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(12) **United States Design Patent**
Chen

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(54) **SENSOR ASSEMBLY FOR TOUCH-FREE FAUCET**

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(73) Assignee: **Chung-Chia Chen**, La Habra Heights, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/461,637**

(22) Filed: **Jul. 25, 2013**

Related U.S. Application Data

(63) Continuation of application No. 29/447,315, filed on Mar. 1, 2013, now Pat. No. Des. 689,596, which is a continuation of application No. 29/402,670, filed on Sep. 26, 2011, now Pat. No. Des. 677,367.

(51) **LOC (10) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/255**

(58) **Field of Classification Search**
USPC D23/238, 255, 257; 4/675-678;
137/801

See application file for complete search history.

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(57) **CLAIM**

I claim the ornamental design for a sensor assembly for touch-free faucet, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a sensor assembly for touch-free faucet;

FIG. 2 is a front elevation view of the first embodiment of the sensor assembly for touch-free faucet;

FIG. 3 is a rear elevation view of the first embodiment of the sensor assembly for touch-free faucet;

FIG. 4 is a right elevation view of the first embodiment of the sensor assembly for touch-free faucet;

FIG. 5 is a left elevation view of the first embodiment of the sensor assembly for touch-free faucet;

FIG. 6 is a top plan view of the first embodiment of the sensor assembly for touch-free faucet; and

FIG. 7 is a bottom plan view of the first embodiment of the sensor assembly for touch-free faucet;

FIG. 8 is a perspective view of a second embodiment of a sensor assembly for touch-free faucet;

FIG. 9 is a front elevation view of the second embodiment of the sensor assembly for touch-free faucet;

FIG. 10 is a rear elevation view of the second embodiment of the sensor assembly for touch-free faucet;

FIG. 11 is a right elevation view of the second embodiment of the sensor assembly for touch-free faucet;

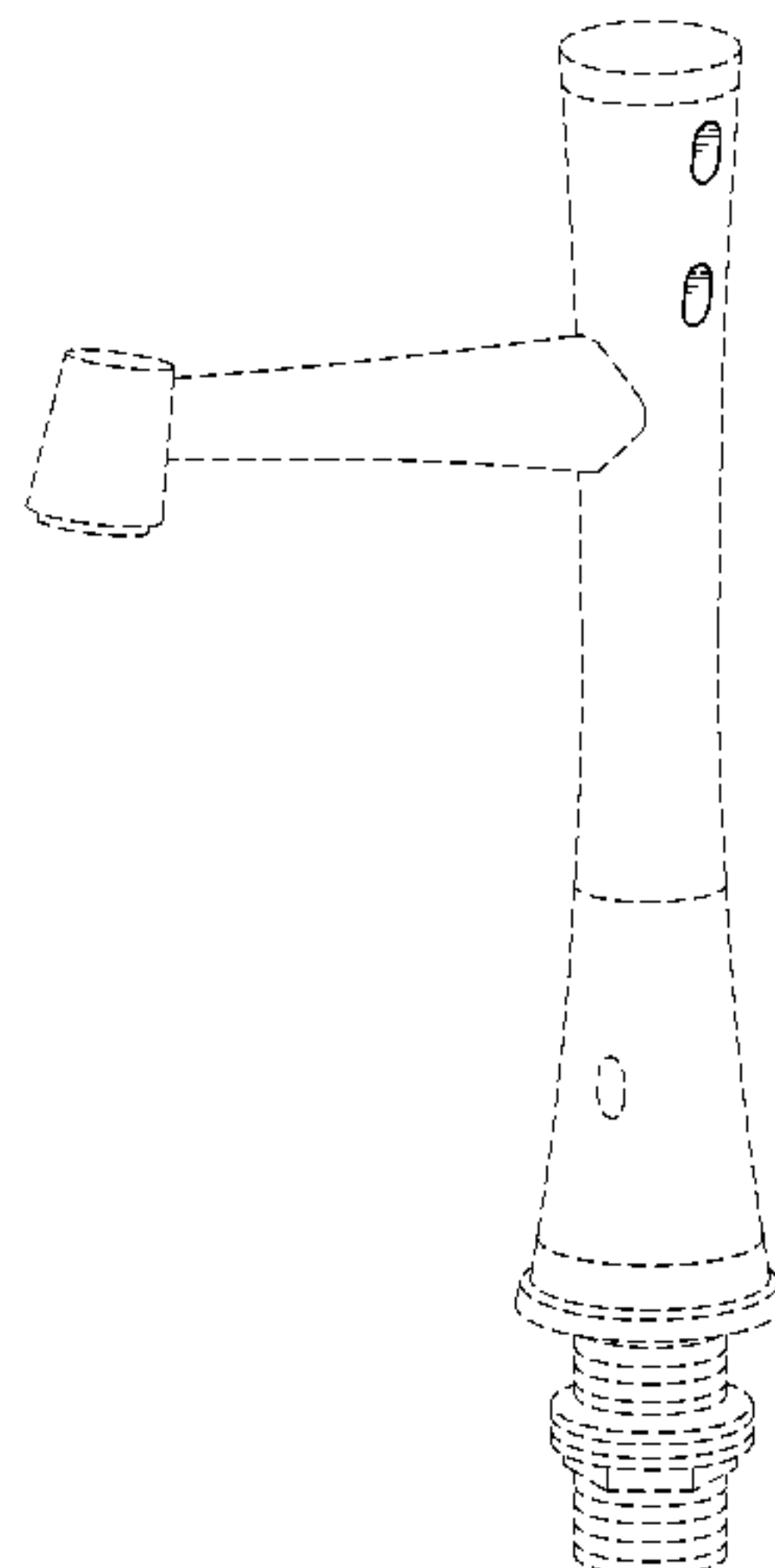
FIG. 12 is a left elevation view of the second embodiment of the sensor assembly for touch-free faucet;

