



US00D755687S

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

(10) **Patent No.:** **US D755,687 S**
(45) **Date of Patent:** **** May 10, 2016**

(54) **STEERING KNUCKLE FOR A DRIVING APPARATUS**

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(73) Assignees: **HITACHI METALS AMERICA, LTD.**, Novi, MI (US); **HITACHI METALS, LTD.**, Tokyo (JP)

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

(21) Appl. No.: **29/503,927**

(22) Filed: **Sep. 30, 2014**

(51) **LOC (10) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/159**

(58) **Field of Classification Search**
USPC D12/159
CPC F16C 11/0671; F16C 11/00; F16C 11/06;
F16C 2326/24; F16F 9/3242; F16F 9/0218;
F16F 9/0227; F16F 9/3221; F16F 9/3235;
Y10T 16/62; Y10T 16/281
See application file for complete search history.

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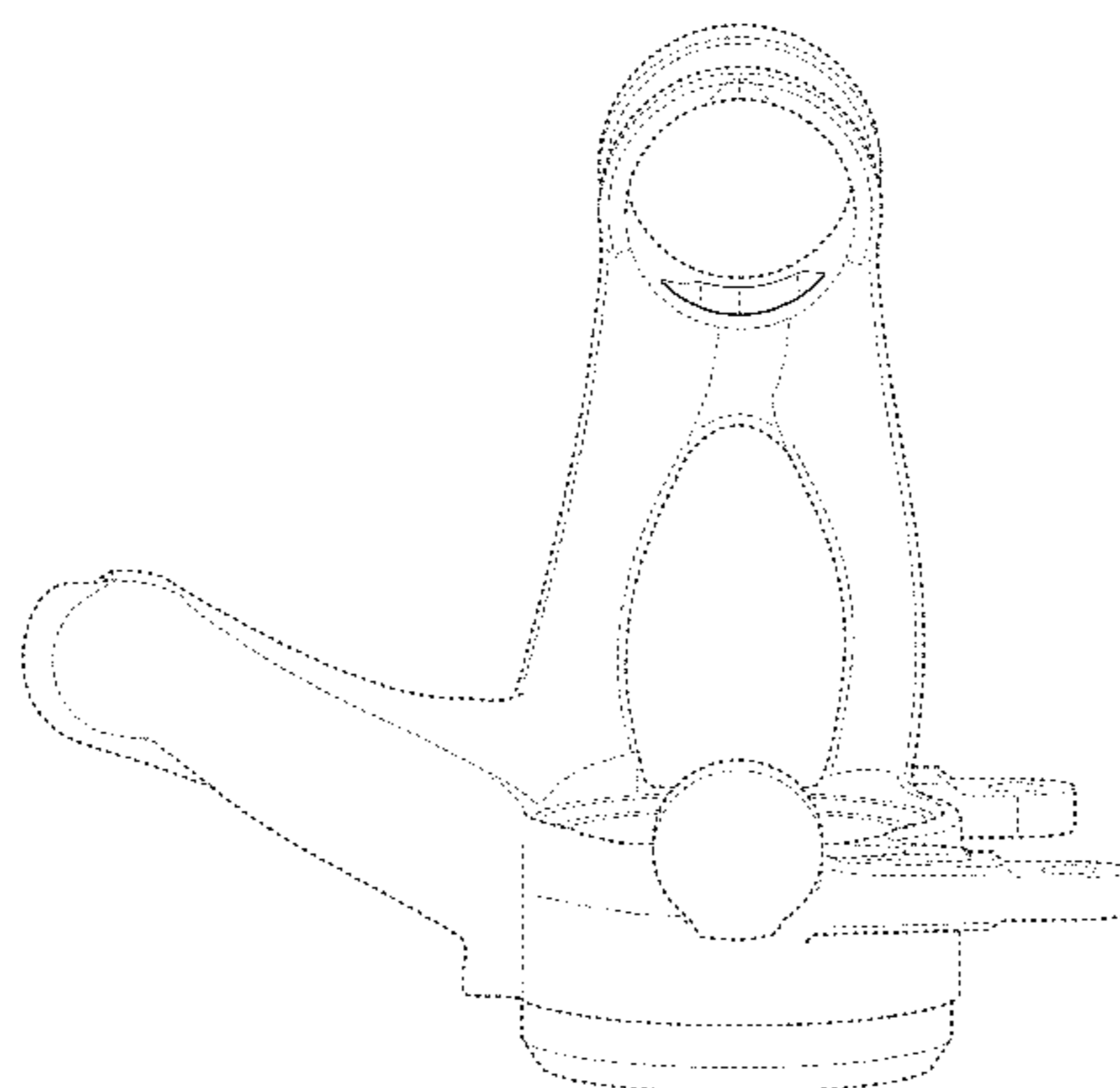
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(74) *Attorney, Agent, or Firm* — McGinn IP Law Group, PLLC

(57) **CLAIM**
The ornamental design for a steering knuckle for a driving apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a steering knuckle comprising an opening hole, a recess having an omega-like cross-section (environment), and a beam connecting between the two (environment) as showing our new design;
FIG. 2 is a perspective view thereof;
FIG. 3 is an X-plane cross section view of a steering knuckle as showing our new design;
FIG. 4 is a first Y-plane cross section view of a steering knuckle as showing our new design;
FIG. 5 is a second Y-plane cross section view of a steering knuckle as showing our new design;
FIG. 6 is a third Y-plane cross section view of a steering knuckle as showing our new design;
FIG. 7 is an fourth Y-plane cross section view of a steering knuckle as showing our new design;
FIG. 8 is a first Z-plane cross section view of a steering knuckle as showing our new design;
FIG. 9 is a second Z-plane cross section view of a steering knuckle as showing our new design;
FIG. 10 is a third Z-plane cross section view of a steering knuckle as showing our new design;
FIG. 11 is a front view of a second embodiment of the steering knuckle;
FIG. 12 is a perspective view of the second embodiment of the steering knuckle;
FIG. 13 is a front view of a third embodiment of the steering knuckle;
FIG. 14 is a perspective view of the third embodiment of the steering knuckle;
FIG. 15 is a front view of a fourth embodiment of the steering knuckle;
FIG. 16 is a perspective view of the fourth embodiment of the steering knuckle;
FIG. 17 is a front view of a fifth embodiment of the steering knuckle; and,
FIG. 18 is a perspective view of the fifth embodiment of the steering knuckle.

1 Claim, 18 Drawing Sheets



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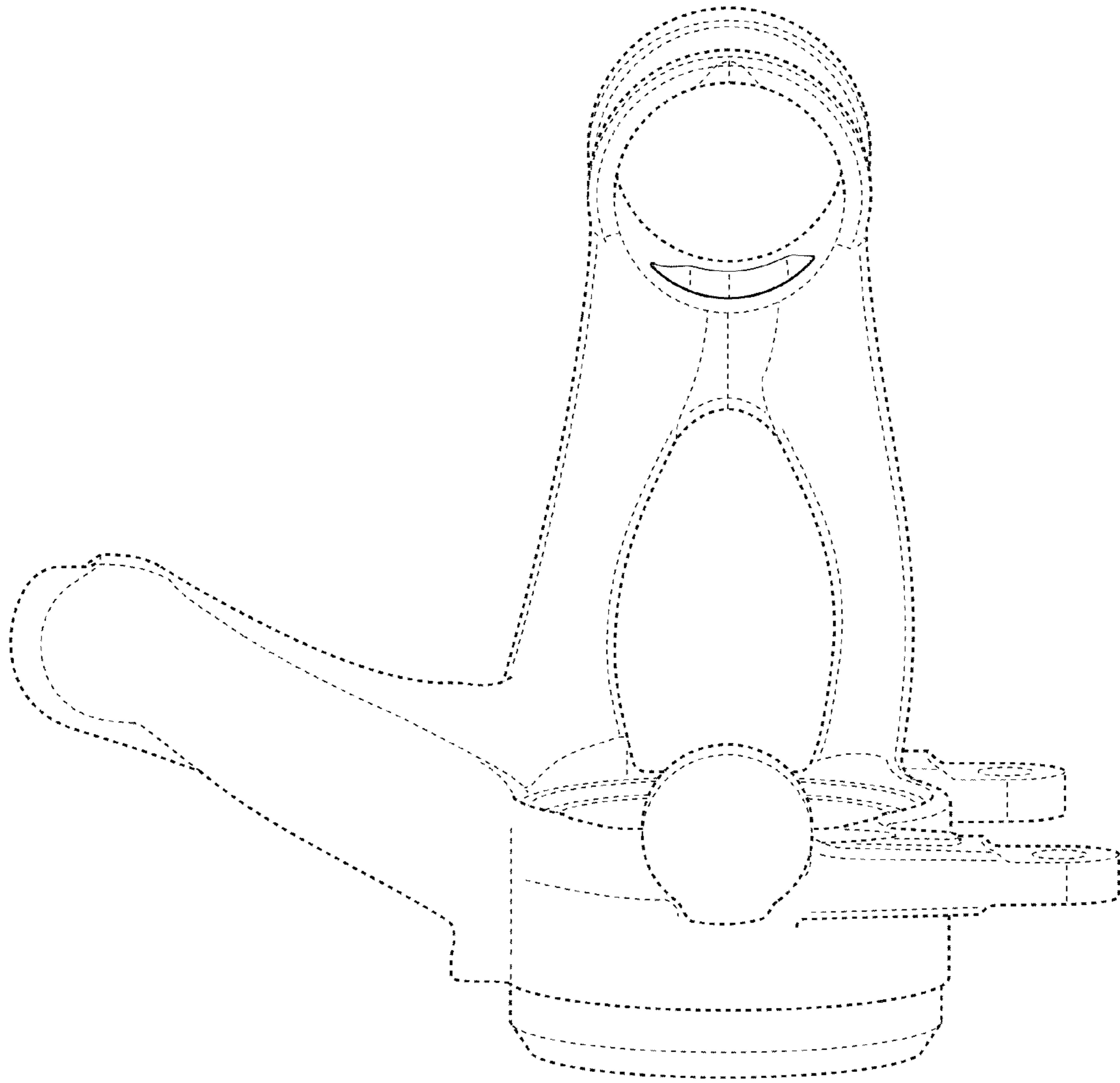


