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

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(54) **SPRAY GUN**

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

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(51) **LOC (12) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/226**

(58) **Field of Classification Search**
USPC D23/213, 214, 215, 223, 224, 226, 229,
D23/230

CPC A61H 9/0021; A61H 33/00; B05B 1/00;
B05B 1/14; B05B 1/185; B05B 1/08;
B05B 1/02; B05B 1/26; B05B 12/002;
B05B 1/18; B05B 9/01; F16L 37/46;
F16L 37/00; F17C 13/12; F17C
2205/0376

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D263,618 S * 3/1982 Taylor D23/226
D317,969 S * 7/1991 Lambert D23/226
D342,742 S * 12/1993 Daul D23/226
D350,386 S * 9/1994 Dotson D23/223
D355,704 S * 2/1995 Simpson D23/223

D359,100 S * 6/1995 Dotson D23/223
D516,673 S * 3/2006 Chisholm D23/226
D518,556 S * 4/2006 Amaduzzi D23/226
7,134,580 B2 * 11/2006 Garrison B67D 7/48
222/566
7,234,614 B1 * 6/2007 Knight B67D 7/42
137/312
D648,417 S * 11/2011 Varini D23/226
D650,047 S * 12/2011 Varini D23/226
D656,221 S * 3/2012 Gevers D23/226
D684,664 S * 6/2013 Gevers D23/226
D734,427 S * 7/2015 Bygbjerg D23/213
D782,001 S * 3/2017 Birch D23/211.2
D803,984 S * 11/2017 Tschopp D23/226
9,821,179 B2 * 11/2017 Kristensen B05B 1/14

(Continued)

OTHER PUBLICATIONS

<https://www.aliexpress.com/i/32914625256.html> (Year: 2019).*

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(57) **CLAIM**

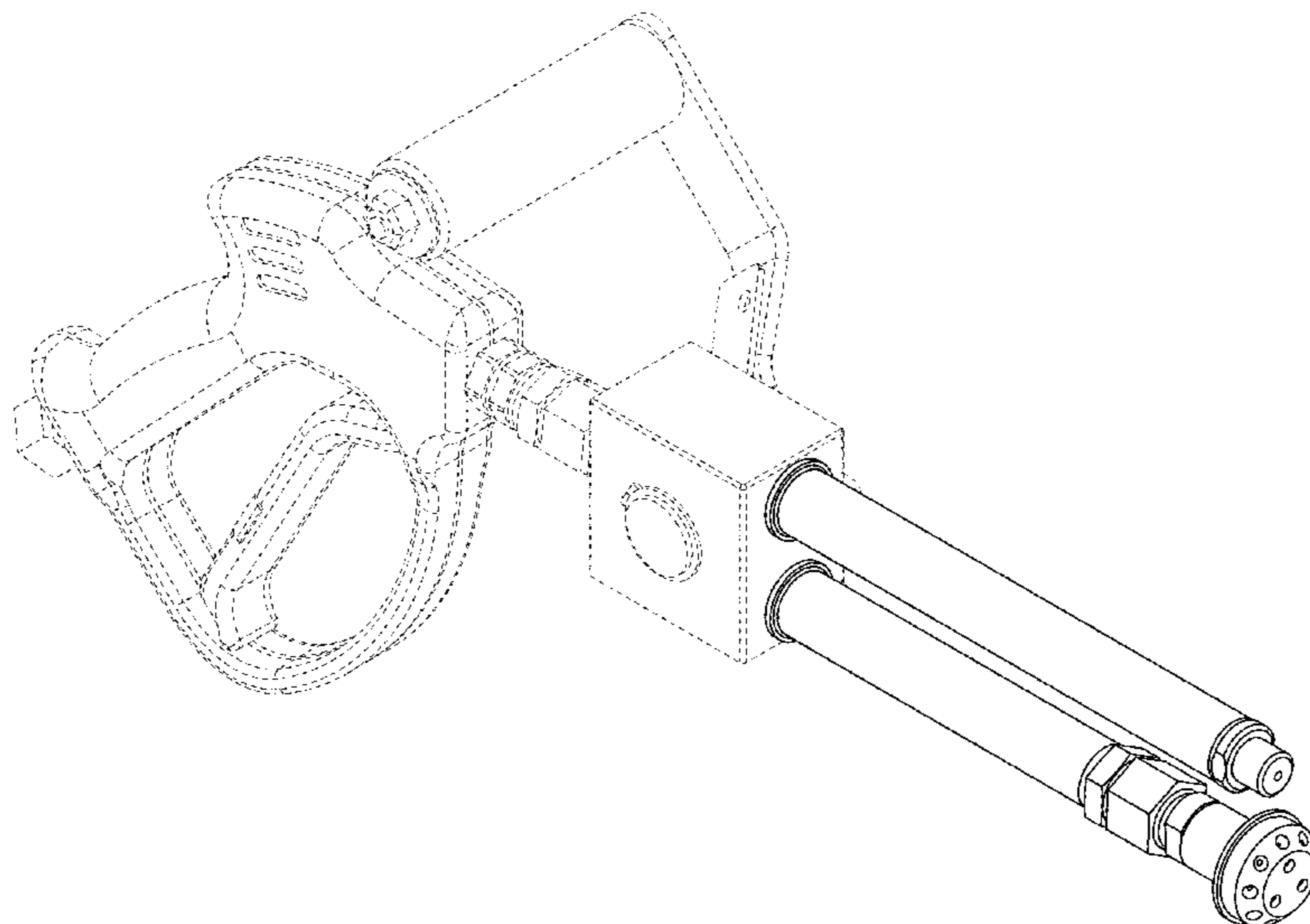
The ornamental design for a spray gun, as shown and described.