FIG. 13 is a top plan view of the second embodiment of the sensor assembly for touch-free faucet; and,

FIG. 14 is a bottom plan view of the second embodiment of the sensor assembly for touch-free faucet.

The broken lines shown in the drawings are included for the purpose of illustrating a portion of the faucet that forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



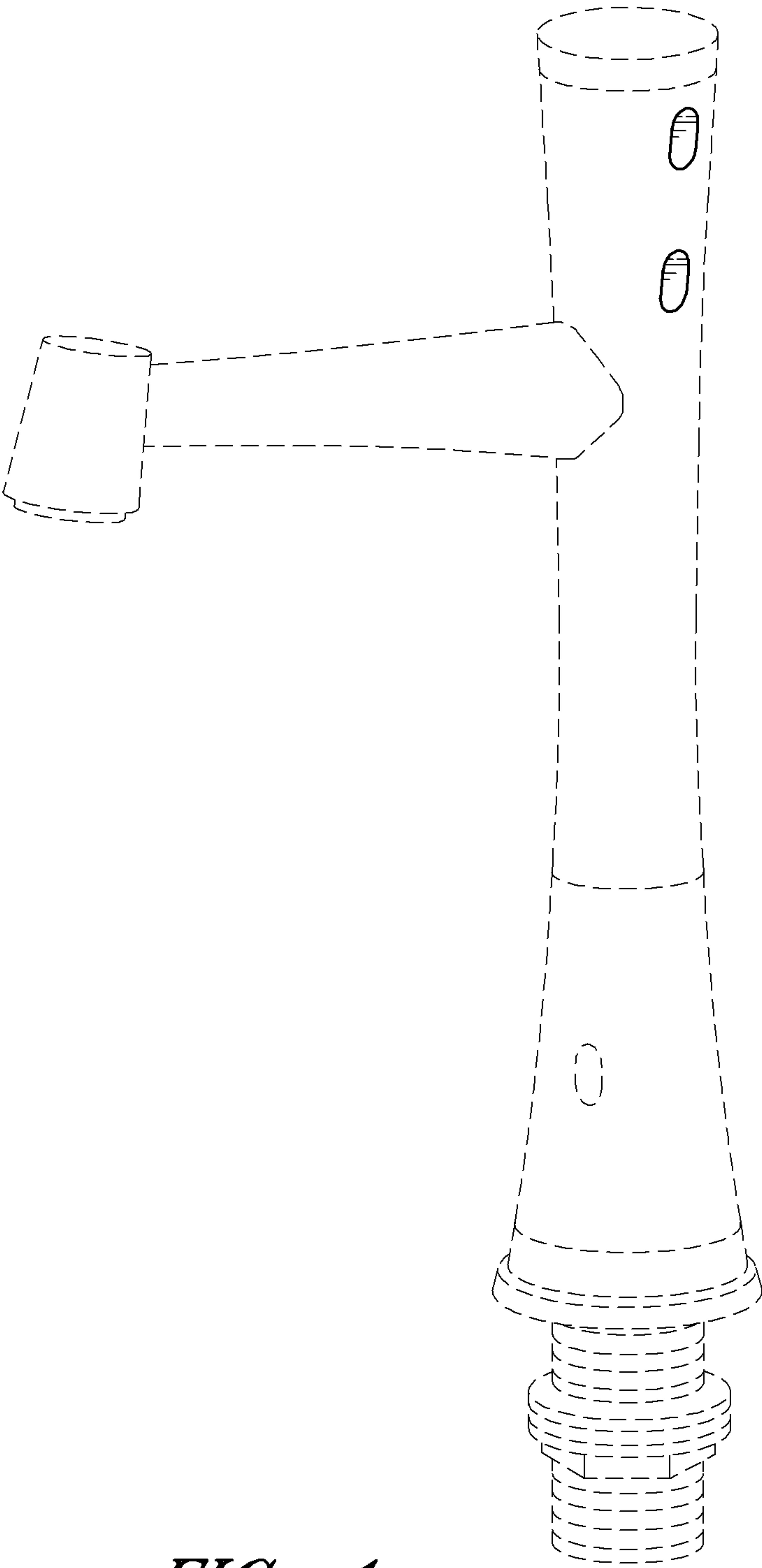


FIG. 1

