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(12) **United States Design Patent** (10) **Patent No.:** **US D772,987 S**
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(54) **CONTROLLER**
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6,231,444 B1 5/2001 Goto et al.
D449,042 S 10/2001 Chung
D453,932 S 2/2002 Han et al.
6,463,159 B1 10/2002 Ming-Cheng
D467,922 S 12/2002 Lee
D476,376 S 6/2003 Wintersteiger
6,572,108 B1 6/2003 Bristow
6,743,100 B1* 6/2004 Neiser A63F 13/06
273/148 B
6,956,559 B2 10/2005 Hagiwara et al.
6,968,070 B1 11/2005 Chiang
D521,015 S 5/2006 Hayes et al.

(Continued)

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

FOREIGN PATENT DOCUMENTS

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JP 1492113 2/2014

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OTHER PUBLICATIONS

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(52) **U.S. Cl.**
USPC **D21/333**; D14/401

(Continued)

(58) **Field of Classification Search**
USPC D14/496, 401, 435, 474, 483, 217, 137, D14/138, 160, 168, 356, 203.1-203.8, 507; 345/156, 169, 173-179, 905; 715/727-729, 864, 700, 706, 719; 710/1, 5, 8; 713/1, 600; 455/1.1, 1.7, 455/73, 344-347, 93, 95, 3.01-3.06, 550.1, 455/573.1; 370/342-344; 369/1, 2, 6-12; 463/51-57, 40-47, 1, 29-35; D21/324, D21/328, 333; 273/148 B
CPC A63F 13/00; A63F 13/02; A63F 9/00; G06F 17/00; G06F 19/00
See application file for complete search history.

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(57) **CLAIM**
The ornamental design for a controller, as shown and described.

DESCRIPTION

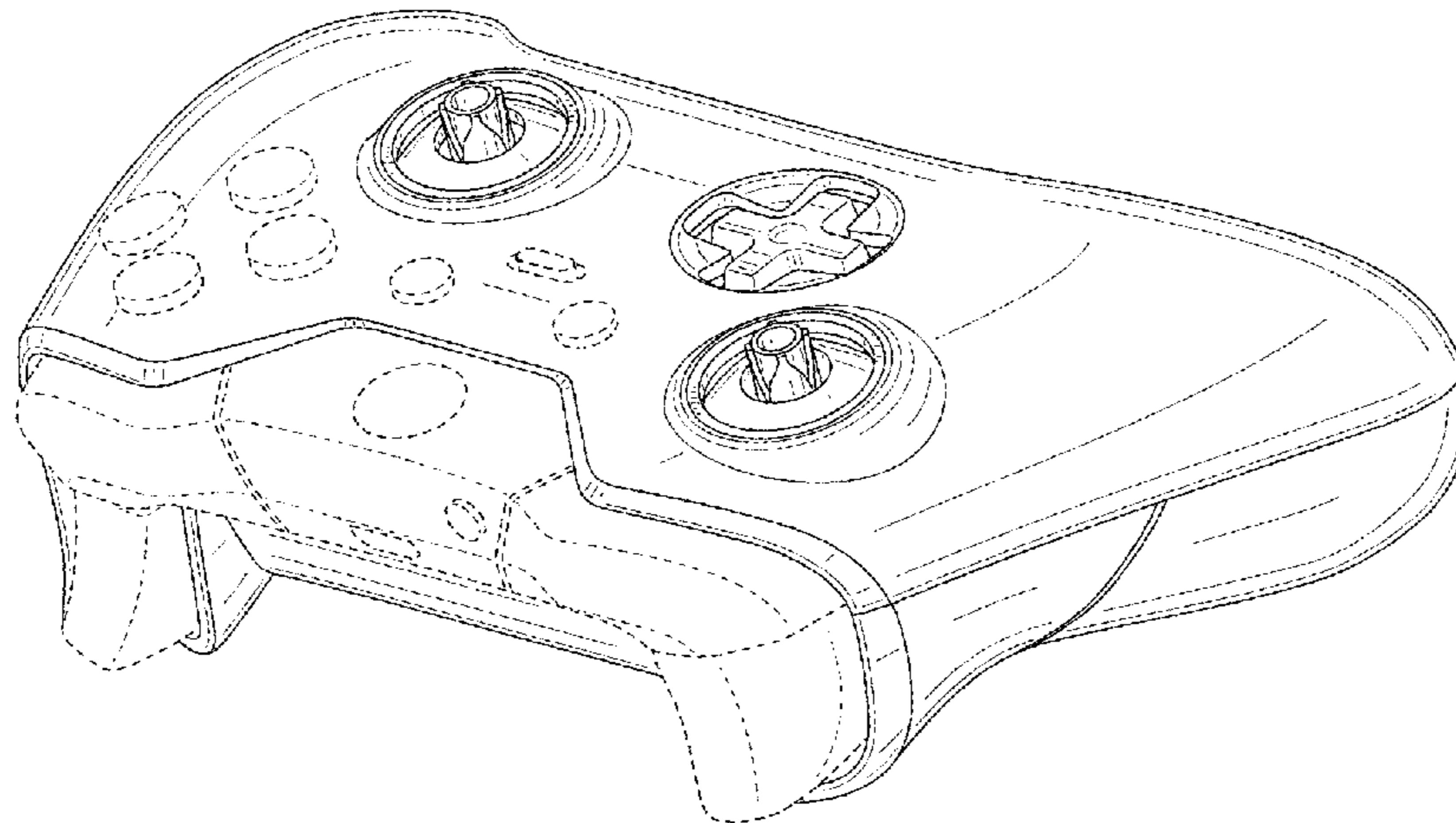
FIG. 1 is a front perspective view of a controller showing our new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a left side view thereof; and,
FIG. 7 is a right side view thereof.
The broken line showing of the various unshaded elements of the controller in FIGS. 1-7 is for environmental purposes only and forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D368,936 S * 4/1996 Goto D14/401
D398,214 S 9/1998 Yui
D415,752 S * 10/1999 Tyler D14/401
D424,047 S * 5/2000 Chan D14/401
D435,551 S 12/2000 Hayes