FIG. 1

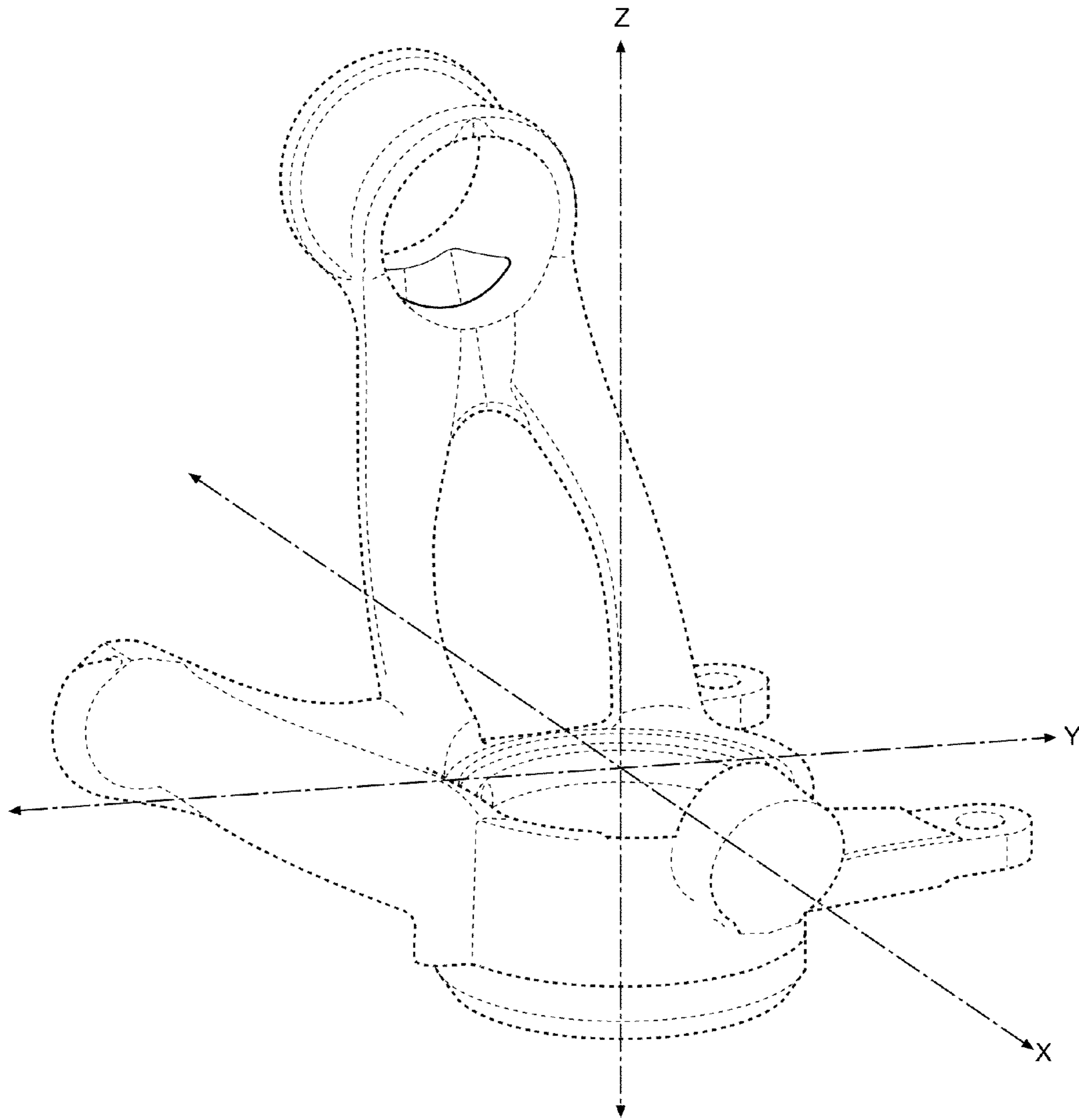


FIG. 2

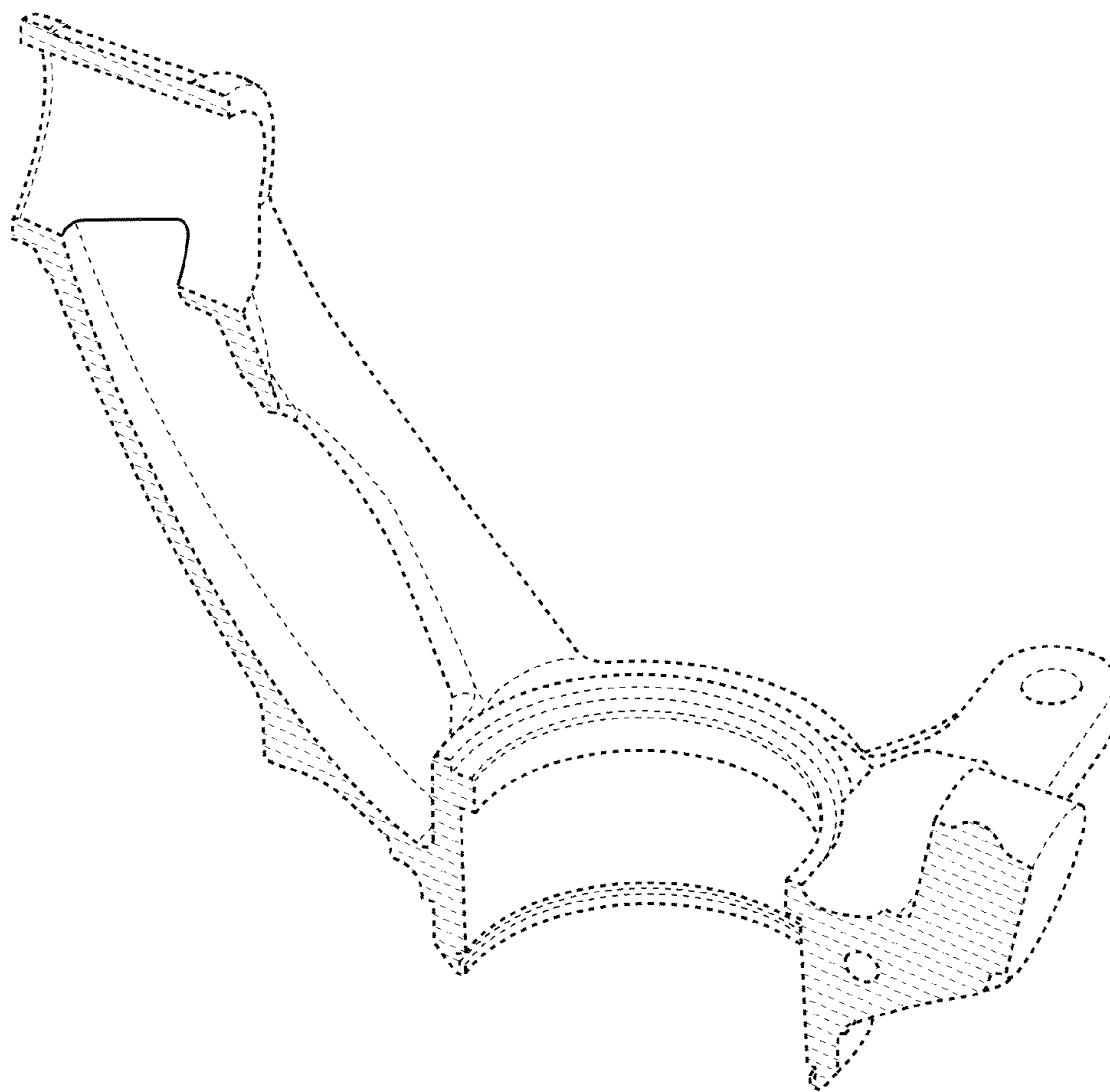


FIG. 3

