



US00D942922S

(12) **United States Design Patent** (10) **Patent No.:** **US D942,922 S**
Vinard (45) **Date of Patent:** **** Feb. 8, 2022**

(54) **AIRCRAFT JOYSTICK**
(71) Applicant: **CROUZET**, Valence (FR)
(72) Inventor: **Thierry Vinard**, Valence (FR)
(**) Term: **15 Years**
(21) Appl. No.: **35/510,720**
(22) Filed: **Oct. 12, 2020**
(80) **Hague Agreement Data**

Int. Filing Date: **Oct. 12, 2020**
Int. Reg. No.: **DM/211038**
Int. Reg. Date: **Oct. 12, 2020**
Int. Reg. Pub. Date: **Nov. 13, 2020**

(51) **LOC (13) Cl.** **12-07**
(52) **U.S. Cl.**
USPC **D12/345**; D14/412; D14/416
(58) **Field of Classification Search**
USPC D14/400, 401, 412, 356, 358, 383, 388,
D14/454, 203.3, 218, 426-431; D12/174,
D12/179, 192, 345; D10/78, 103;
D13/162, 162.1, 163, 168-172; D15/28,
D15/30; D21/333, 324, 328; D34/35
CPC A63F 13/00; A63F 13/02; A63F 13/20;
A63F 13/24; A63F 13/25; A63F 13/90;
A63F 13/98; G06F 3/014; G06F 3/017;
G05G 9/047; B64C 13/0421
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS

4,861,269 A * 8/1989 Meenen, Jr. G09B 9/28
434/45
4,907,970 A * 3/1990 Meenen, Jr. G09B 9/28
244/223
D362,693 S * 9/1995 Carter D14/416
D366,909 S * 2/1996 Hsieh D14/412
D372,470 S * 8/1996 Hsien D14/416
D375,301 S * 11/1996 Jensen D14/412

D377,056 S * 12/1996 Salinas D14/416
D384,984 S * 10/1997 Jensen D14/416
D388,837 S * 1/1998 Lee D14/416
5,735,490 A * 4/1998 Berthet G05D 1/0061
244/223
D396,899 S * 8/1998 Kaneko D14/416
D412,703 S * 8/1999 Lorenz D14/416
D428,890 S * 8/2000 Zoerkendoerfer D14/413
D441,366 S * 5/2001 Alviar D14/412
D444,785 S * 7/2001 Whitehorn D14/412
D450,702 S * 11/2001 Sagawa D14/412
D460,073 S * 7/2002 Whitehorn D14/416
D462,685 S * 9/2002 Yamamoto D14/415

(Continued)

OTHER PUBLICATIONS

“Cockpit Controls Wheels & Grips—Selection Guide.” Crouzet.,
Nov. 10, 2021 [online], [retrieved on Nov. 19, 2021]. Retrieved
from the Internet <URL: https://media.crouzet.com/catalog/_brochures/en/CC_guide_cockpit_6736201_EN.pdf>.*

(Continued)