DESCRIPTION

FIG. 1 is a front, left side and top perspective view of a spray gun comprising a new, original and ornamental design;
FIG. 2 is a left side view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

The broken lines shown represent portions of the spray gun and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D829,862 S * 10/2018 Lee D23/223
D831,158 S * 10/2018 Weh D23/226
D850,582 S * 6/2019 Weinberg D23/226
D852,324 S * 6/2019 Willfort D23/226
D861,264 S * 9/2019 Gu D32/17
2012/0018534 A1* 1/2012 Gilpatrick B05B 7/0876
239/310
2018/0304292 A1* 10/2018 Alexander B05B 12/002

* cited by examiner

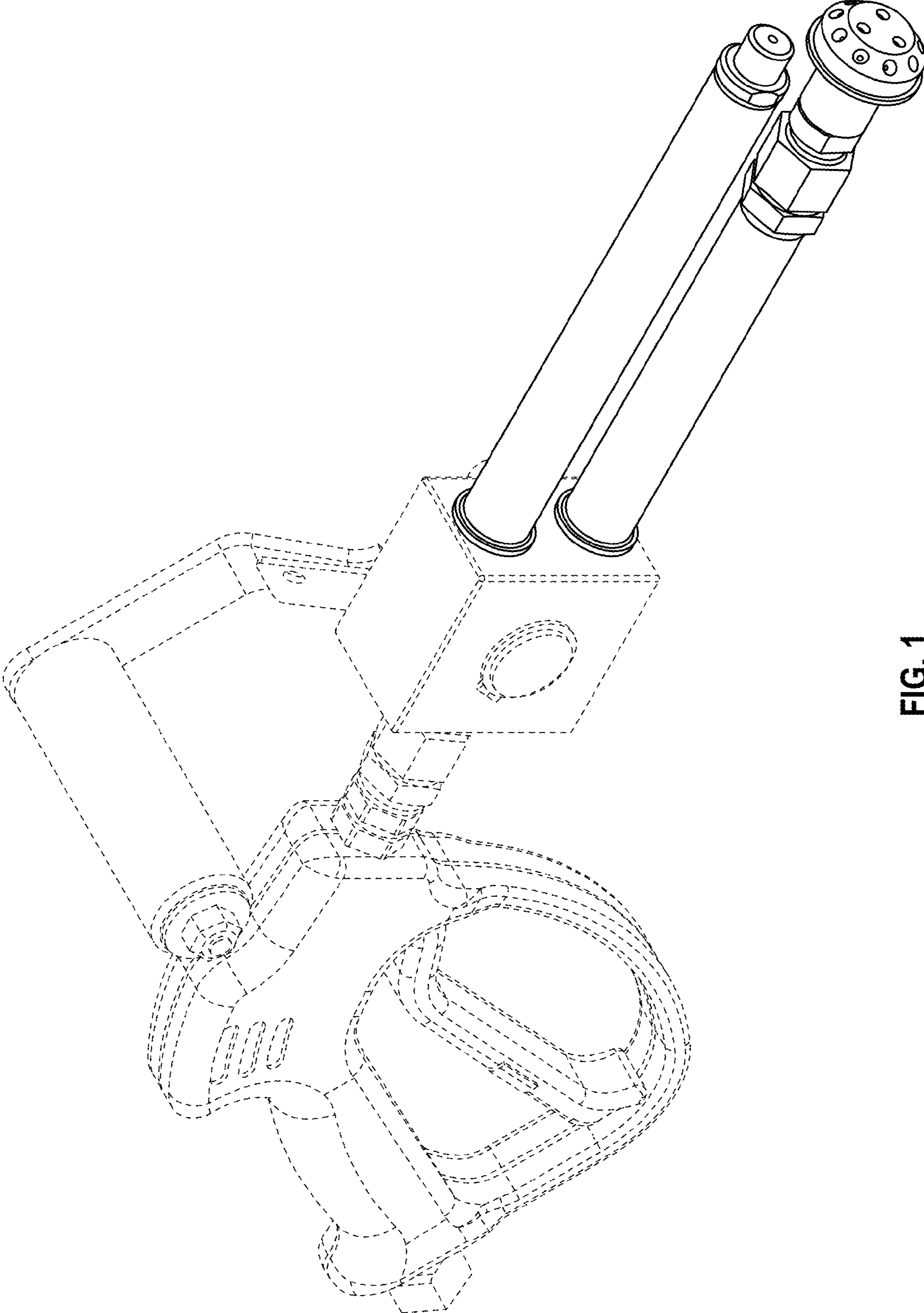