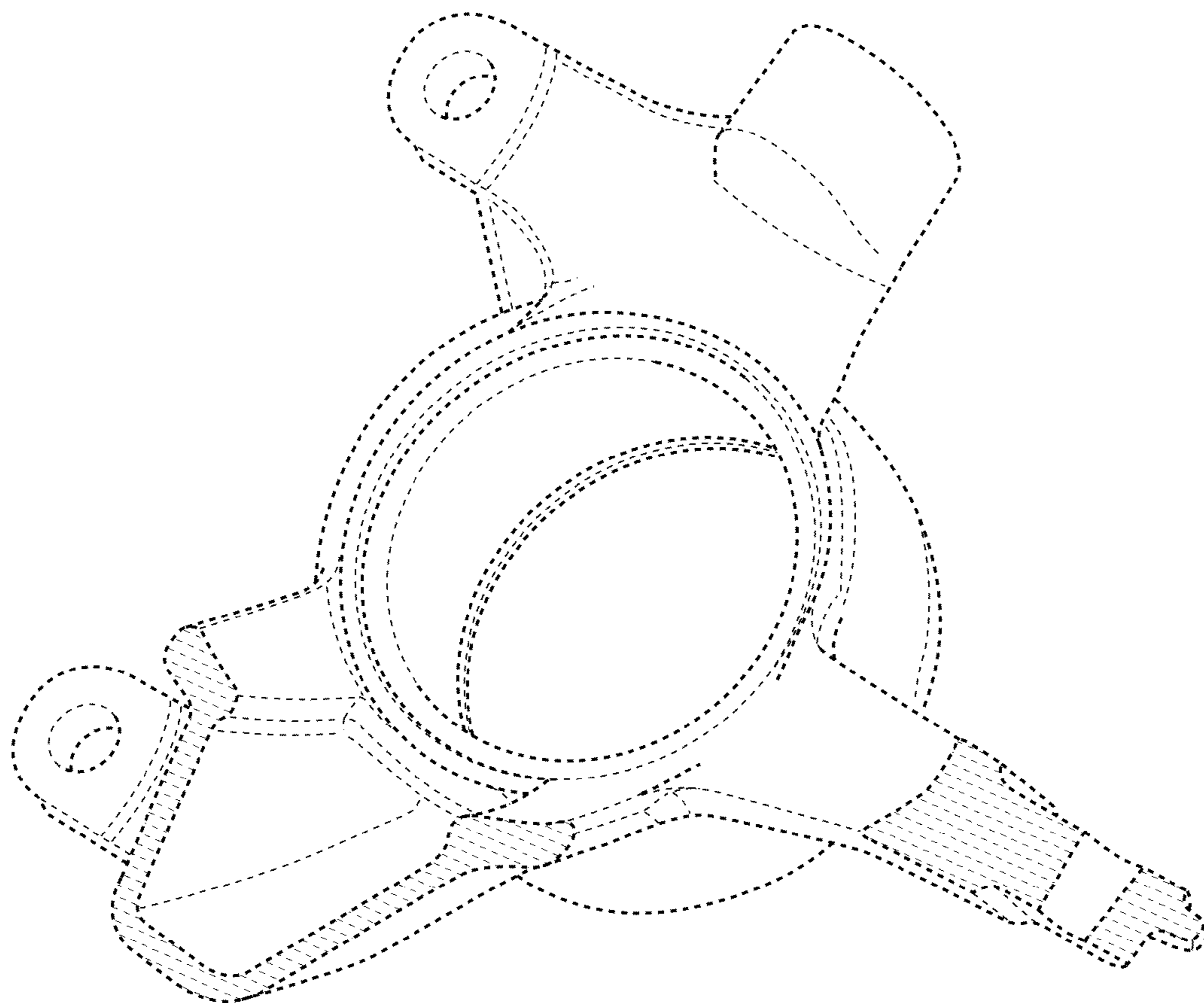


FIG. 4

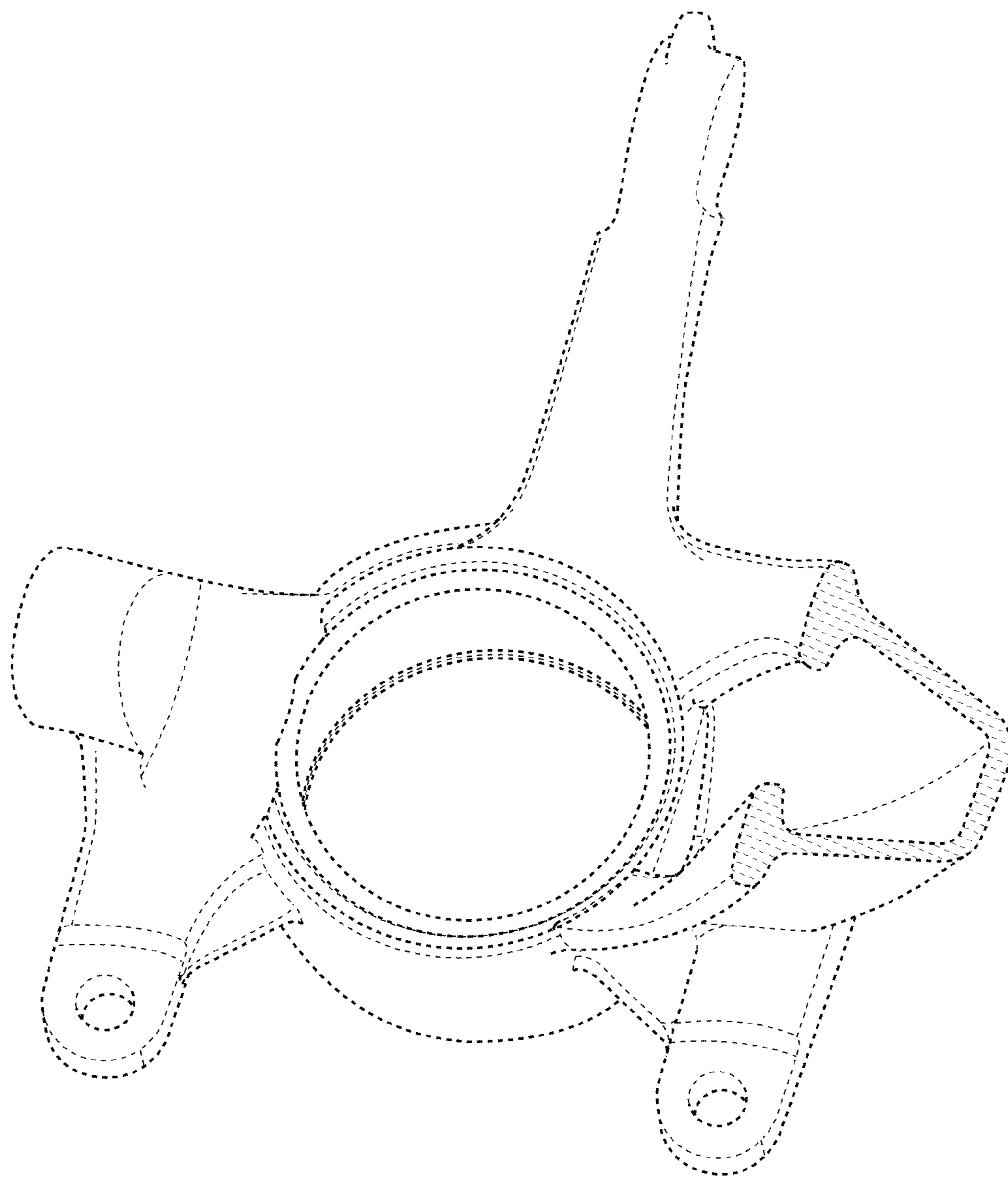


FIG. 5

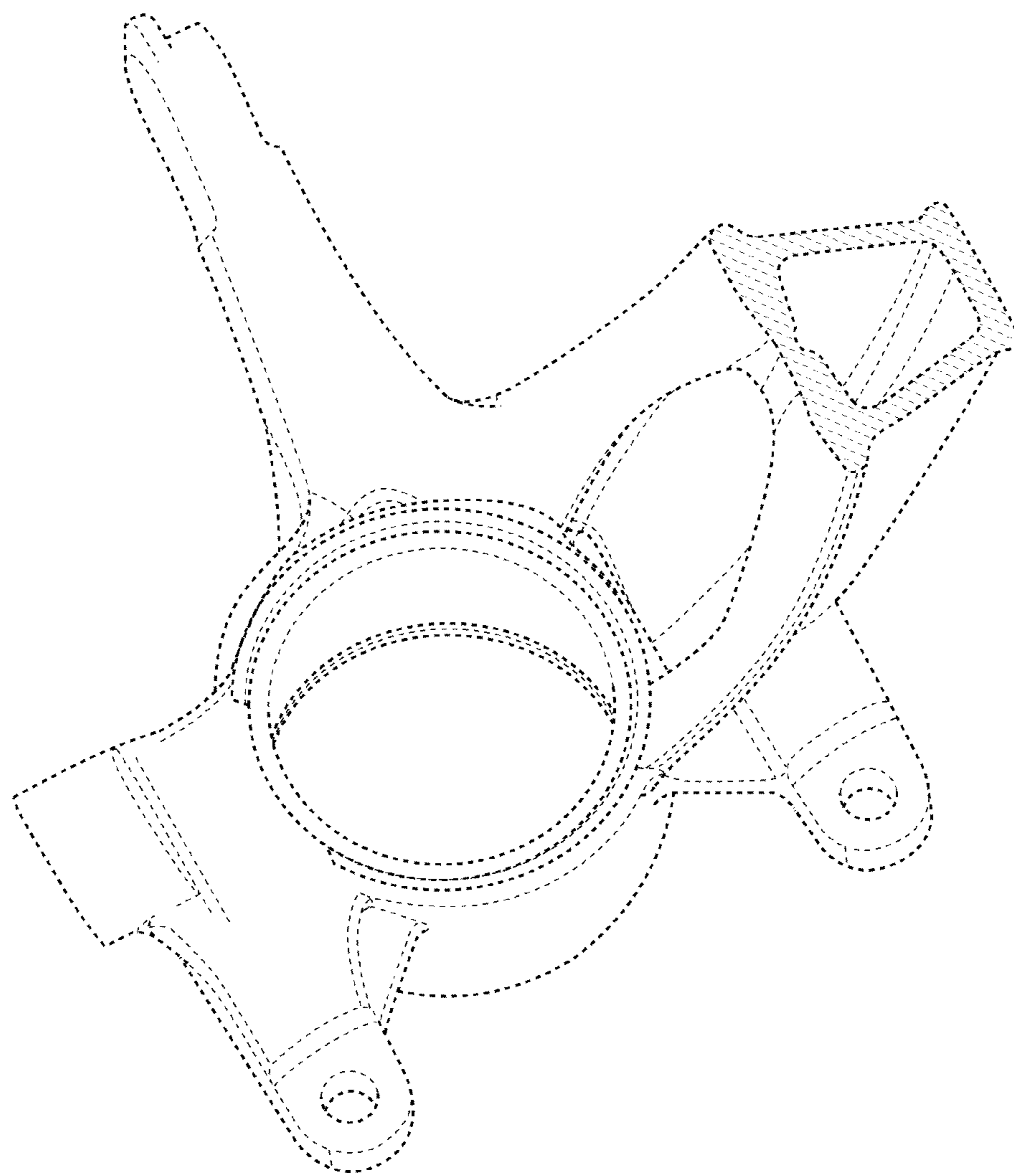