Primary Examiner — Darlington Ly

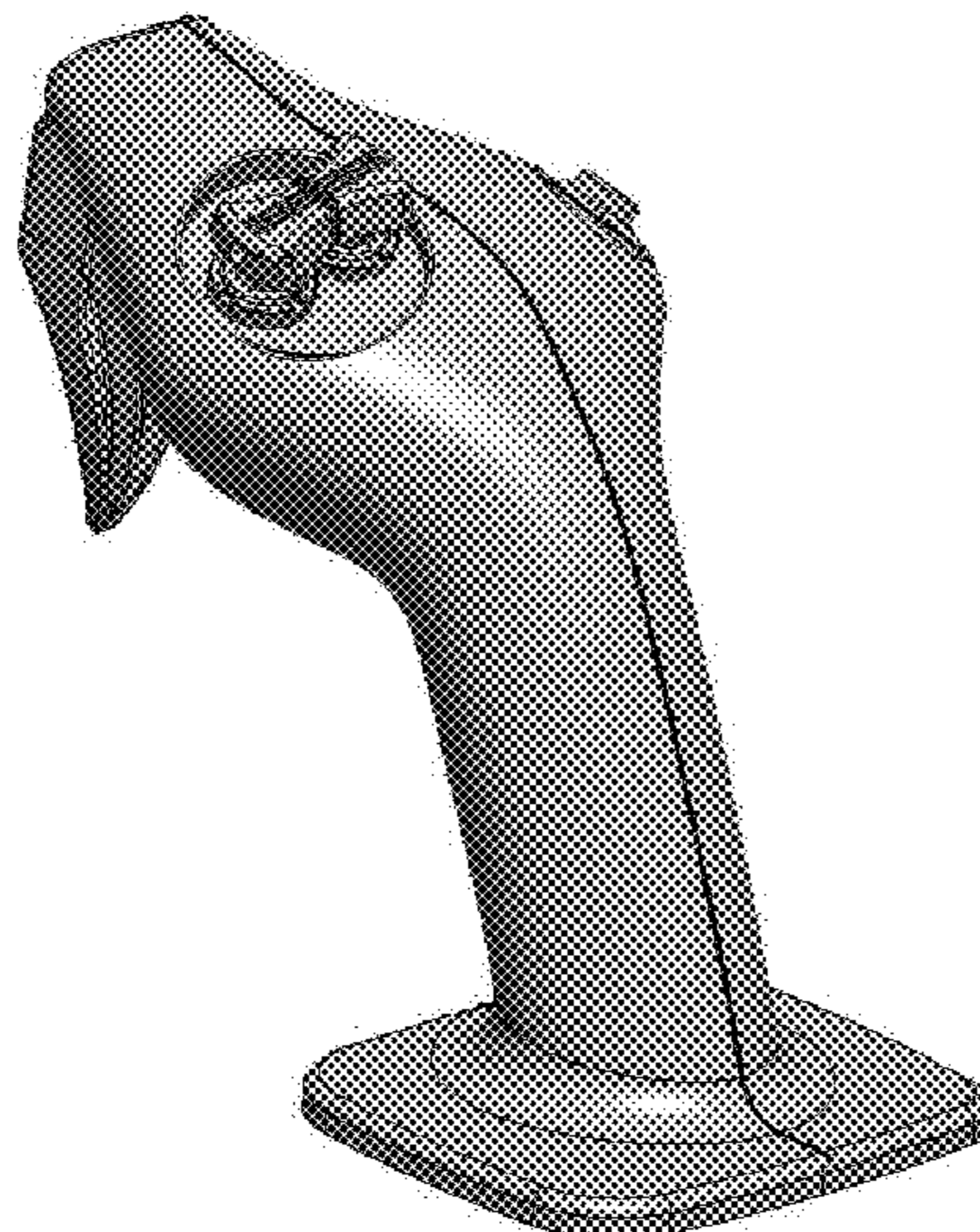
(57) **CLAIM**

The ornamental design for an aircraft joystick, as shown and
described.

DESCRIPTION

1. Aircraft joystick
1.1 is a right side elevation view of an aircraft joystick
embodying my new design;
1.2 is a left side elevation view thereof;
1.3 is a front elevation view thereof;
1.4 is a rear elevation view thereof;
1.5 is a bottom plan view thereof;
1.6 is a top plan view thereof;
1.7 is a front, and left side perspective view thereof;
1.8 is a front and right side perspective view thereof;
1.9 is a rear and left side perspective view thereof; and
1.10 is a rear and left side perspective view thereof.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D479,239	S	*	9/2003	Faust	.....	D14/415
D499,121	S	*	11/2004	Masalin	.....	D15/28
D635,155	S	*	3/2011	Blind	.....	D15/28
D686,622	S	*	7/2013	Rey	.....	D14/412
D704,189	S	*	5/2014	Rey	.....	D14/412
D720,350	S	*	12/2014	Haubrich	.....	D14/415
8,976,043	B2	*	3/2015	Voros	.....	B64D 43/00 340/963
D727,904	S	*	4/2015	Jensen	.....	D14/415
D734,335	S	*	7/2015	Jensen	.....	D14/415
D734,750	S	*	7/2015	Jensen	.....	D14/415
D745,008	S	*	12/2015	Jensen	.....	D14/415
D745,009	S	*	12/2015	Jensen	.....	D14/415
D844,514	S	*	4/2019	Wagner	.....	D12/179
D868,669	S	*	12/2019	Kruk	.....	D12/345
D922,448	S	*	6/2021	Ritchie	.....	D15/28