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D522,011 S 5/2006 Hayes et al.
 D522,012 S 5/2006 Hayes et al.
 7,063,321 B2 6/2006 Hussaini et al.
 7,105,754 B2 9/2006 Turner
 D533,011 S 12/2006 Pai
 7,195,561 B2 3/2007 Hussaini et al.
 7,235,012 B2 6/2007 DiDato
 D547,763 S * 7/2007 Hayes D14/401
 D556,201 S 11/2007 Ashida et al.
 7,314,413 B2 1/2008 Ogata et al.
 D563,480 S 3/2008 Blaseflug et al.
 D565,668 S 4/2008 Baseflug et al.
 D568,335 S 5/2008 Armstrong et al.
 D569,388 S 5/2008 Armstrong et al.
 D581,422 S 11/2008 Hayes et al.
 7,445,550 B2 11/2008 Barney et al.
 D601,564 S * 10/2009 Maeno D14/400
 D619,596 S 7/2010 Maitlen et al.
 7,762,553 B2 7/2010 Harris
 D624,049 S 9/2010 Liu
 7,887,768 B2 2/2011 Honjo et al.
 D636,773 S * 4/2011 Lin D14/401
 D637,153 S 5/2011 Ikeda et al.
 D638,016 S 5/2011 Ikeda
 D646,275 S 10/2011 Ikeda et al.
 D650,795 S 12/2011 Koehn
 D655,350 S 3/2012 Taniguchi et al.
 D658,178 S 4/2012 Ikeda et al.
 D658,179 S 4/2012 Ikeda et al.
 D659,140 S 5/2012 Ikeda et al.
 D667,892 S 9/2012 Burgess et al.
 D685,434 S 7/2013 Ali et al.
 8,487,876 B2 * 7/2013 Ikeda A63F 13/06
 273/148 B
 D692,001 S 10/2013 Ibuki et al.
 8,545,323 B2 * 10/2013 McVicar A63F 13/06
 345/161
 D692,887 S 11/2013 Ibuki et al.
 D694,830 S 12/2013 Crowley et al.
 D700,182 S 2/2014 Kidakarn
 8,641,525 B2 2/2014 Burgess et al.
 D707,758 S 6/2014 Norman et al.
 D708,615 S * 7/2014 Delrue D14/401
 D709,498 S 7/2014 Morris et al.
 D709,499 S 7/2014 Morris et al.
 D709,882 S 7/2014 Morris et al.
 D712,973 S 9/2014 Sumii et al.
 D715,865 S 10/2014 Morris et al.
 8,903,100 B2 * 12/2014 Hiraki H04R 29/001
 324/500
 8,903,111 B2 12/2014 Garet et al.
 8,925,414 B1 1/2015 Park et al.
 8,994,666 B2 3/2015 Karpfinger

D730,451 S 5/2015 Burgess et al.
 9,029,721 B2 5/2015 Ikeda et al.
 9,053,243 B2 6/2015 Townsend
 D733,802 S 7/2015 Burgess et al.
 D736,322 S 8/2015 Navid
 9,118,750 B2 8/2015 Vossoughi et al.
 D748,734 S 2/2016 Burgess et al.
 9,251,701 B2 2/2016 Plagge et al.
 2006/0116204 A1 6/2006 Chen et al.