FIG. 6

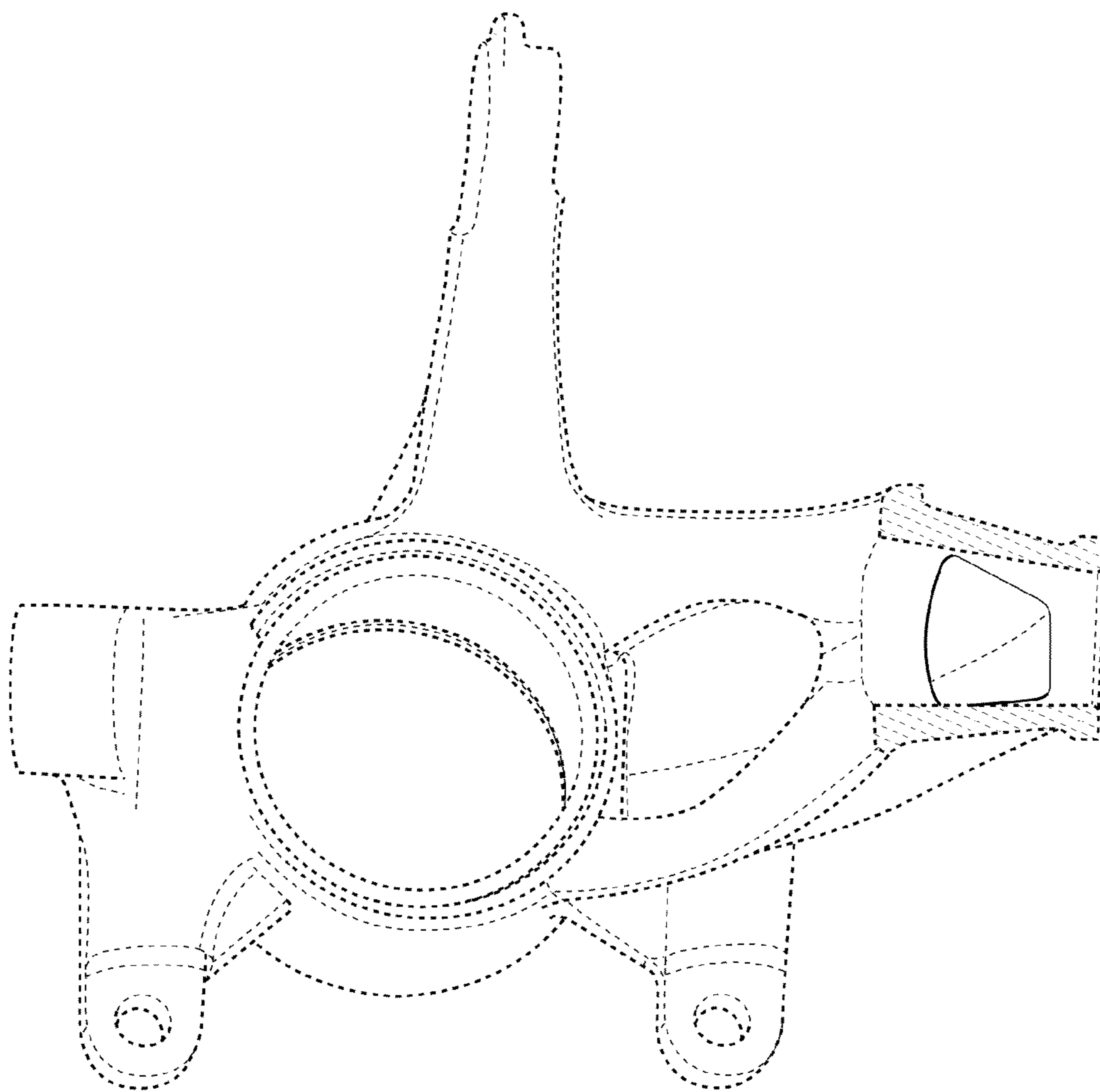


FIG. 7

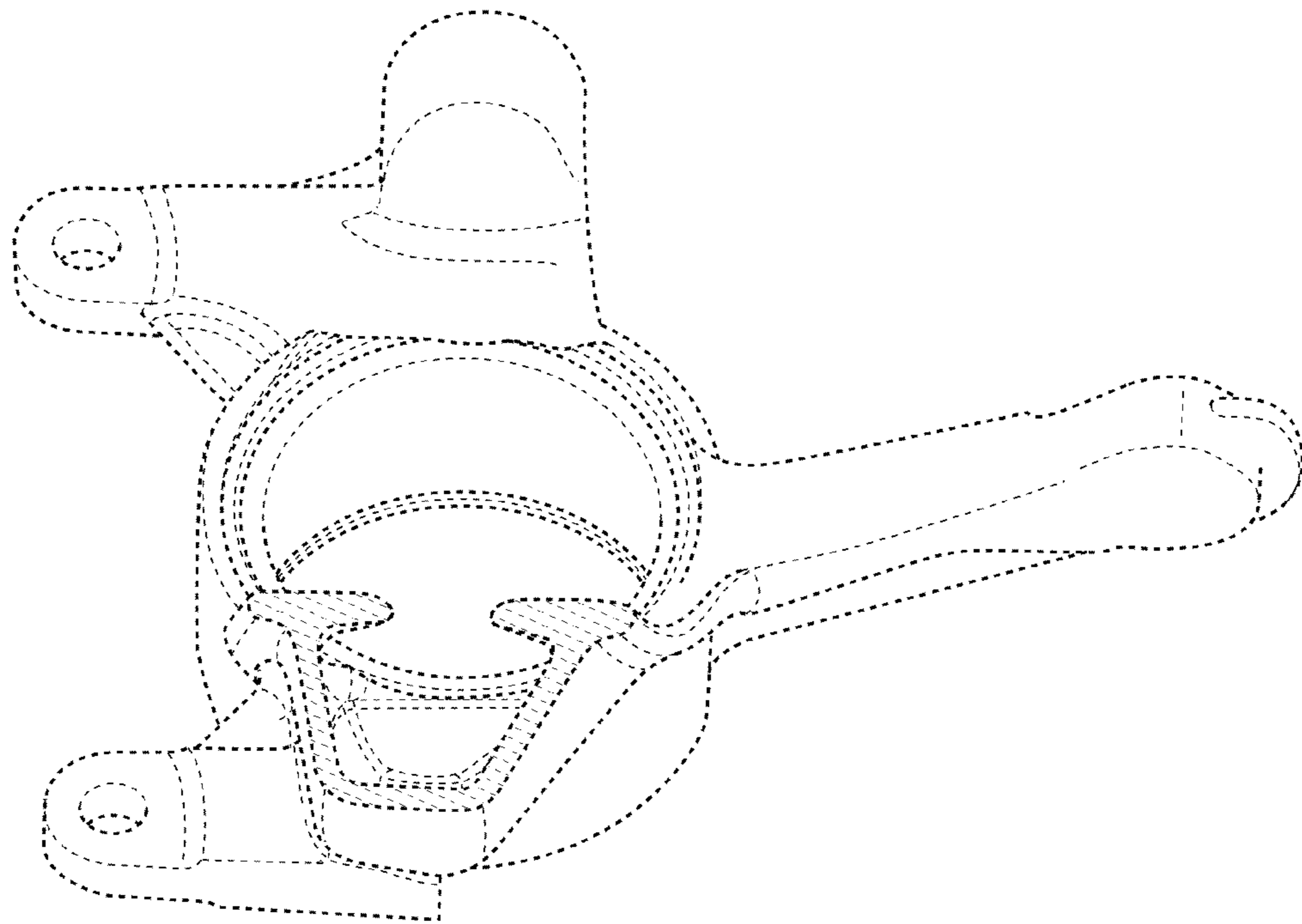


FIG. 8