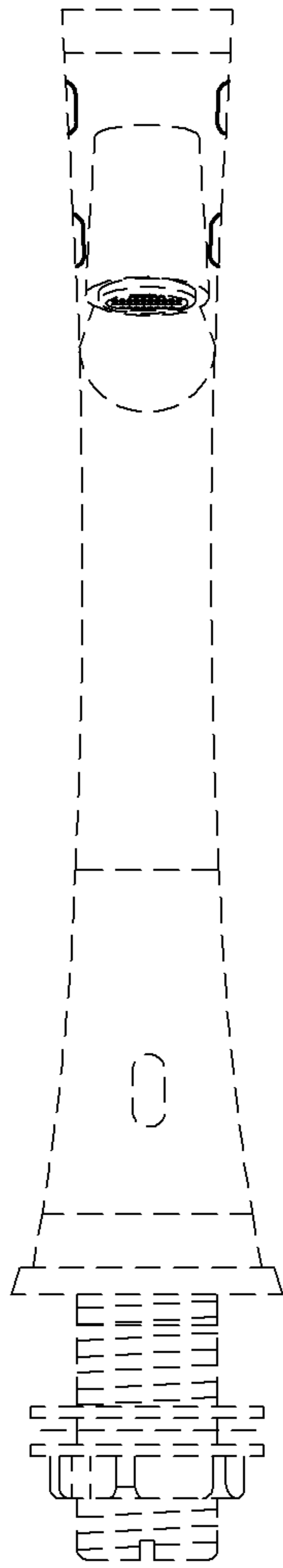


FIG. 2

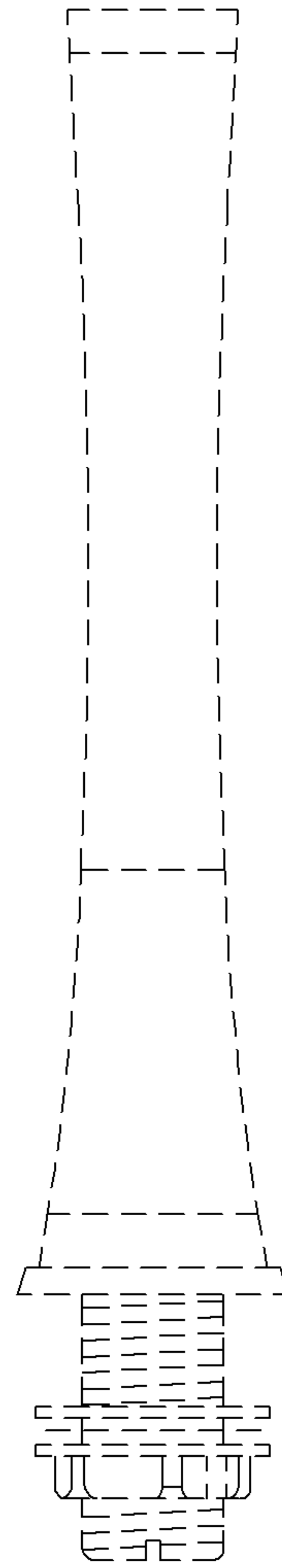


FIG. 3

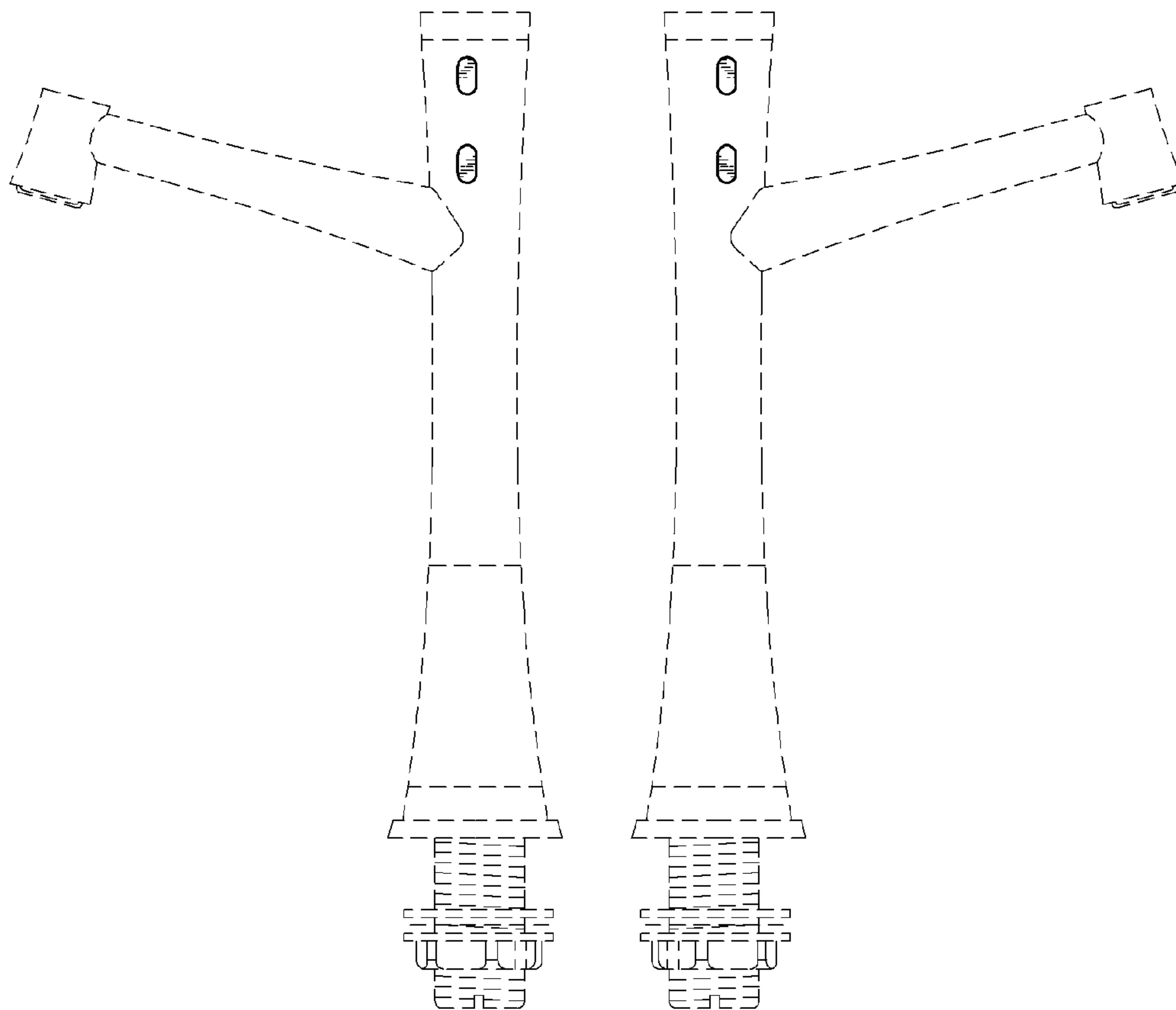