OTHER PUBLICATIONS

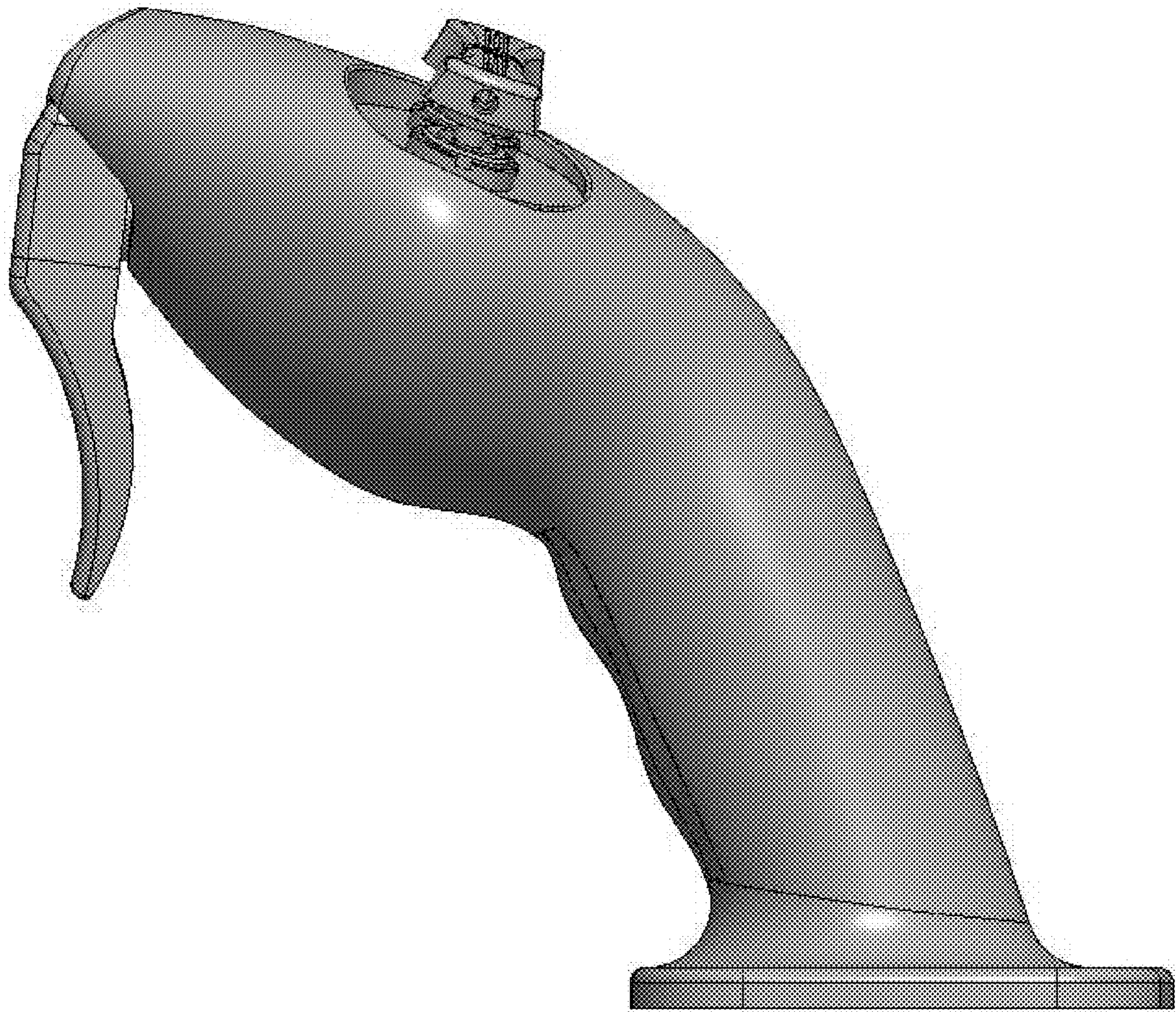
“Flight Control System—Active Sidestick.” Wittenstein North America., Dec. 3, 2020 [online], [retrieved on Nov. 19, 2021]. Retrieved from the Internet <URL: <https://motion-control.wittenstein-us.com/products/servo-systems/servo-systems-for-aviation-applications/flight-control-system-active-sidestick/>>.*