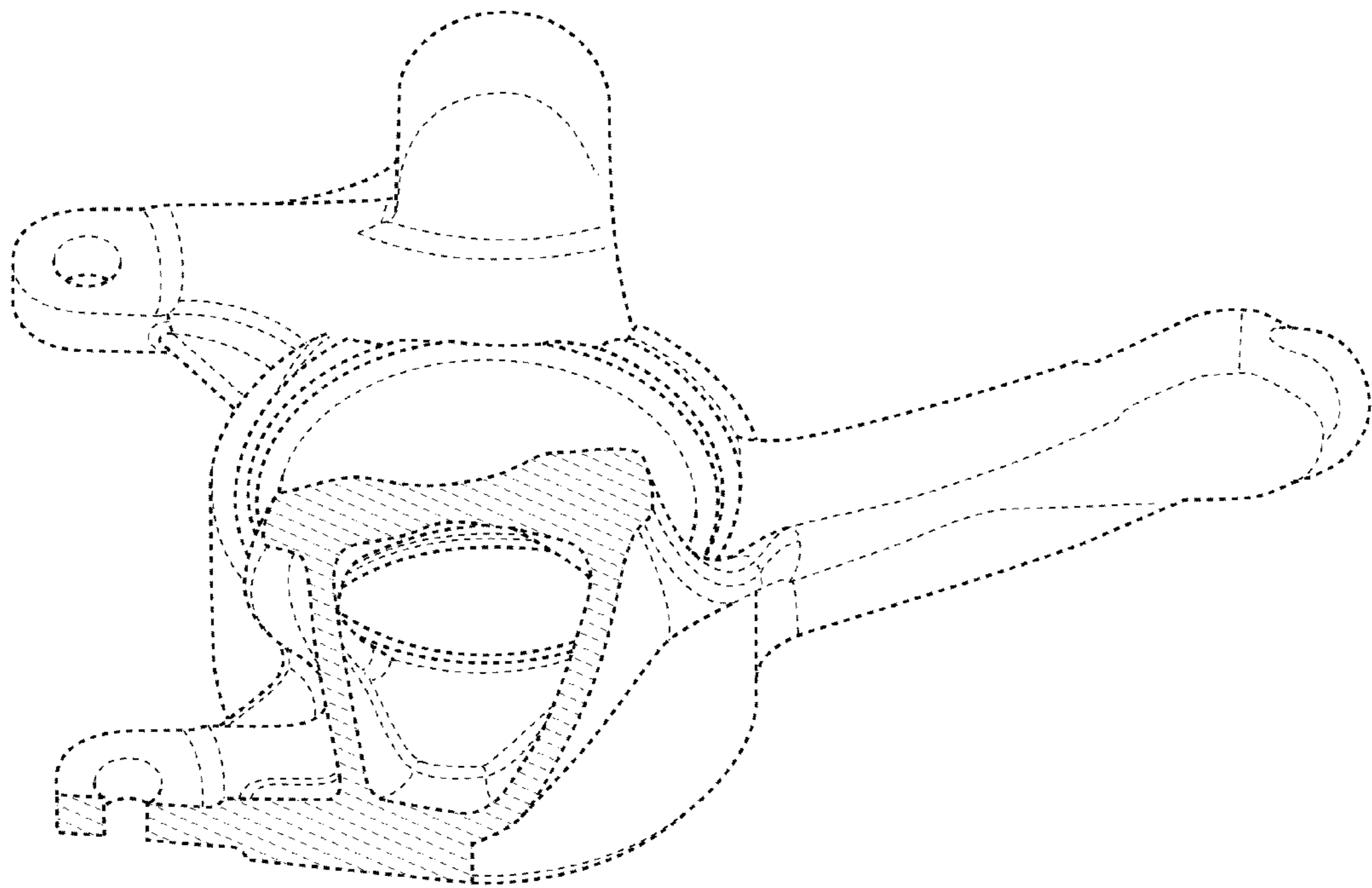


FIG. 9

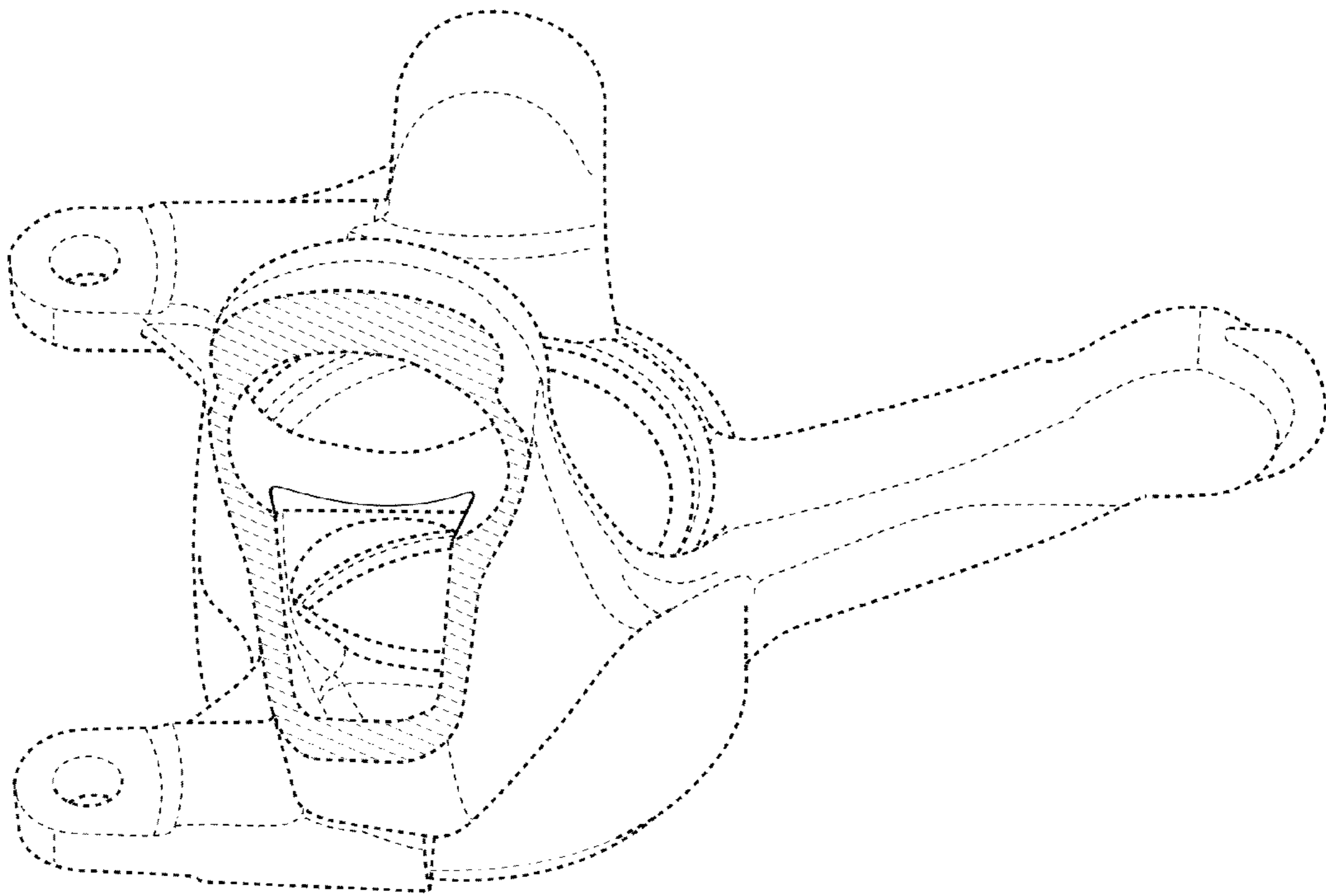


FIG. 10

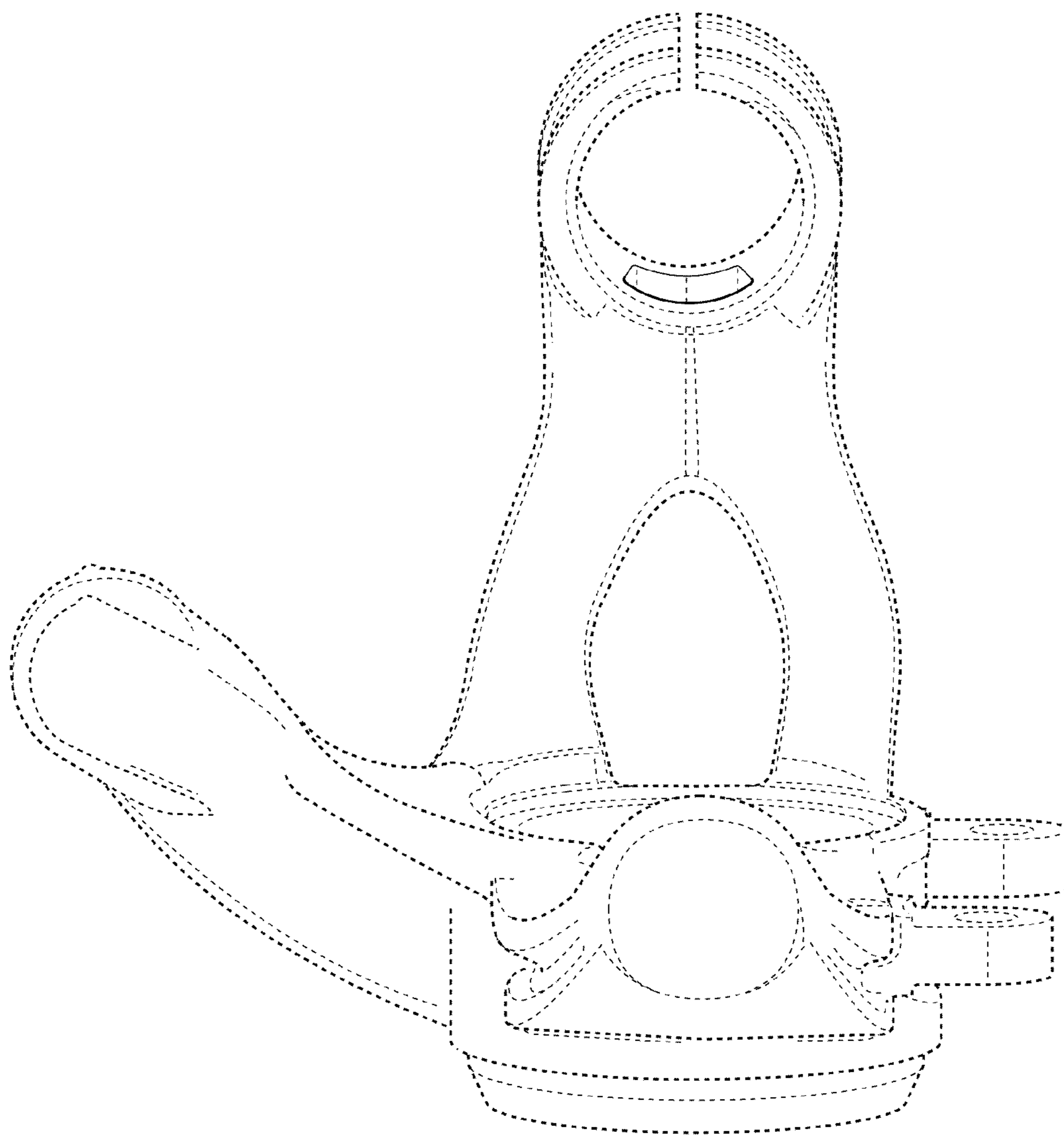