FIG. 1

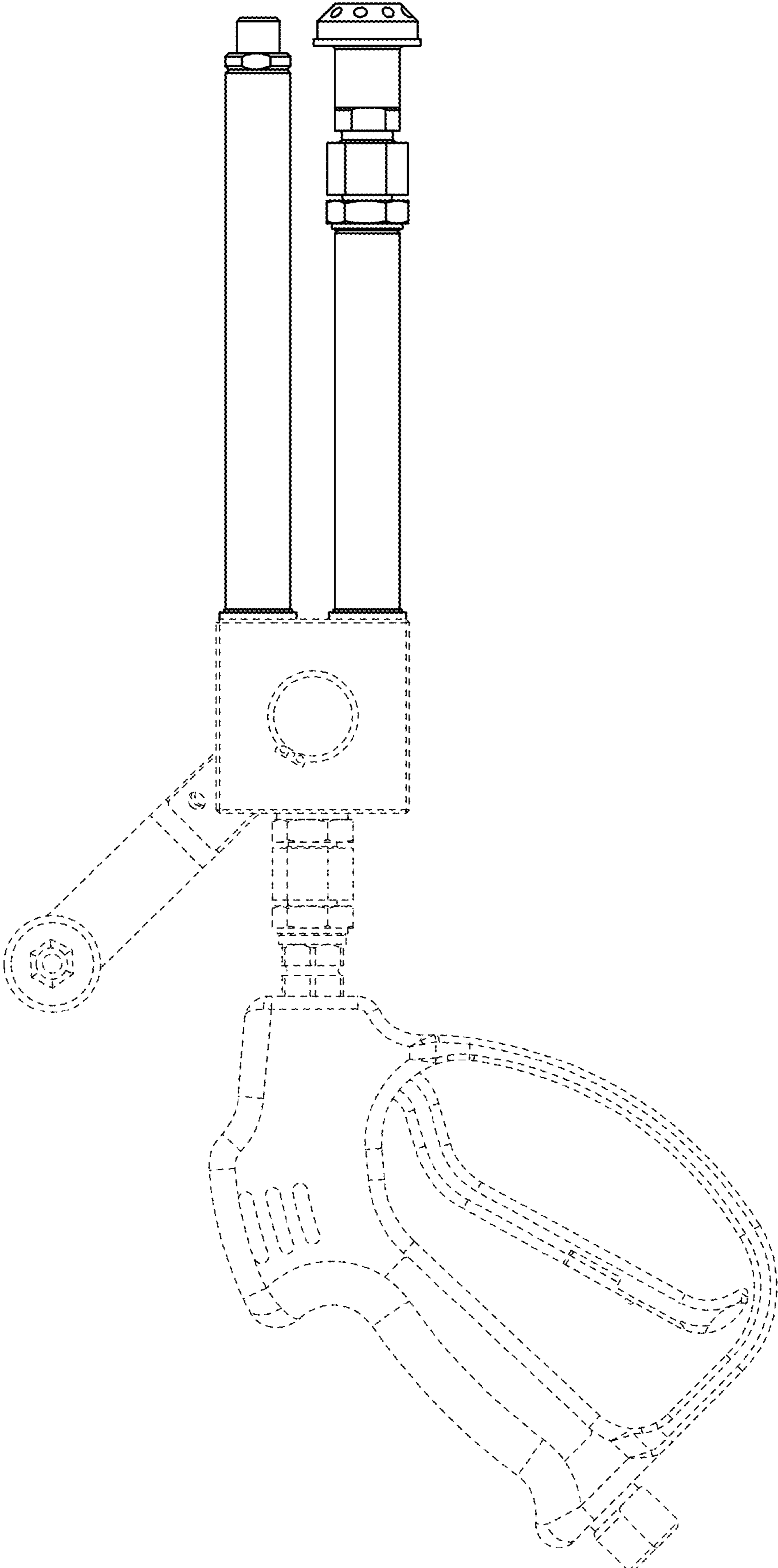


FIG. 2

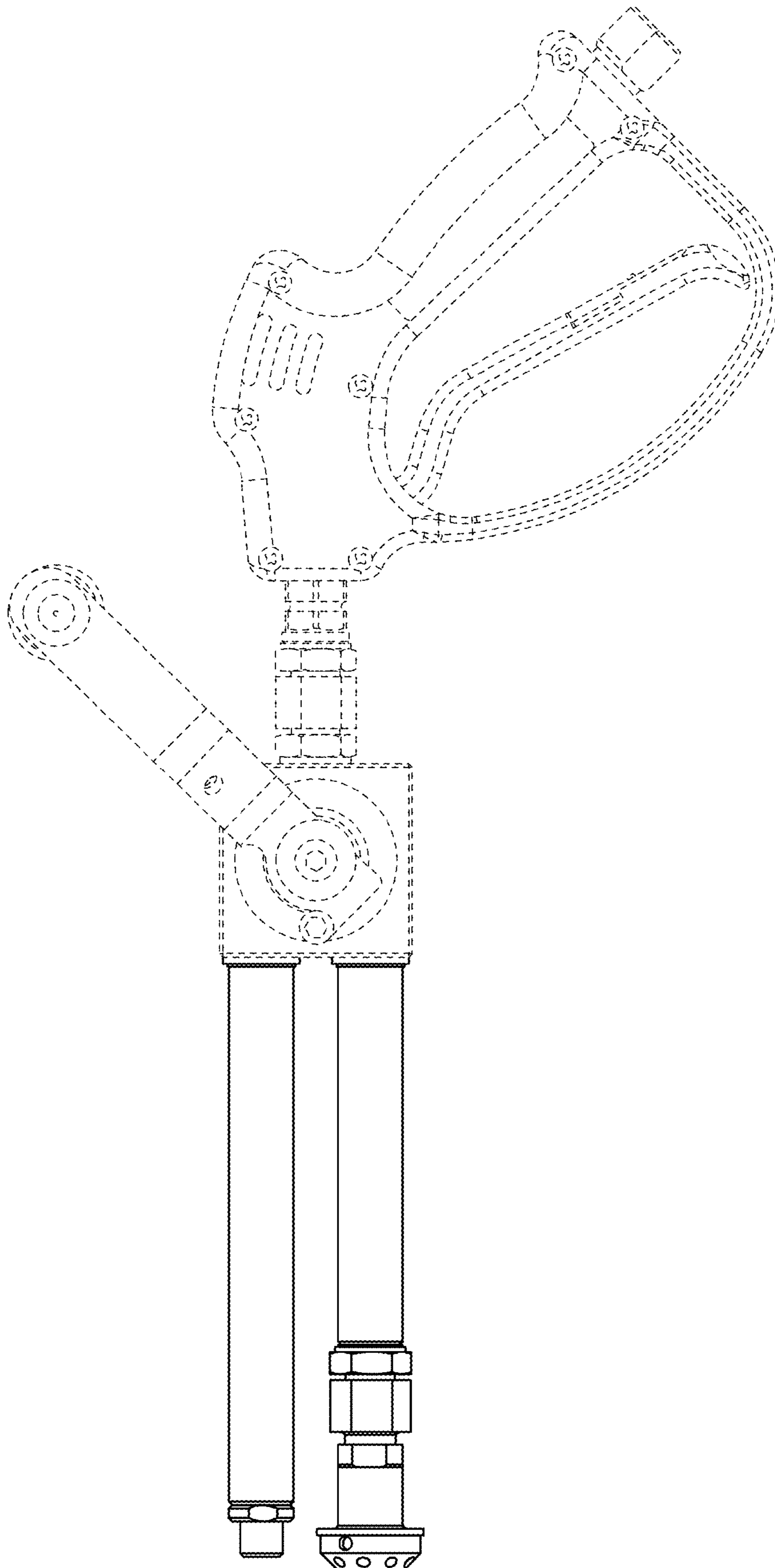


FIG. 3

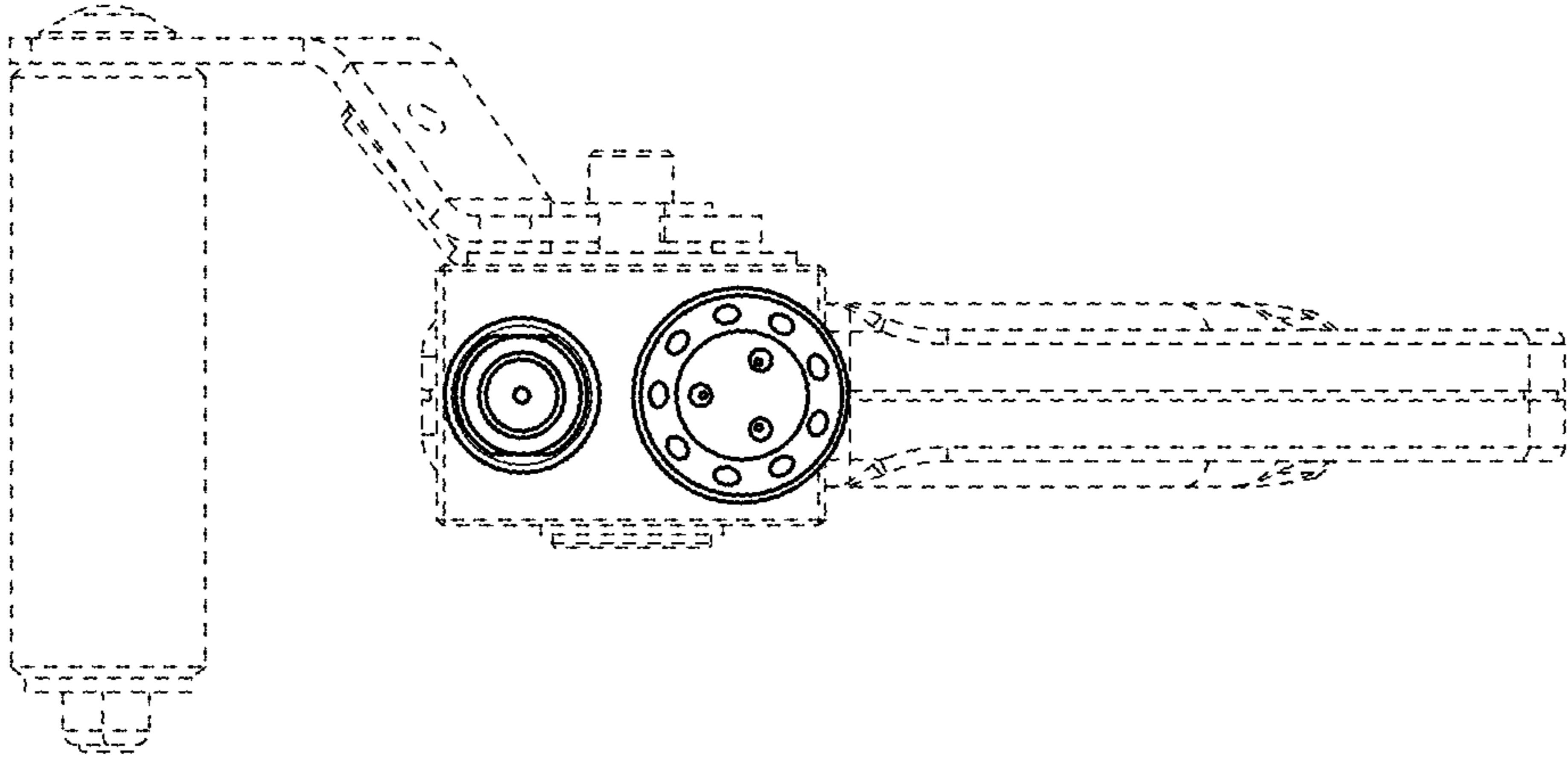