* cited by examiner

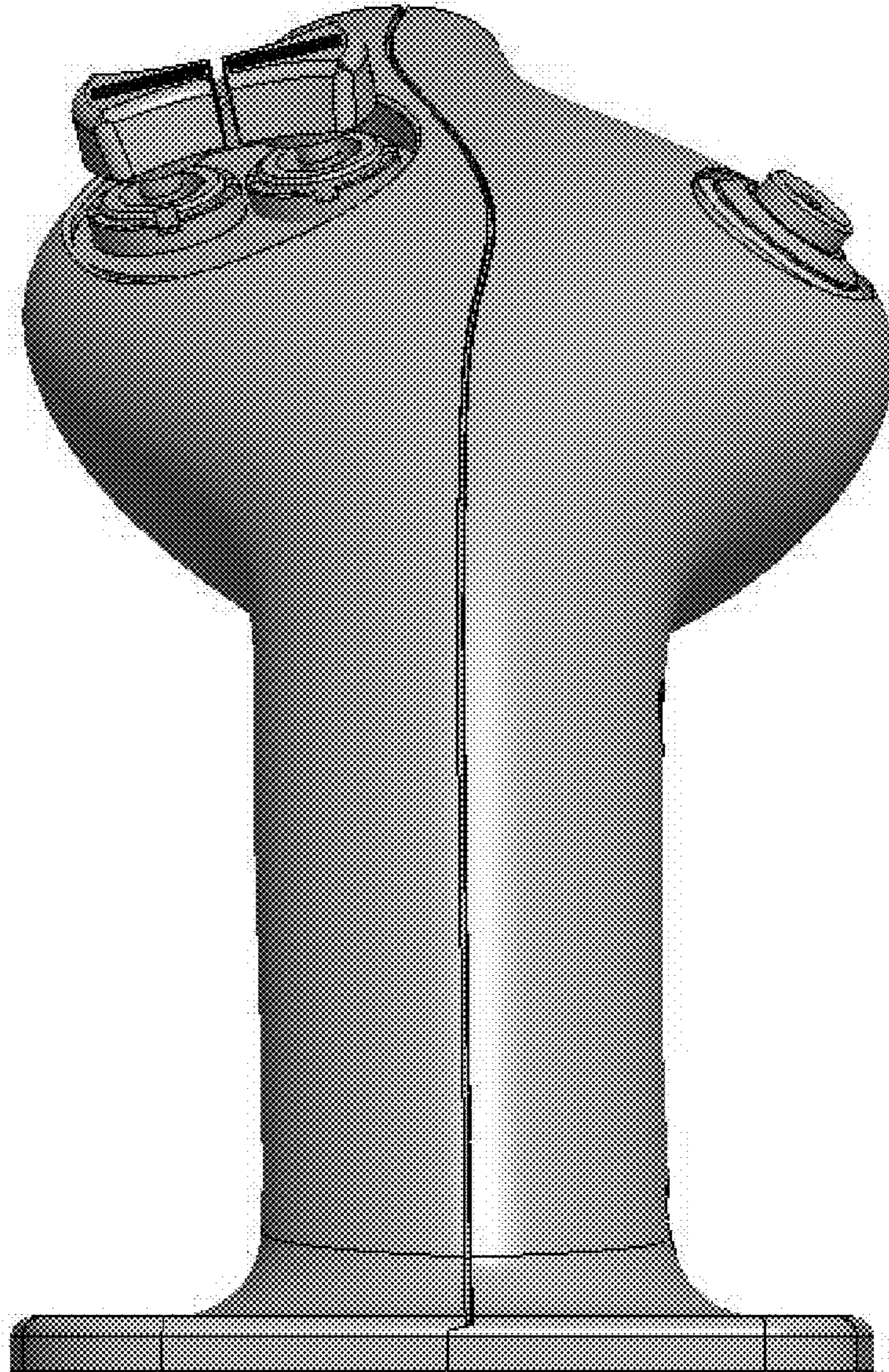
1.1