FIG. 11

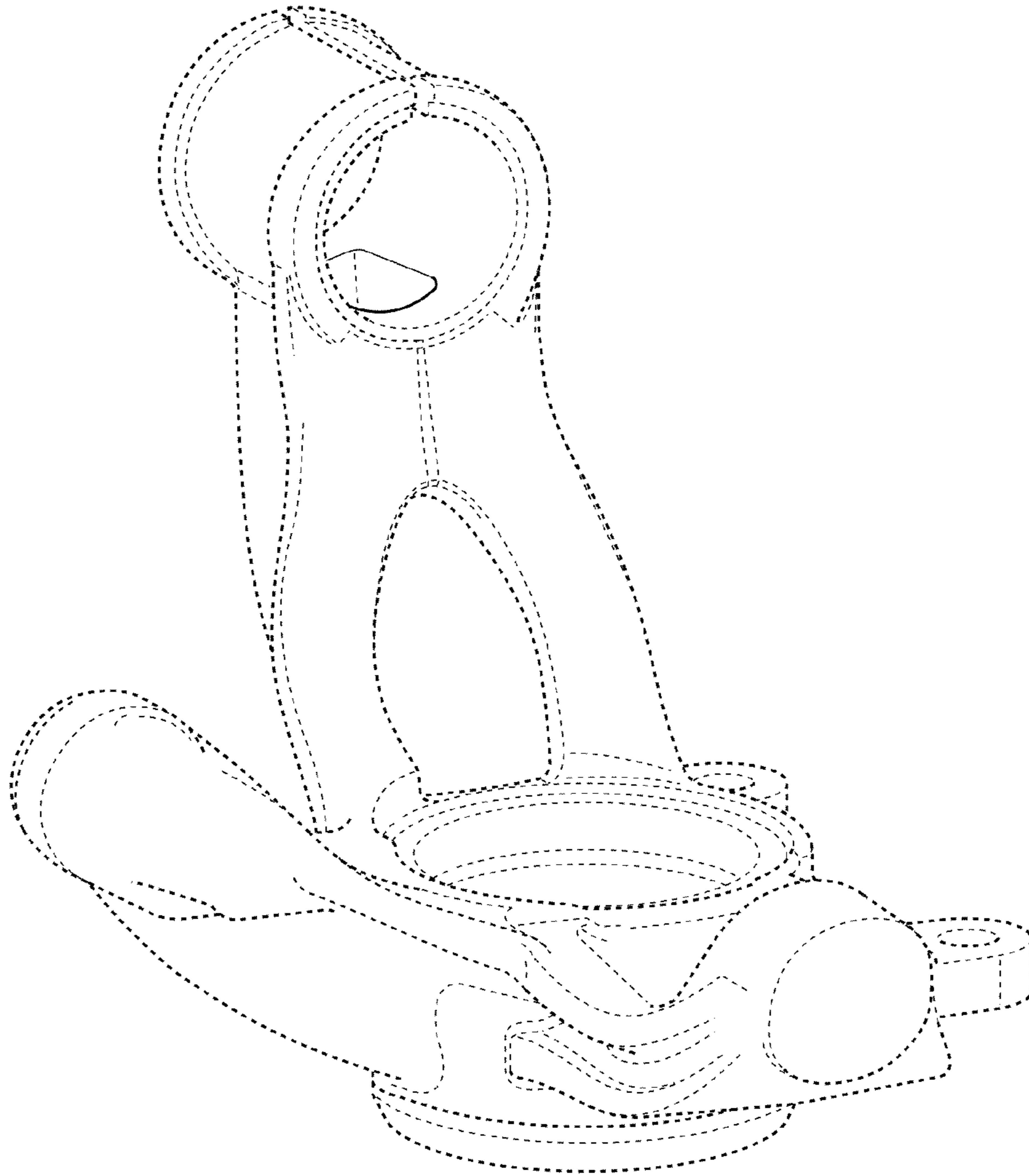


FIG. 12

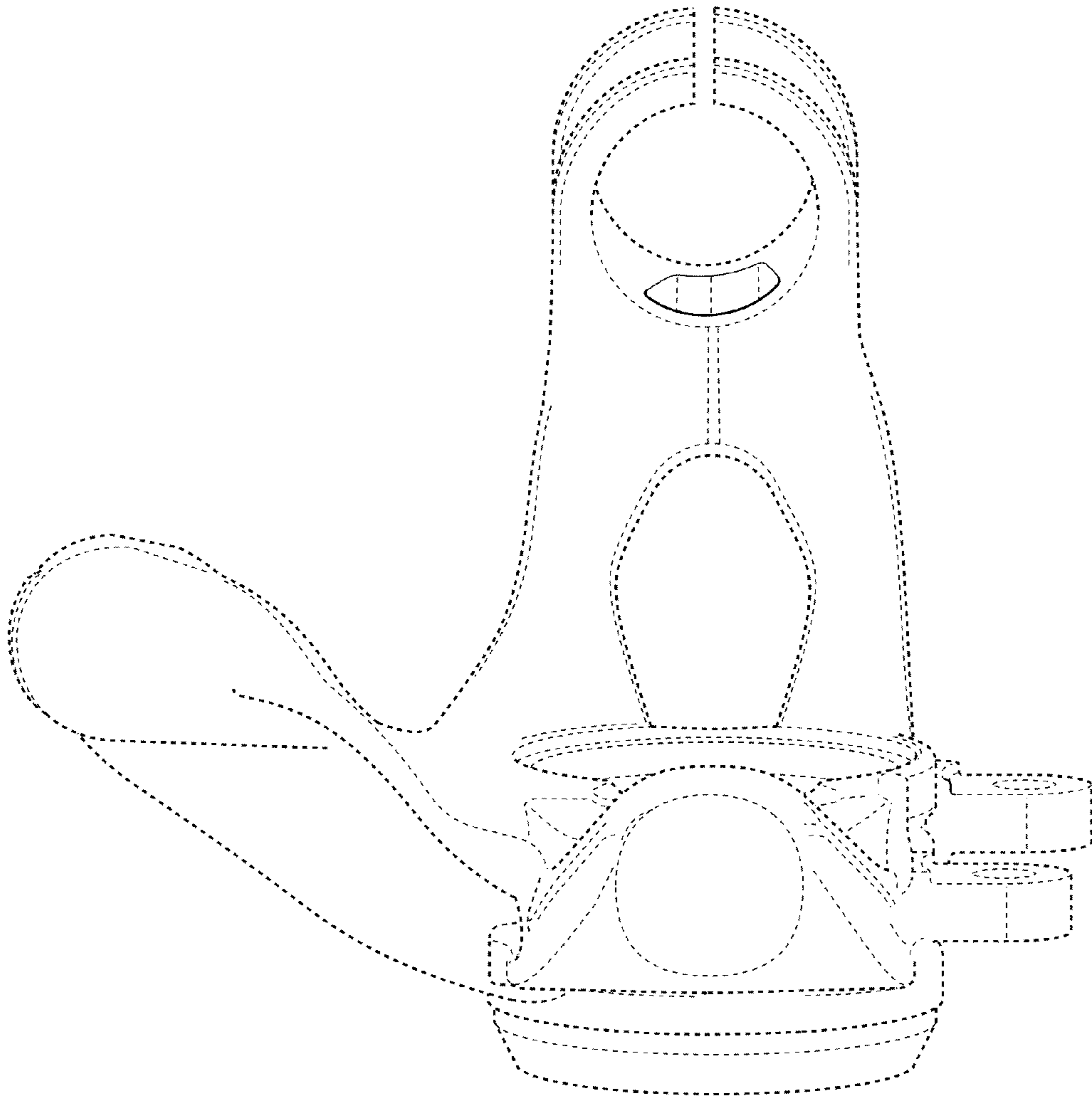


FIG. 13