FIG. 4

FIG. 5

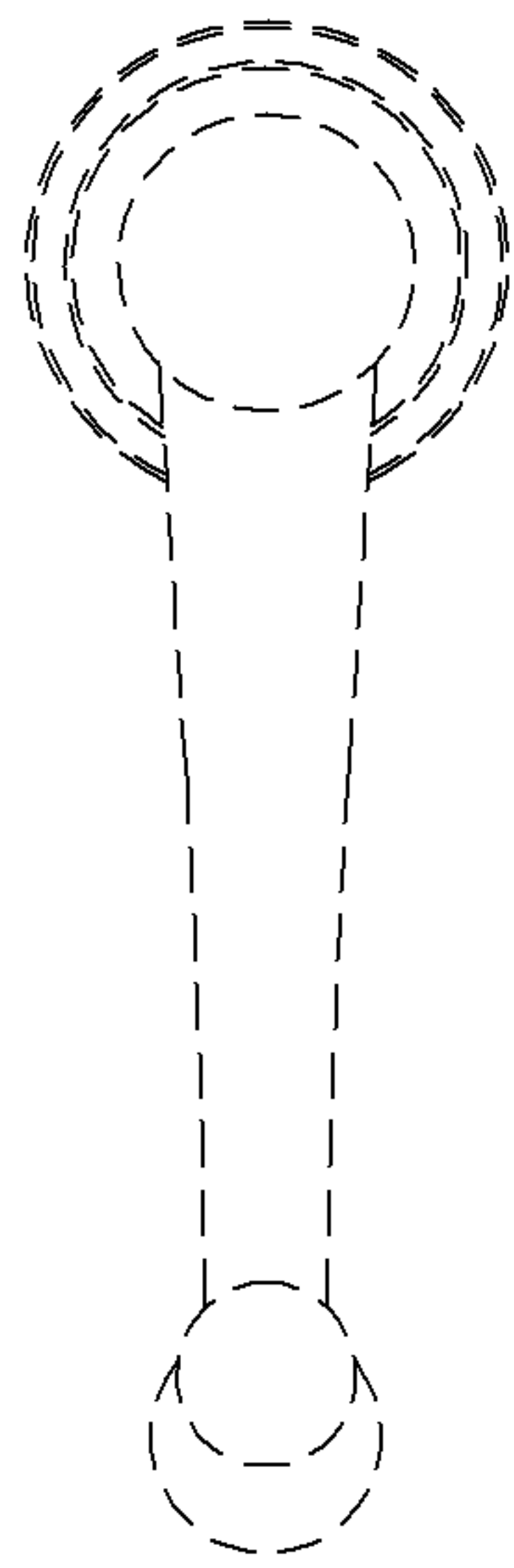


FIG. 6

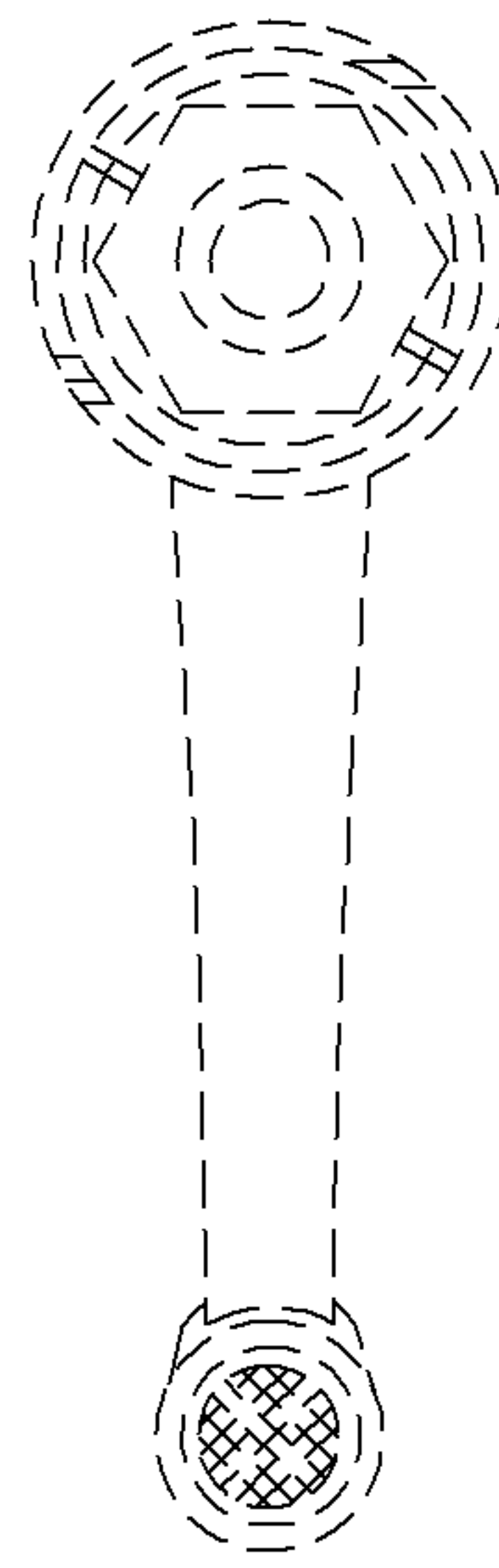


FIG. 7

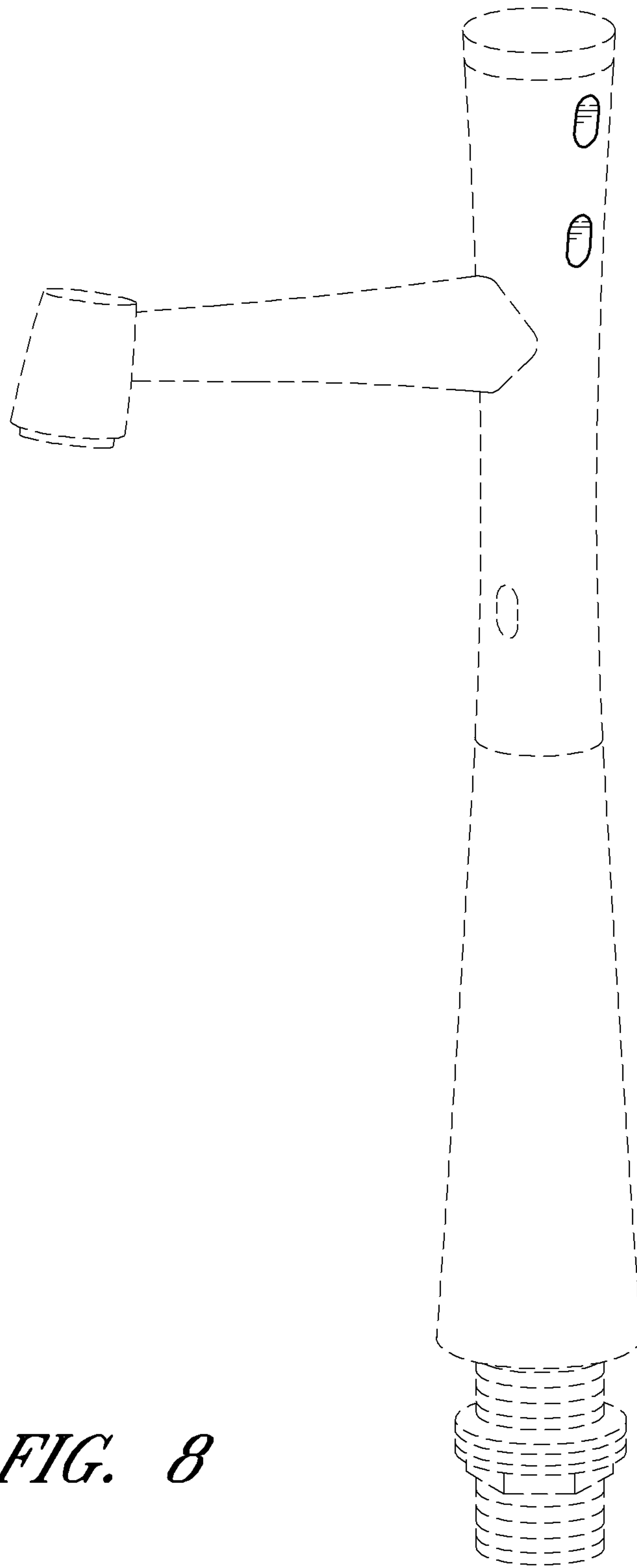