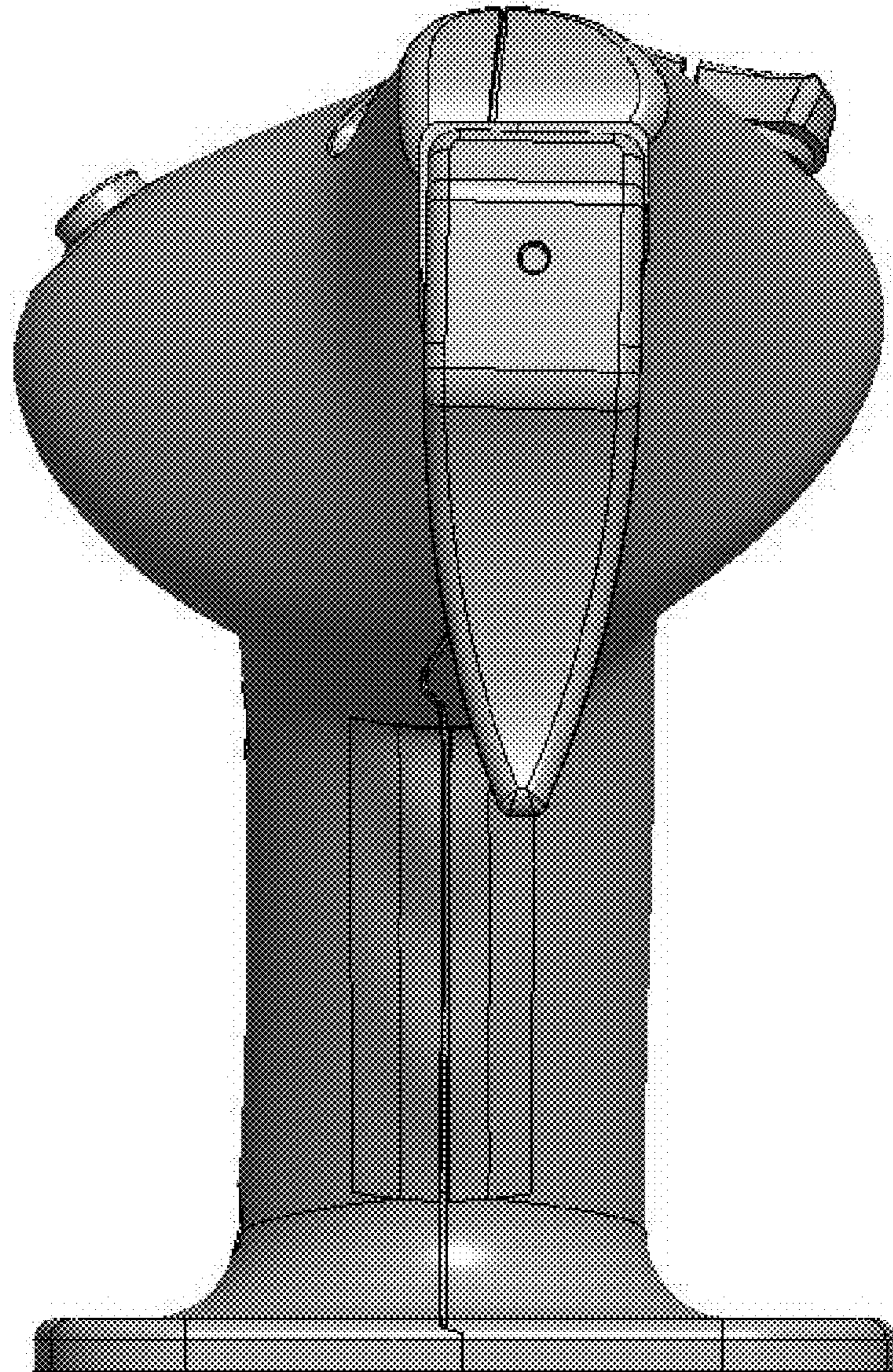
1.2