FIG. 4

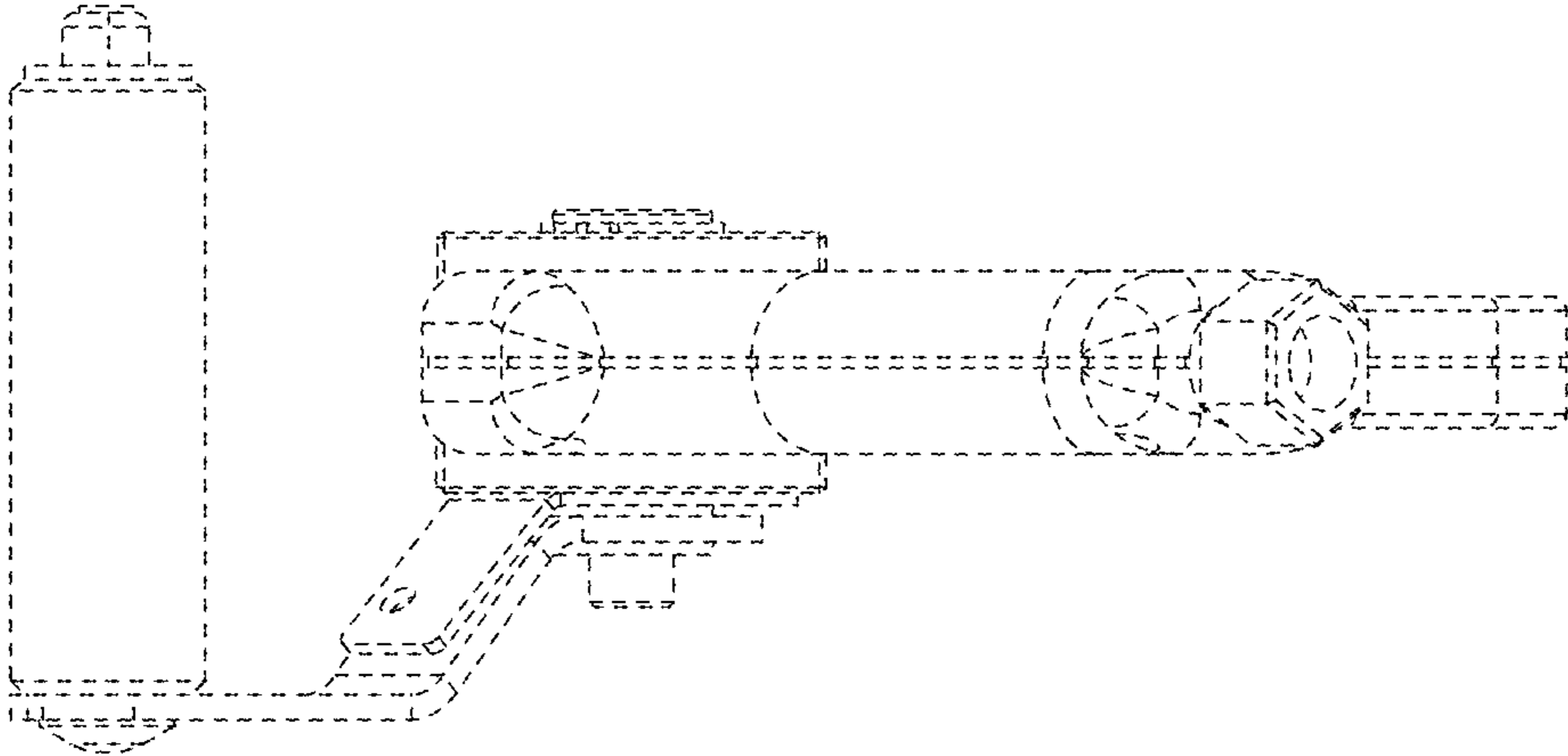


FIG. 5

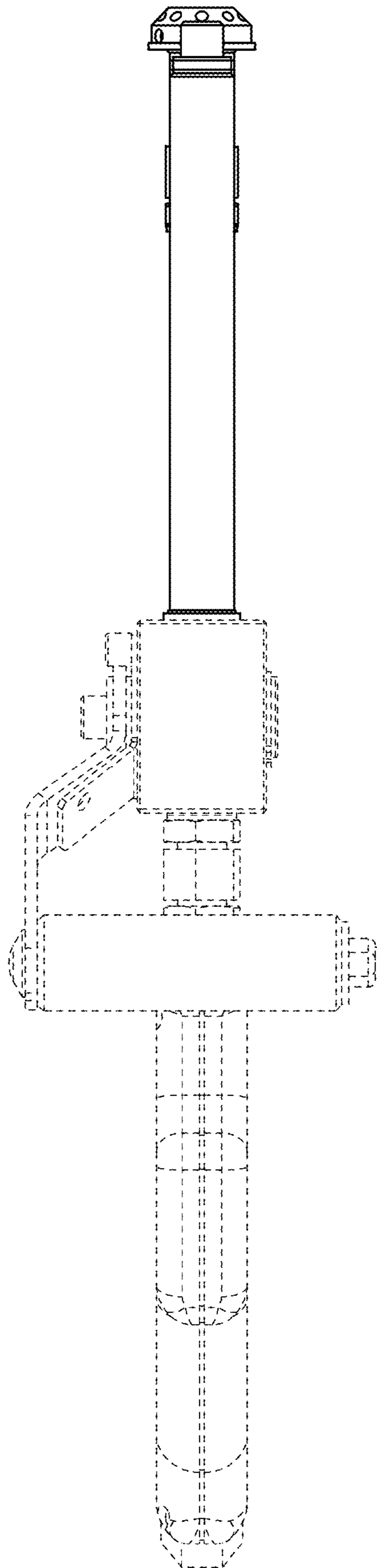


FIG. 6

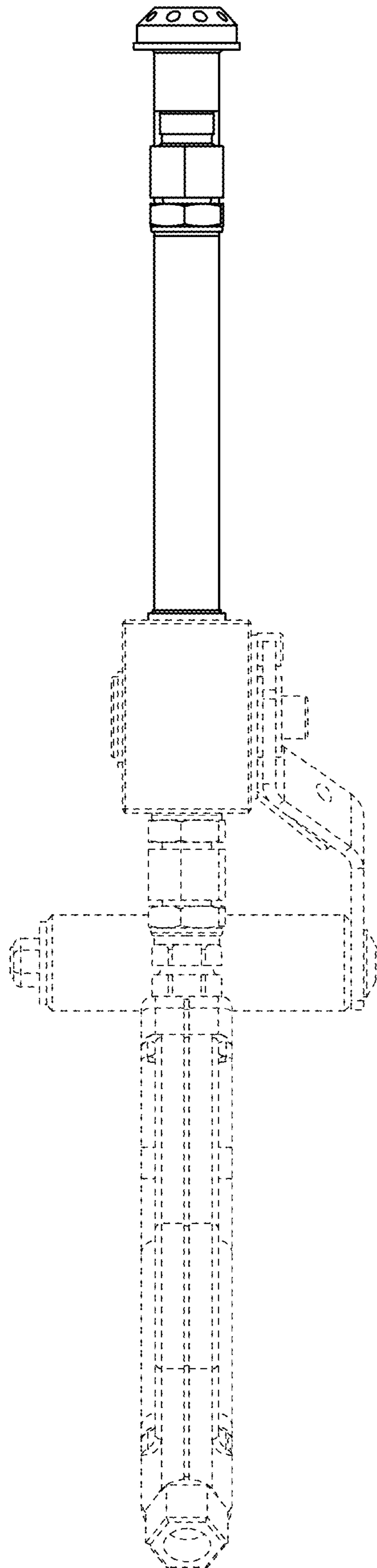


FIG. 7