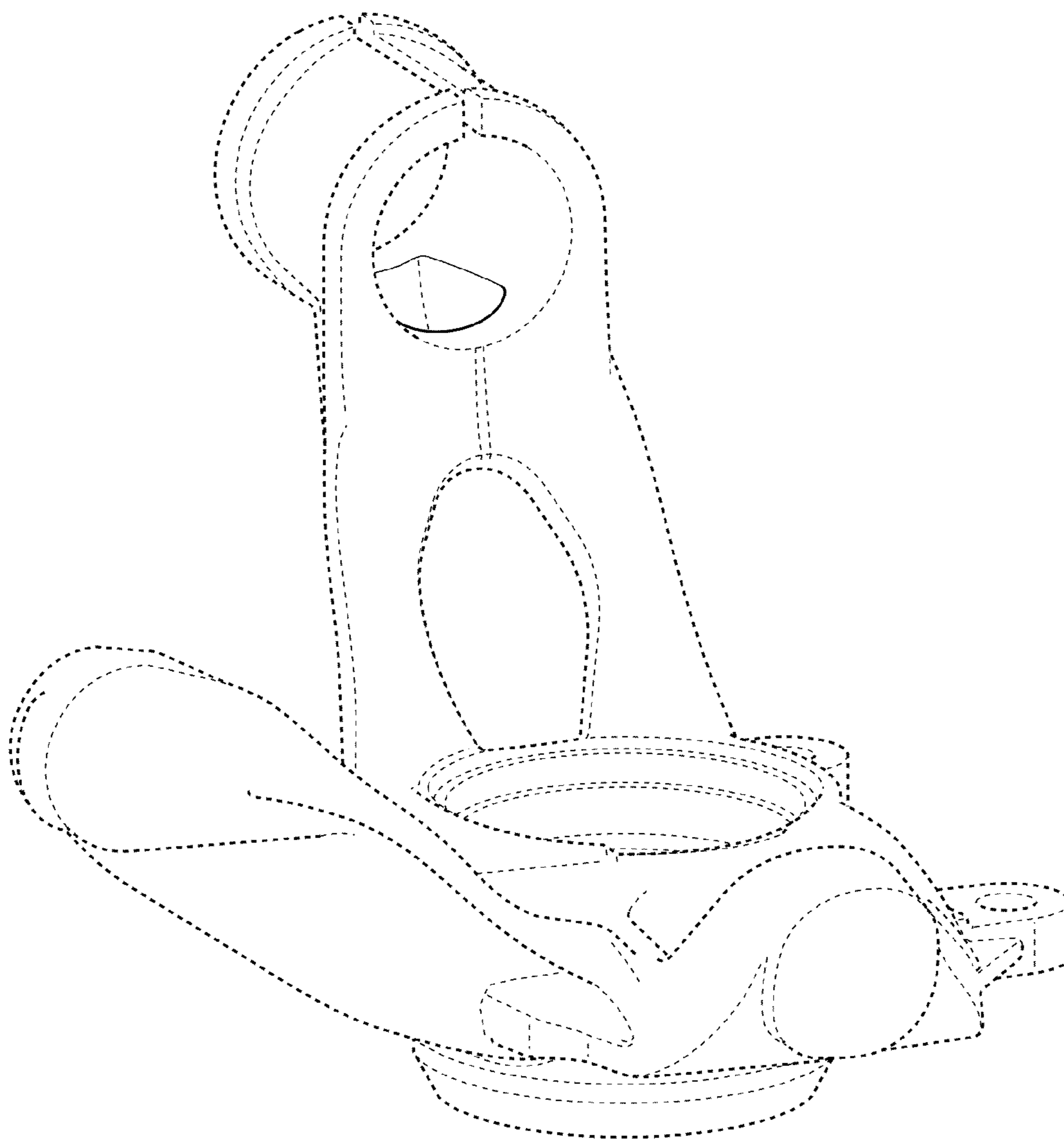


FIG. 14

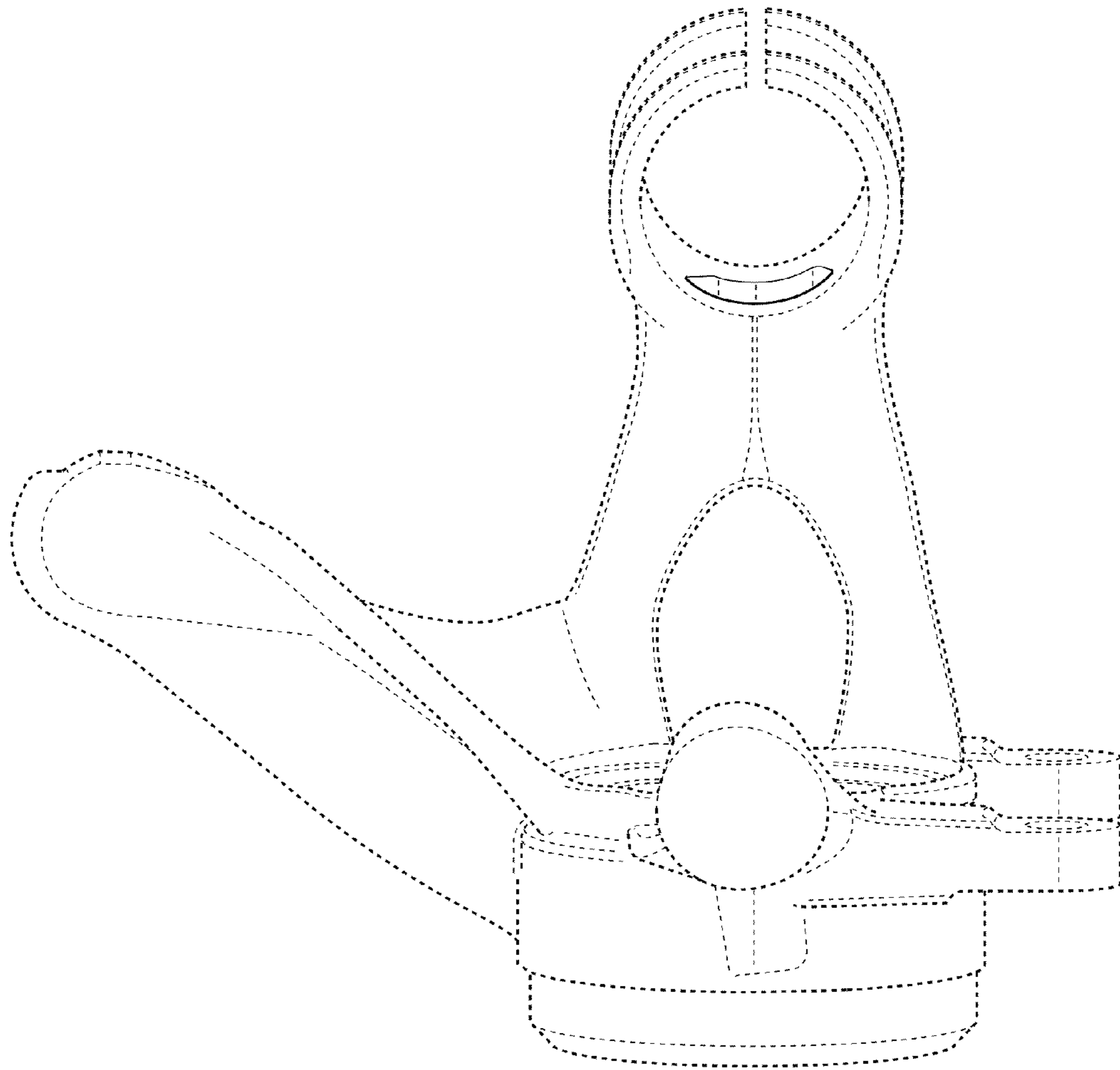


FIG. 15

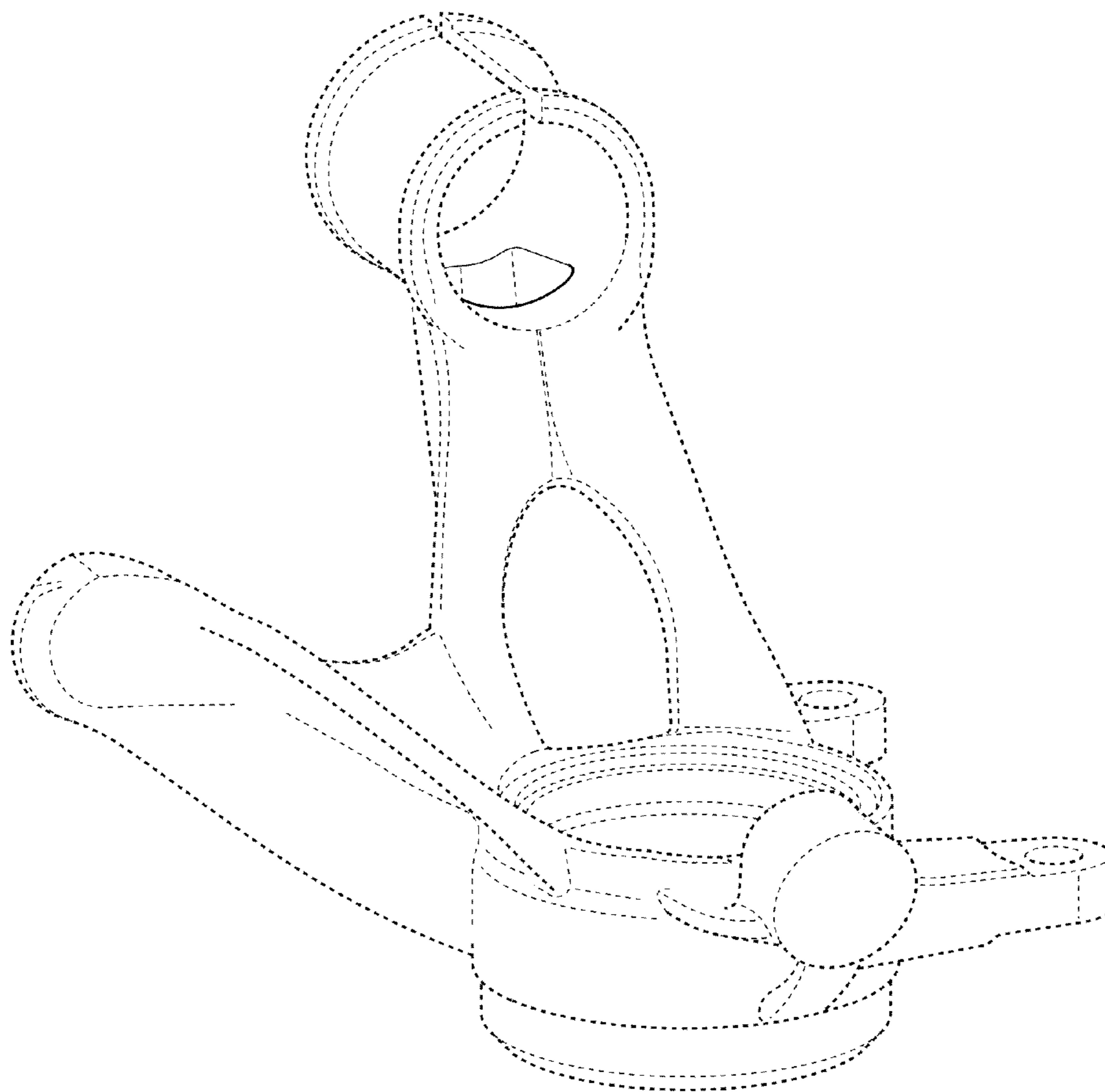