FIG. 8

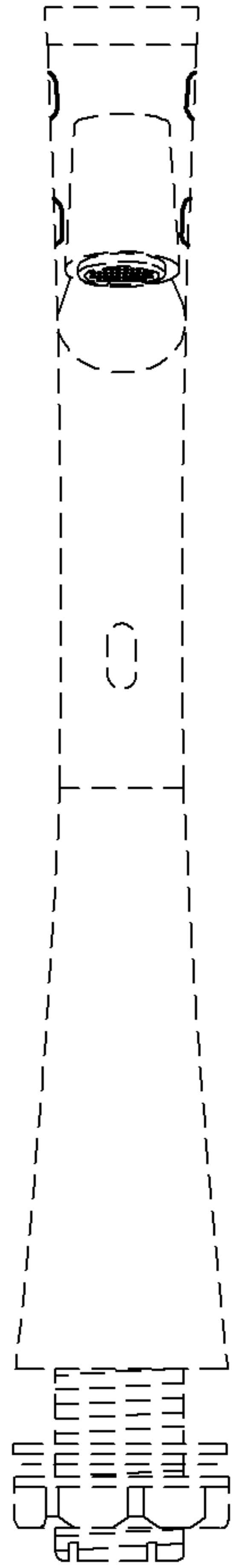


FIG. 9

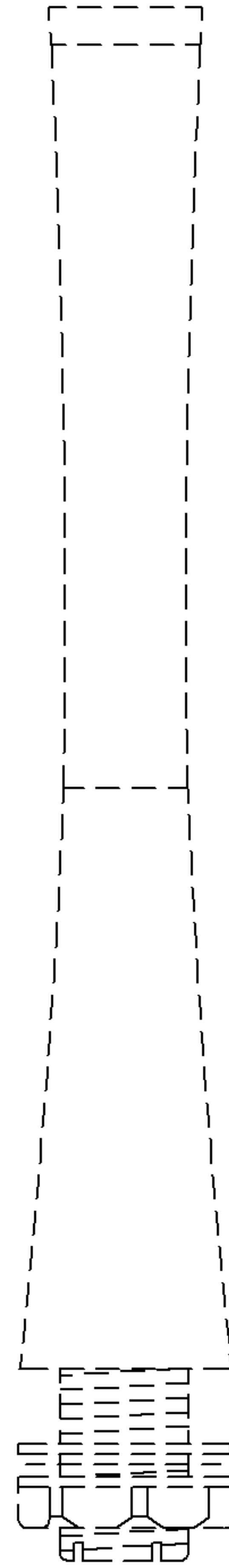


FIG. 10