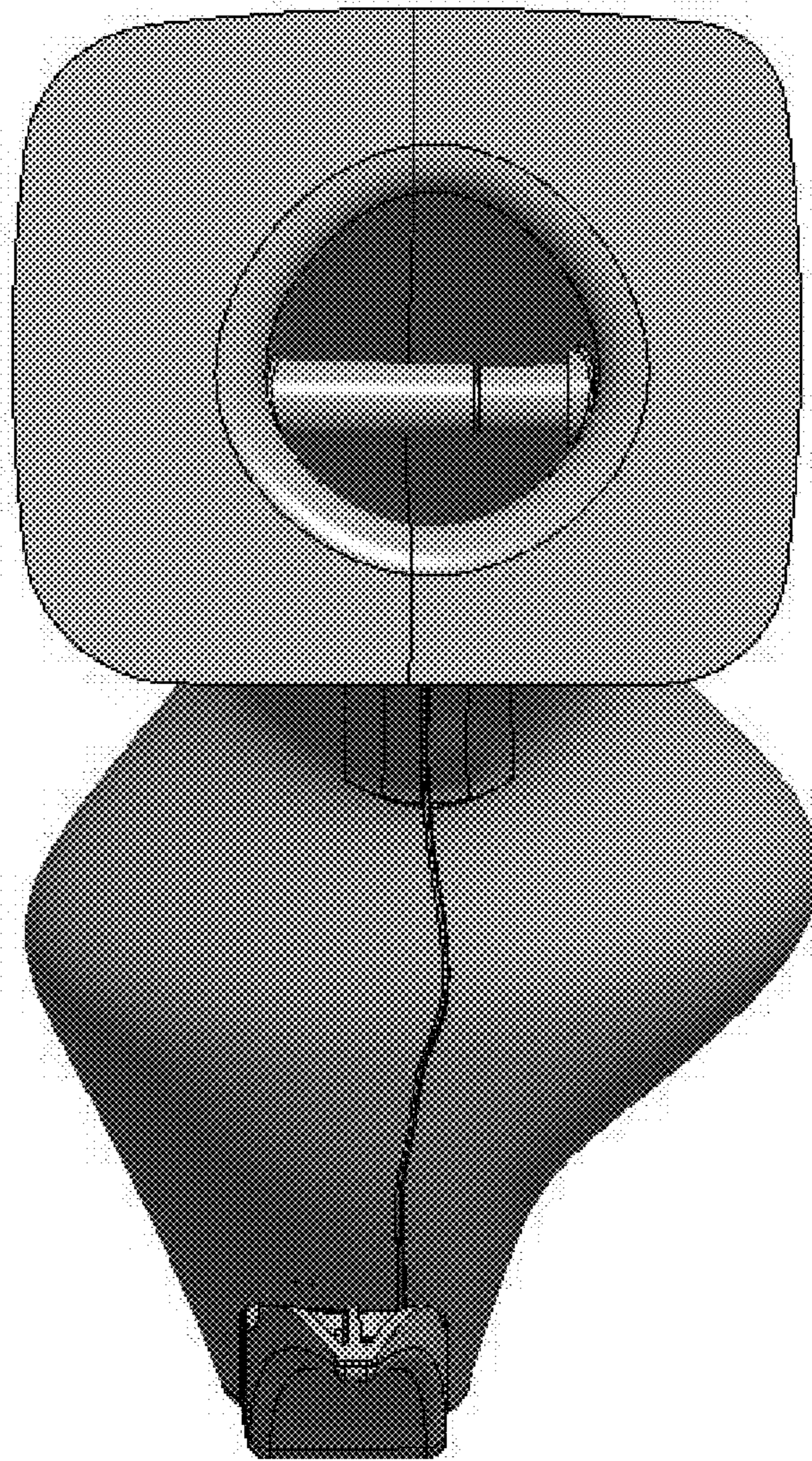
1.3



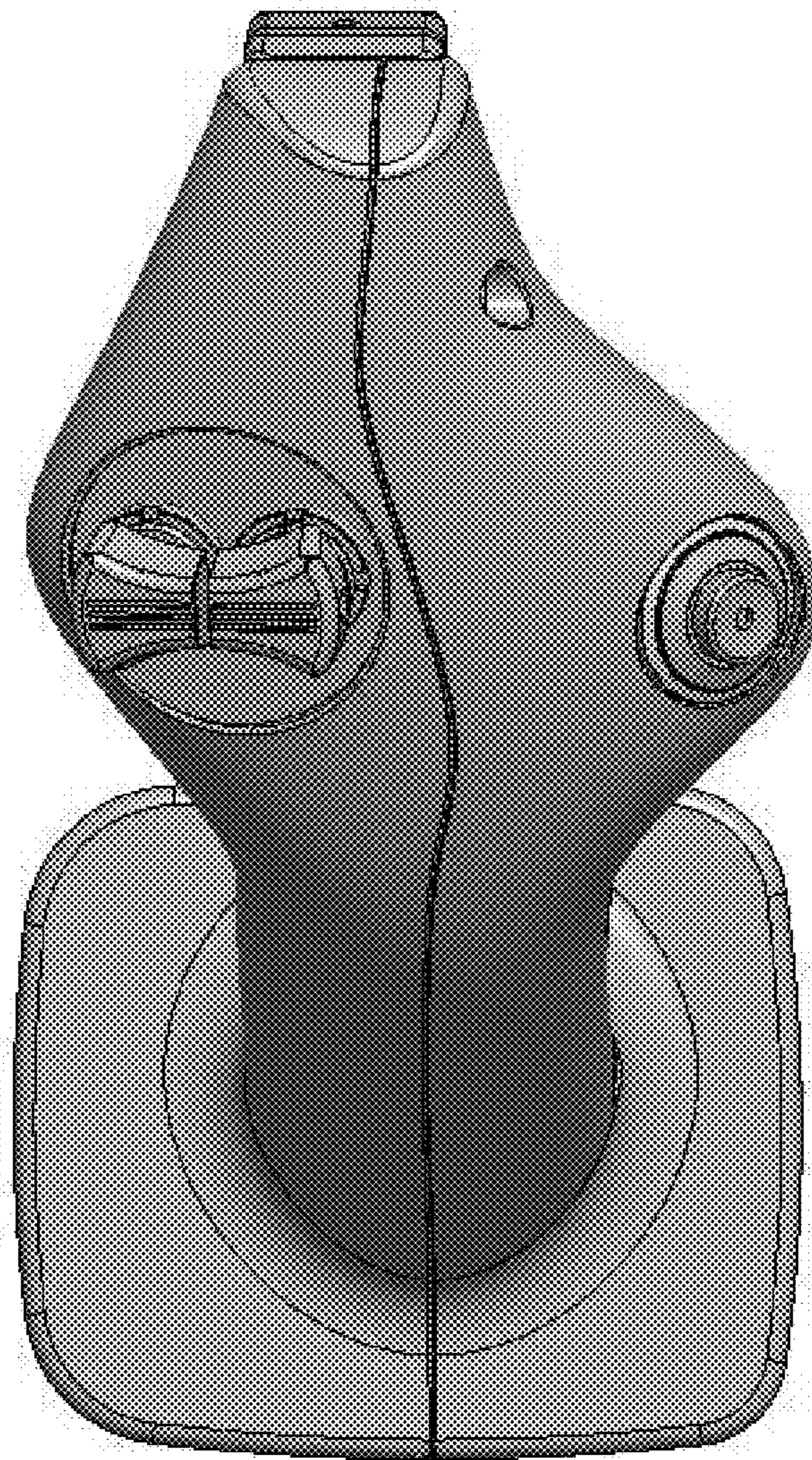