FIG. 16

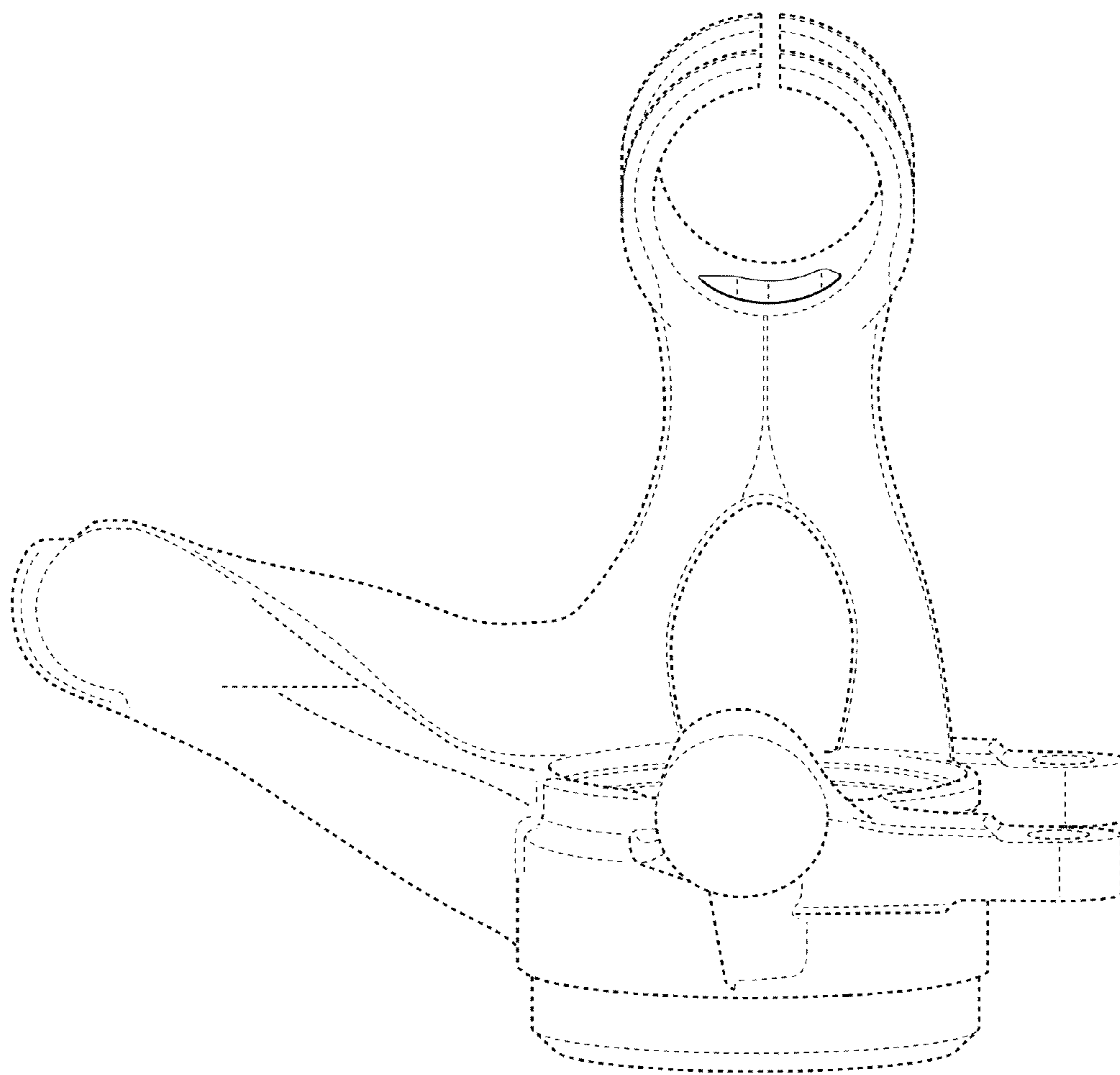


FIG. 17

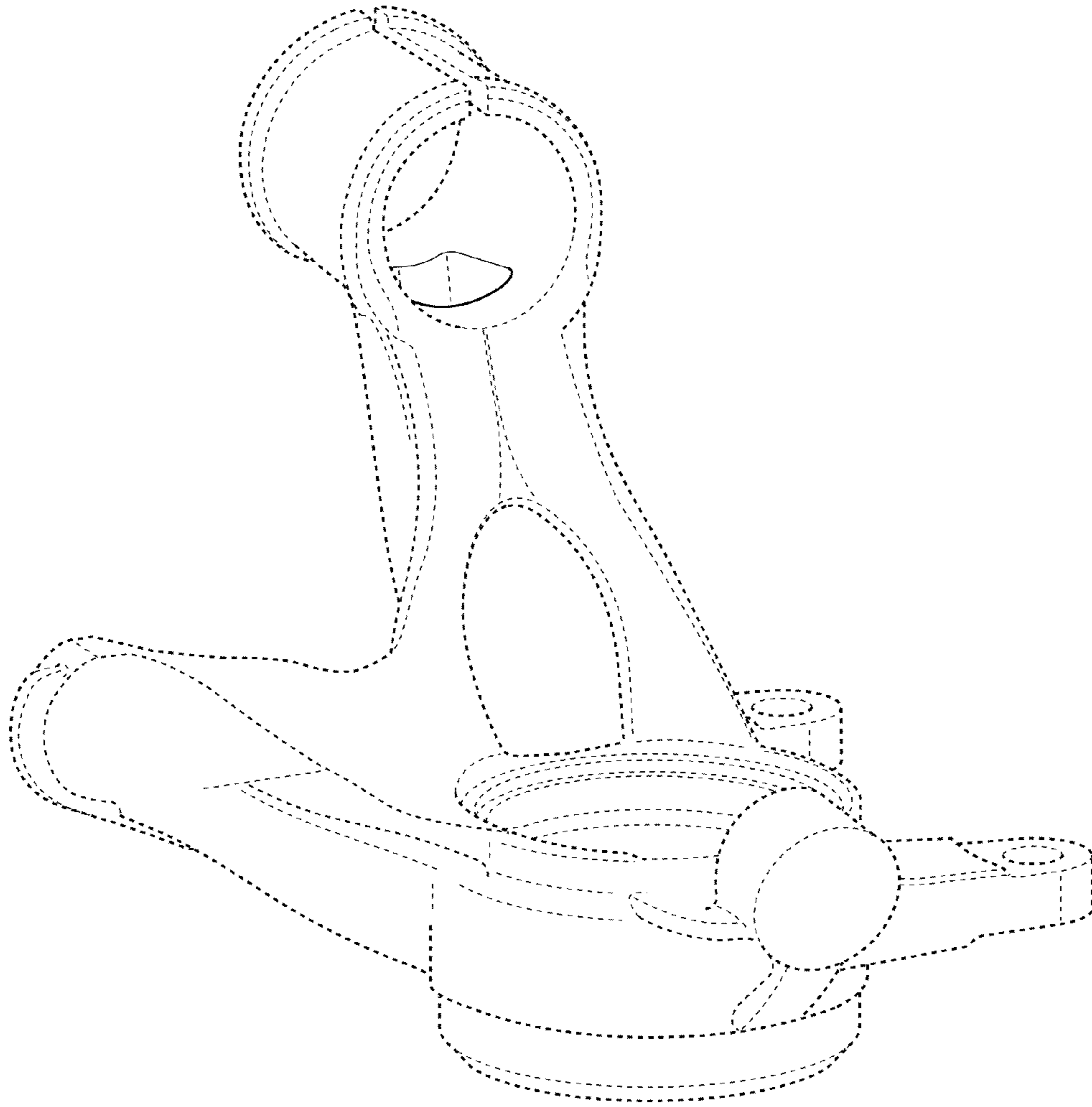


FIG. 18