OTHER PUBLICATIONS

U.S. Appl. No. 29/543,963, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,976, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,897, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,902, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,904, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,910, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,914, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,958, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,931, filed Oct. 29, 2015.
 U.S. Appl. No. 29/543,968, filed Oct. 29, 2015.
 May 2, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,225, filed Jun. 15, 2015; Inv: Christopher Kujawski.
 May 11, 2016—(US) Restriction Requirement—U.S. Appl. No. 29/530,106, filed Jun. 15, 2015; Inv: Christopher Kujawski.
 May 17, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,102, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 May 6, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,110, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 May 5, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,108, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 May 2, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,122, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 Apr. 26, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,111, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 Apr. 11, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,113, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 Apr. 14, 2016—(US) Non-Final Office Action—U.S. Appl. No. 29/530,114, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 Apr. 11, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,115, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 May 6, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,116, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 May 2, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,120, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 May 6, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,285, filed Jun. 15, 2015; Inv: Christopher Kujawski.
 Jun. 22, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,243, filed Jun. 12, 2015; Inv: Christopher Kujawski.
 Apr. 26, 2016—(US) Notice of Allowance—U.S. Appl. No. 29/530,237, filed Jun. 15, 2015; Inv: Christopher Kujawski.

* cited by examiner

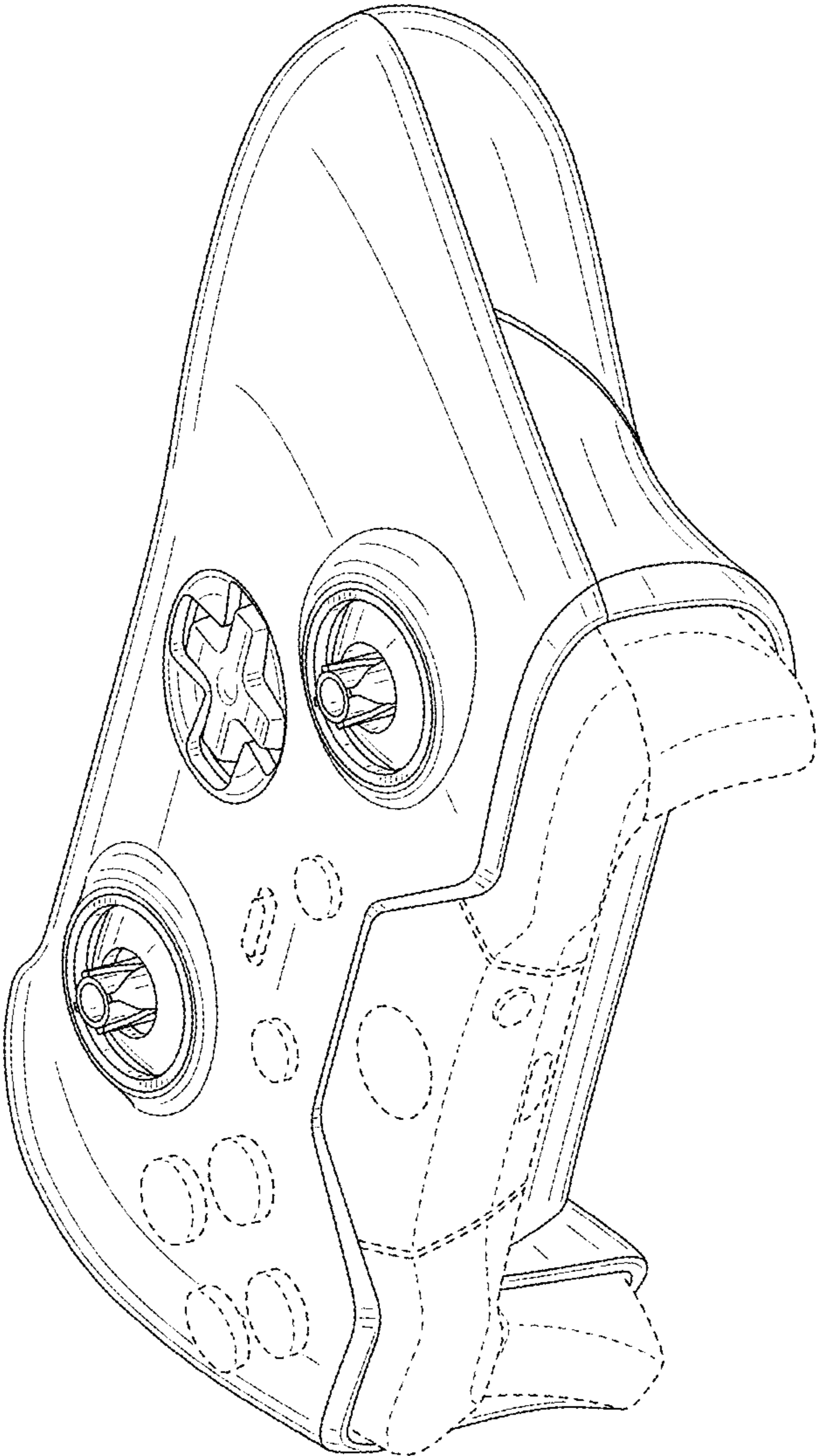


FIG. 1

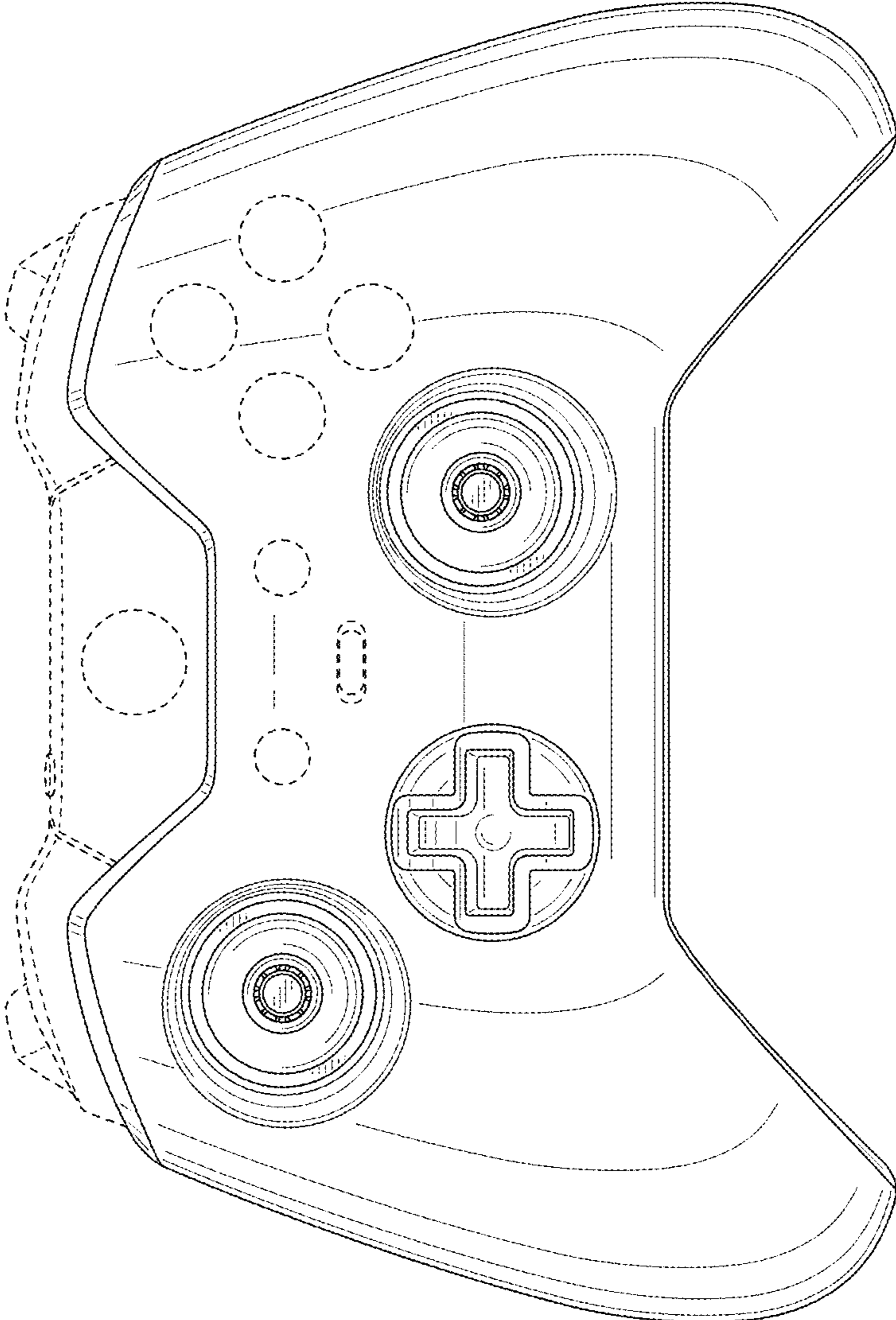


FIG. 2

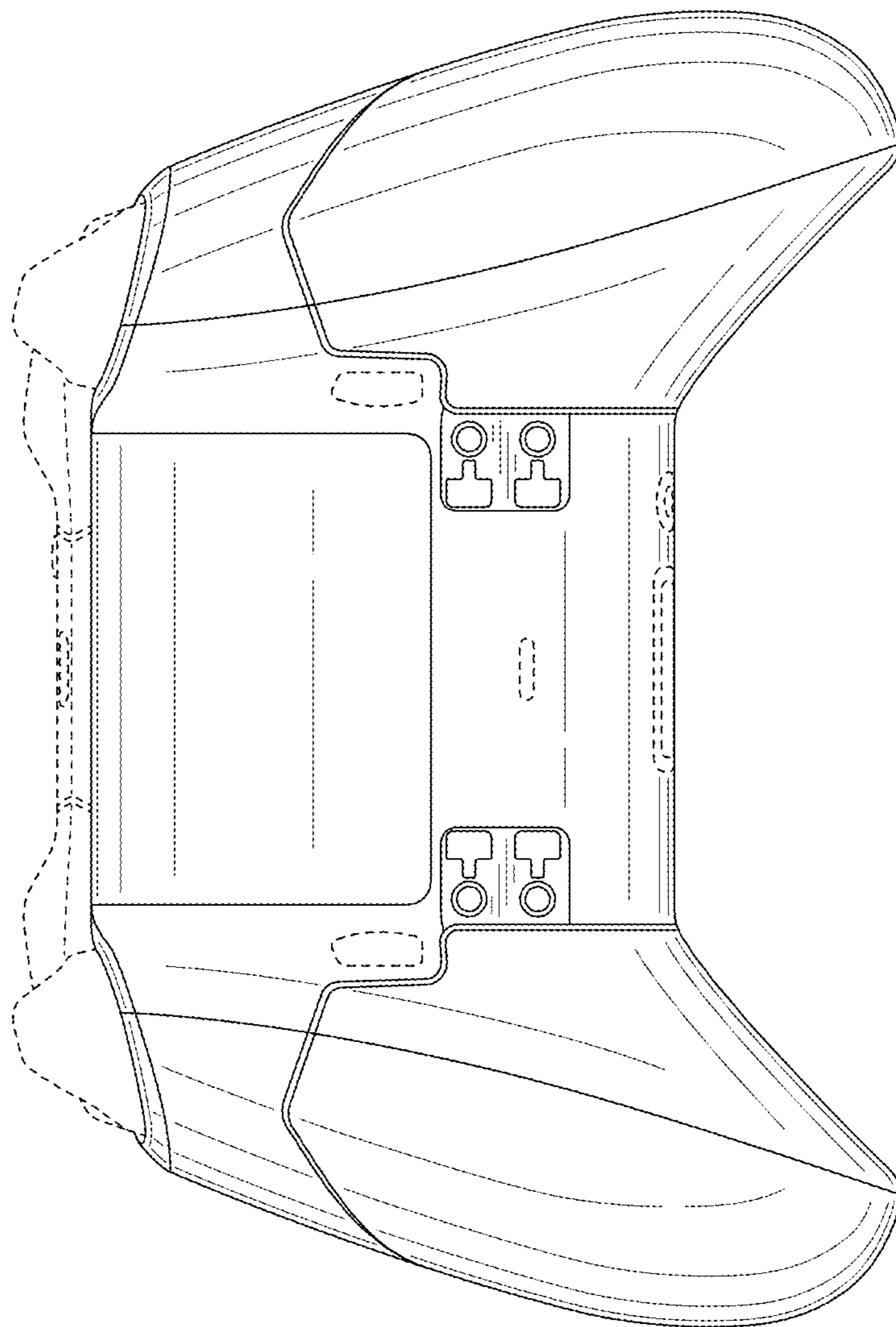


FIG. 3

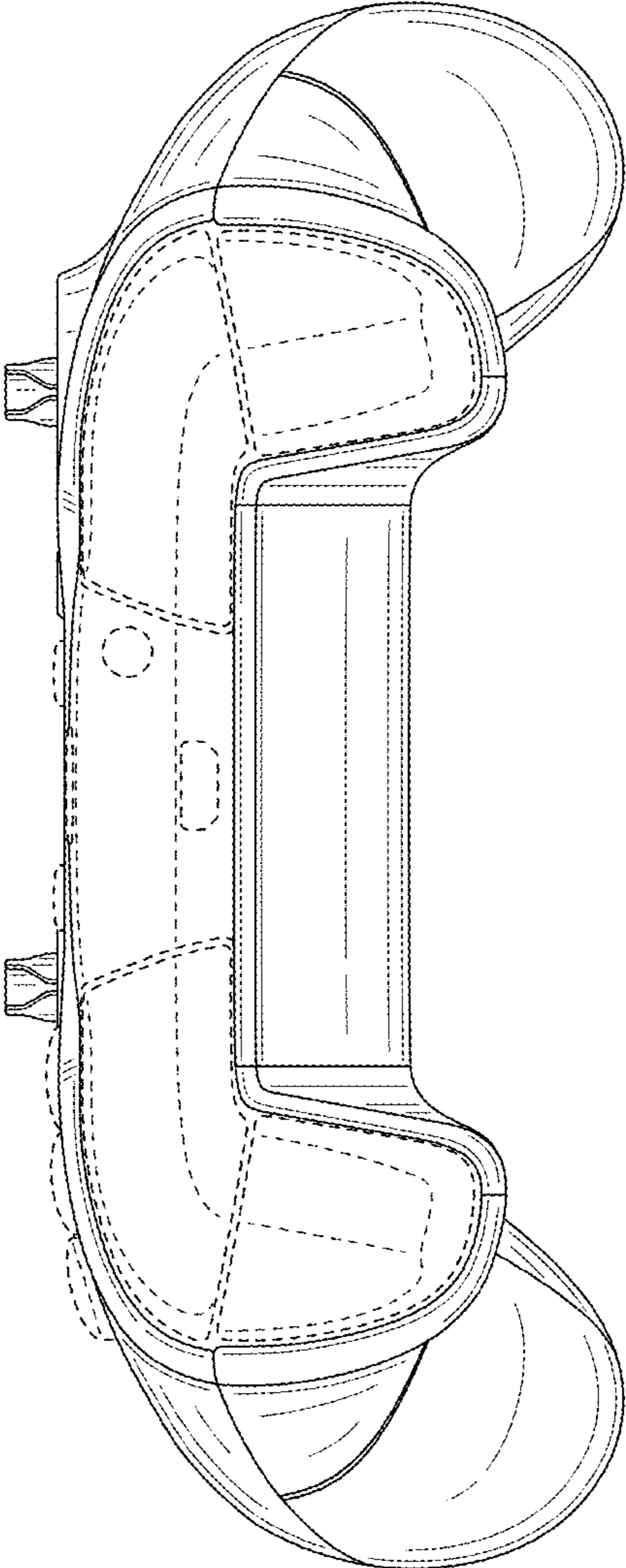


FIG. 4

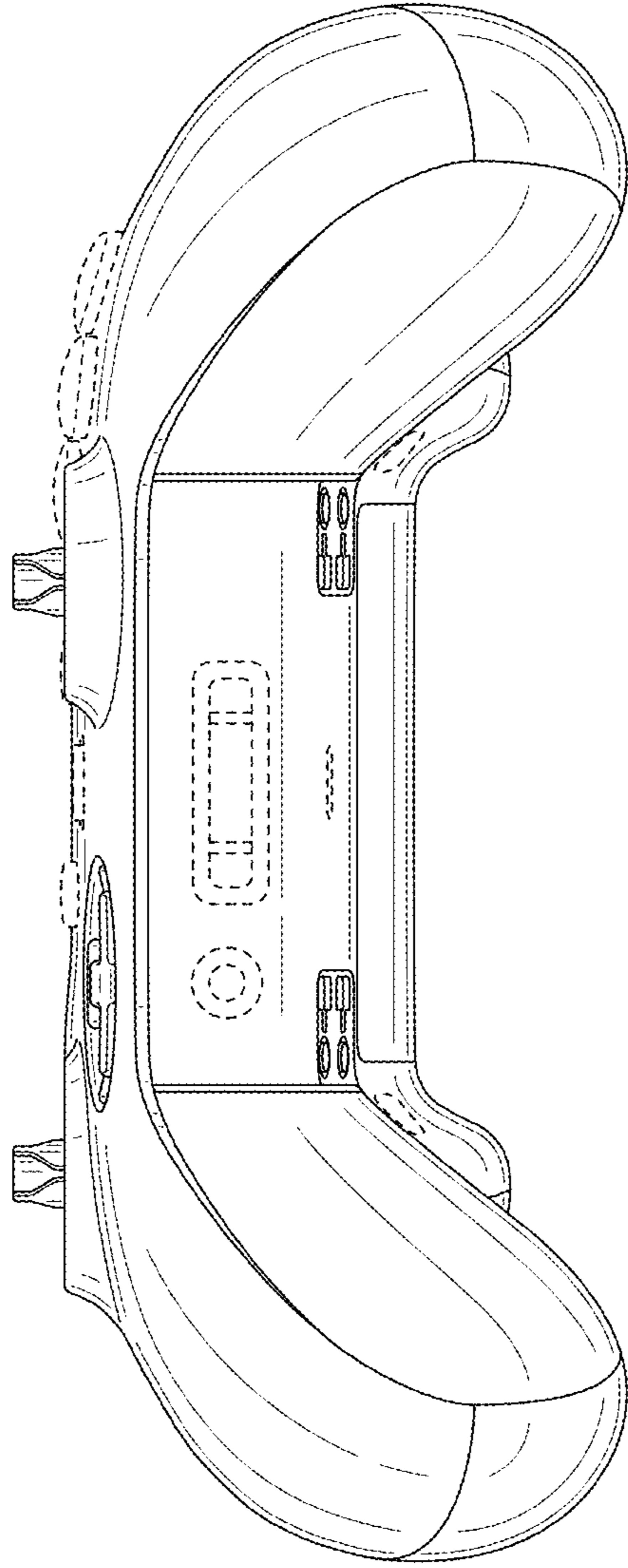


FIG. 5

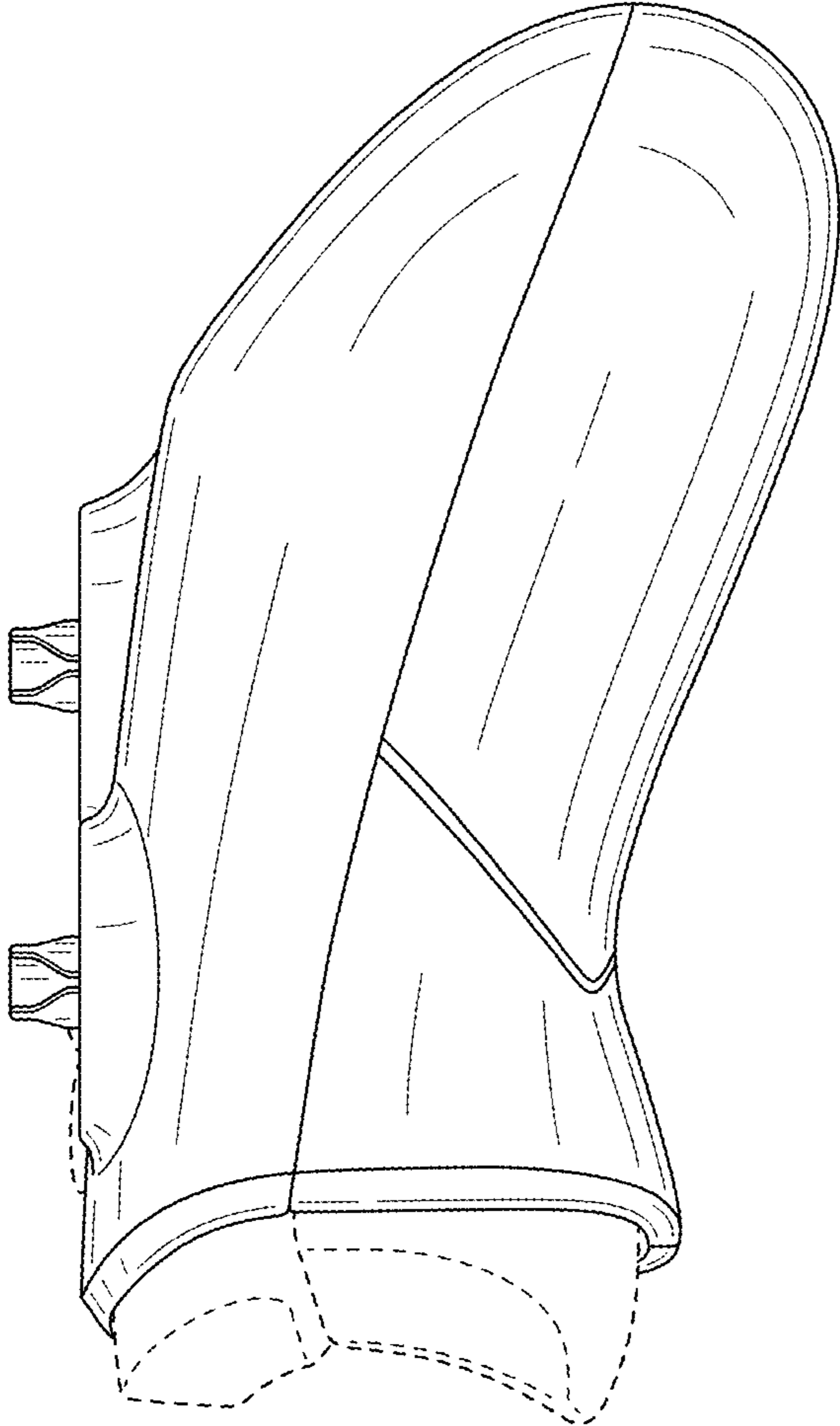


FIG. 6

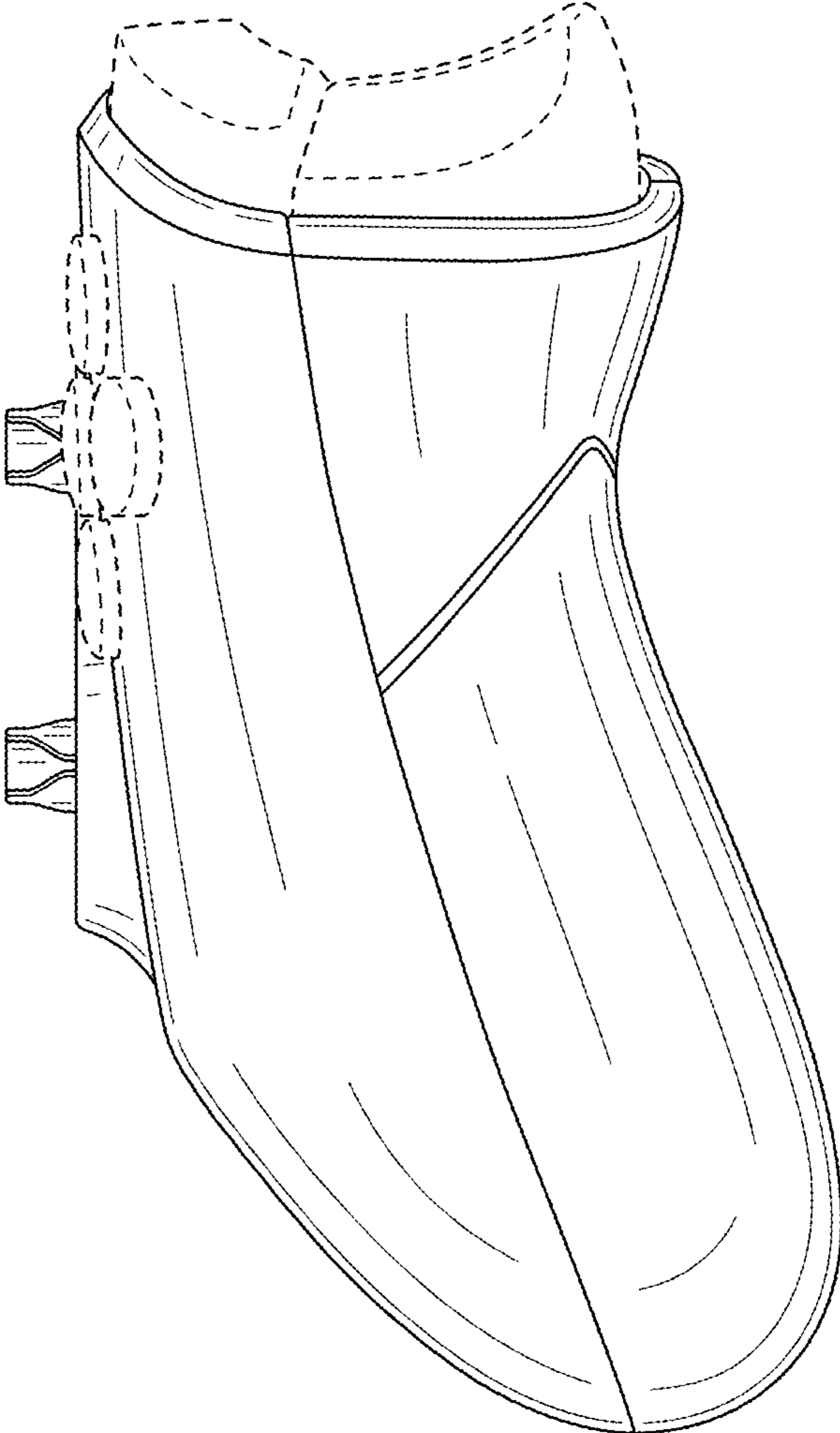


FIG. 7