1.4



1.5



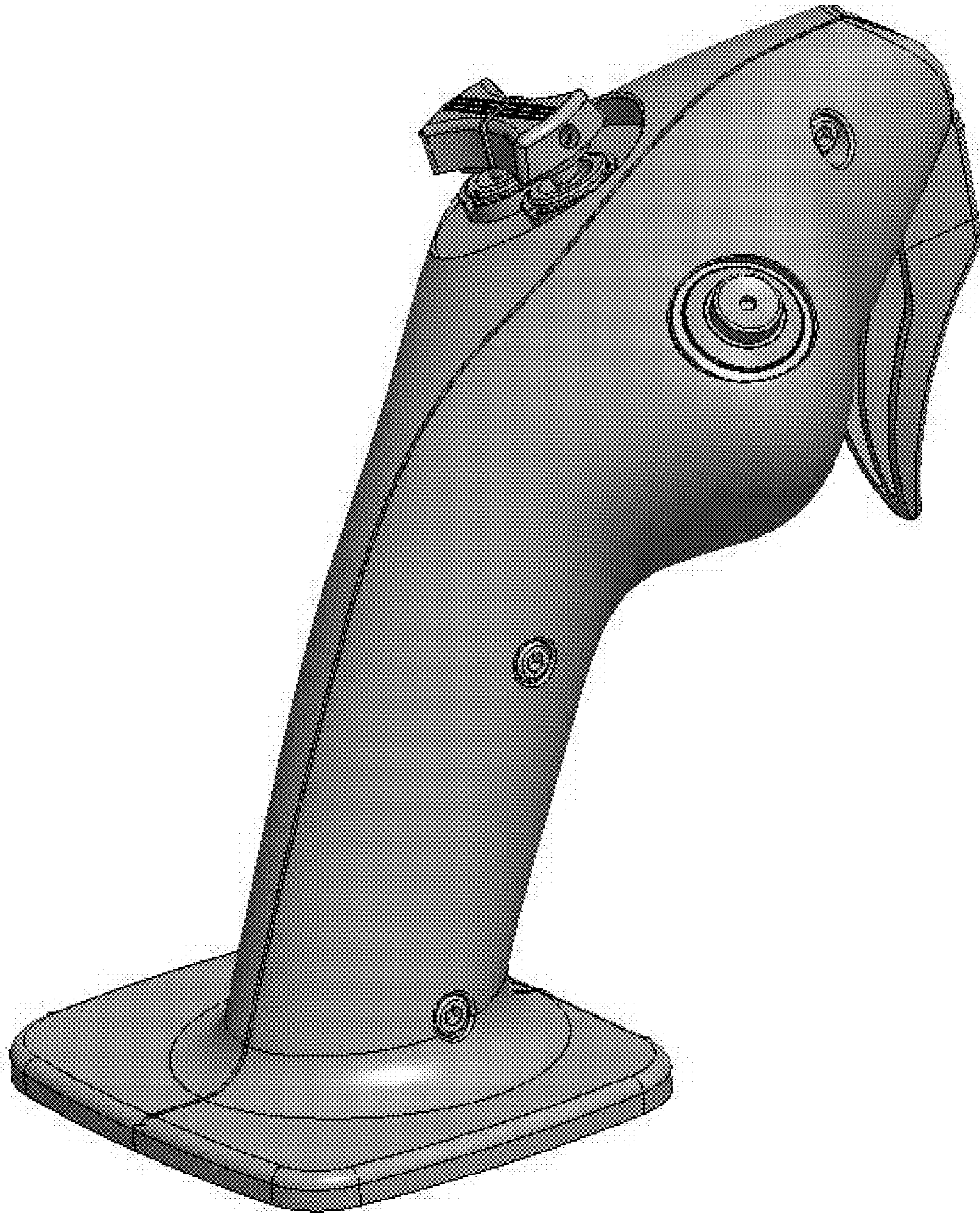
1.6



