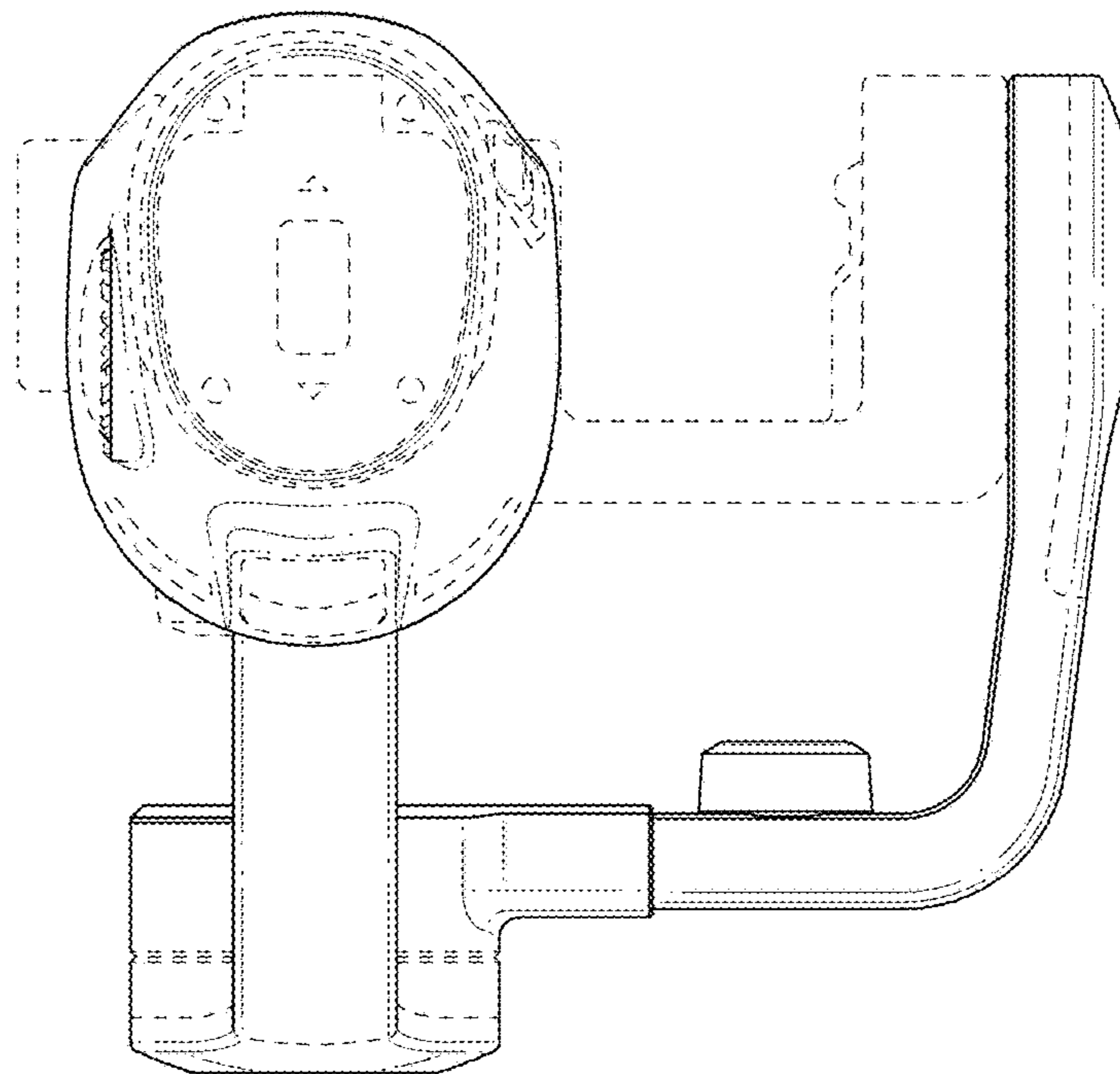


FIG. 8