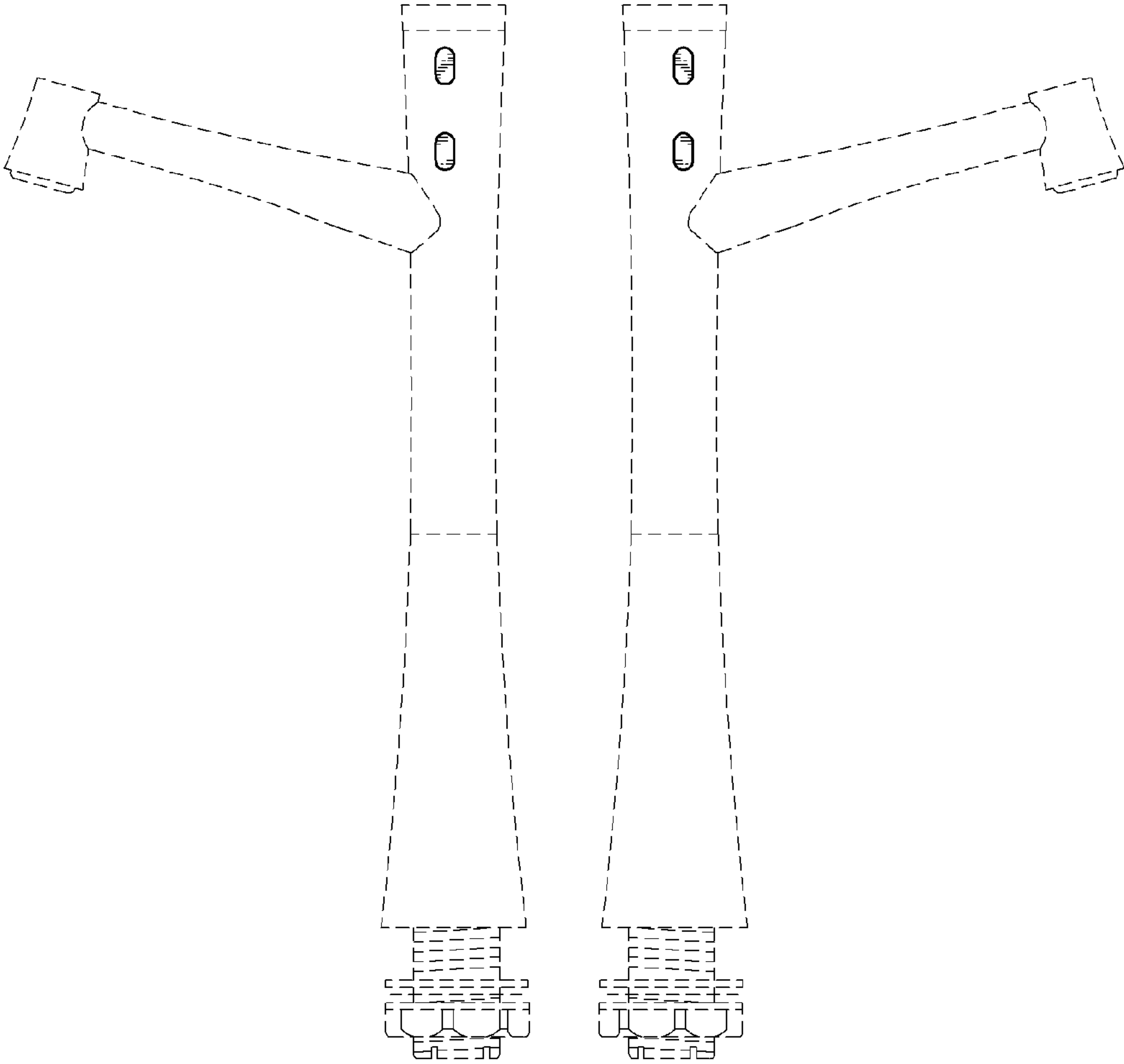


FIG. 11

FIG. 12

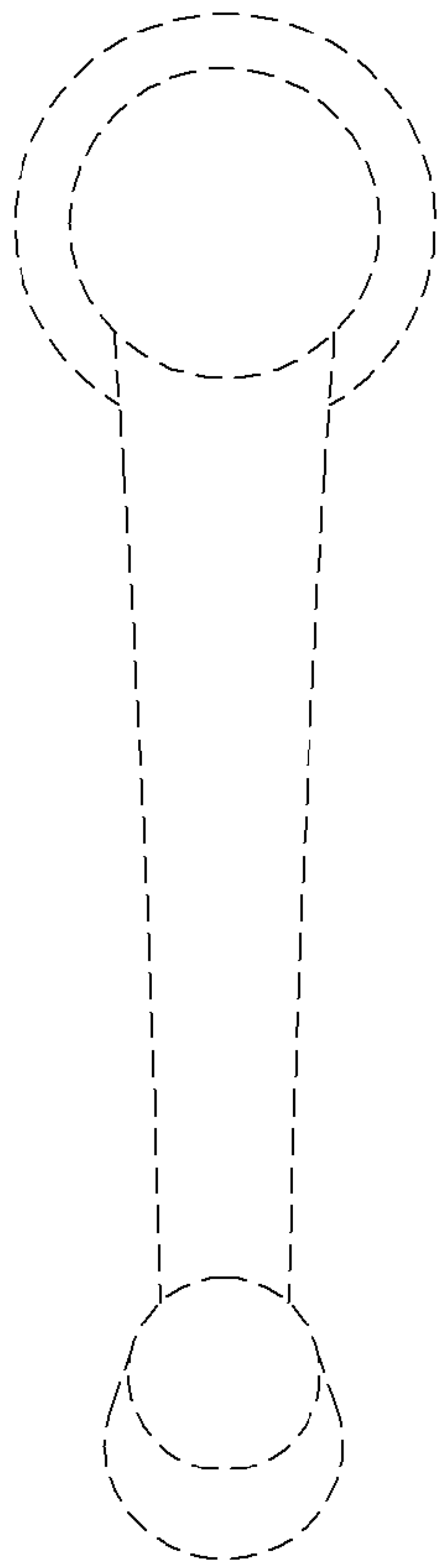


FIG. 13

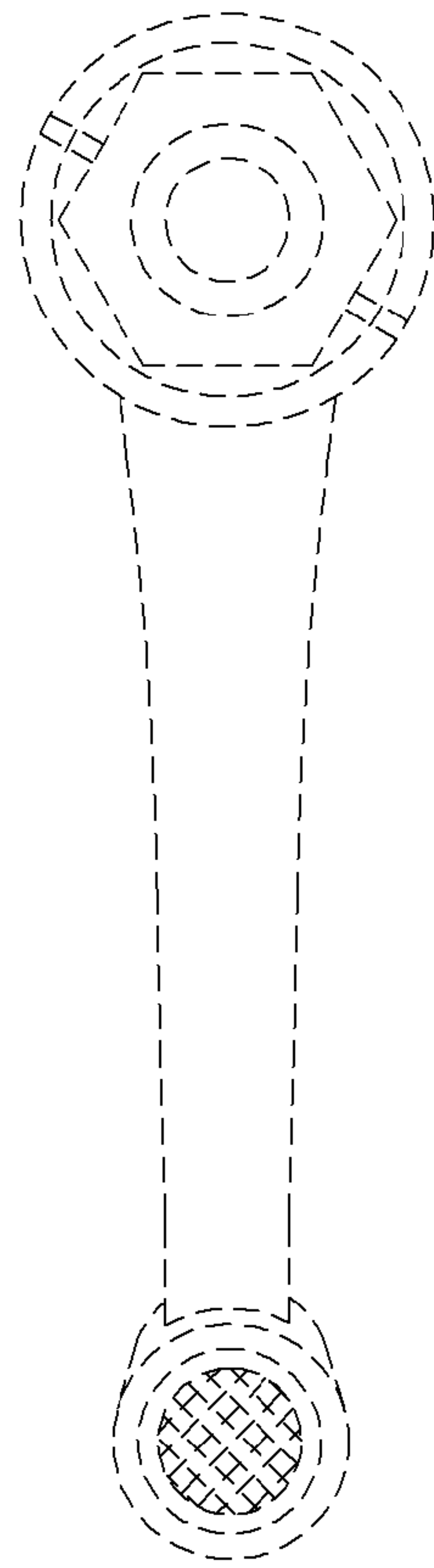


FIG. 14