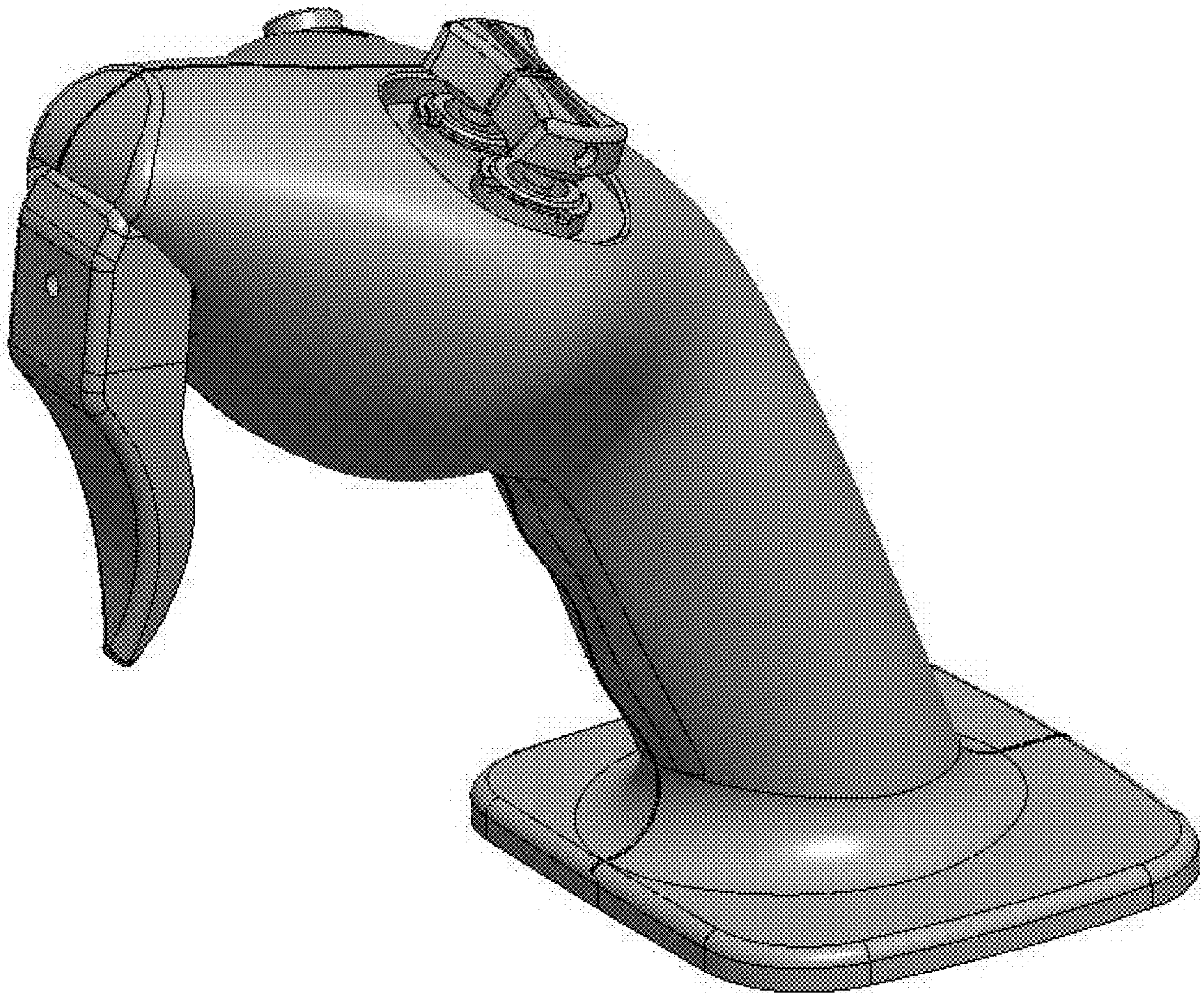
1.7



1.8



1.9



1.10

