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(12) **United States Design Patent** (10) **Patent No.:** **US D981,165 S**  
**Liu** (45) **Date of Patent:** **\*\* Mar. 21, 2023**

(54) **PORTABLE STOVE**

(71) Applicant: **Chia Ming Liu**, Douliu (TW)

(72) Inventor: **Chia Ming Liu**, Douliu (TW)

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

(21) Appl. No.: **29/779,951**

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(51) **LOC (14) Cl.** ..... **07-02**

(52) **U.S. Cl.**  
USPC ..... **D7/332**

(58) **Field of Classification Search**

USPC ..... D7/323, 328, 331-341, 346-349,  
D7/350.1-350.4, 351-368, 388, 389, 391,  
D7/393-396, 396.1, 400, 402-412, 450,  
D7/504, 601, 611, 624, 625, 690, 692,  
D7/732, 330; D30/120; D21/312, 362,  
D21/523, 524, 525, 301-309, 387,  
D21/476-489, 699; D22/113; D23/415,  
D23/416

CPC ..... A47J 27/002; A47J 27/04; A47J 27/043;  
A47J 27/10; A47J 27/12; A47J 29/00;  
A47J 29/02; A47J 29/06; A47J 36/00;  
A47J 36/20; A47J 36/22; A47J 36/24;  
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37/04; A47J 37/041; A47J 37/042; A47J  
37/043; A47J 37/06; A47J 37/061; A47J  
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A47J 37/067; A47J 37/0676; A47J  
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A47J 37/07; A47J 37/0704; A47J  
37/0718; A47J 37/0763; A47J 37/105;

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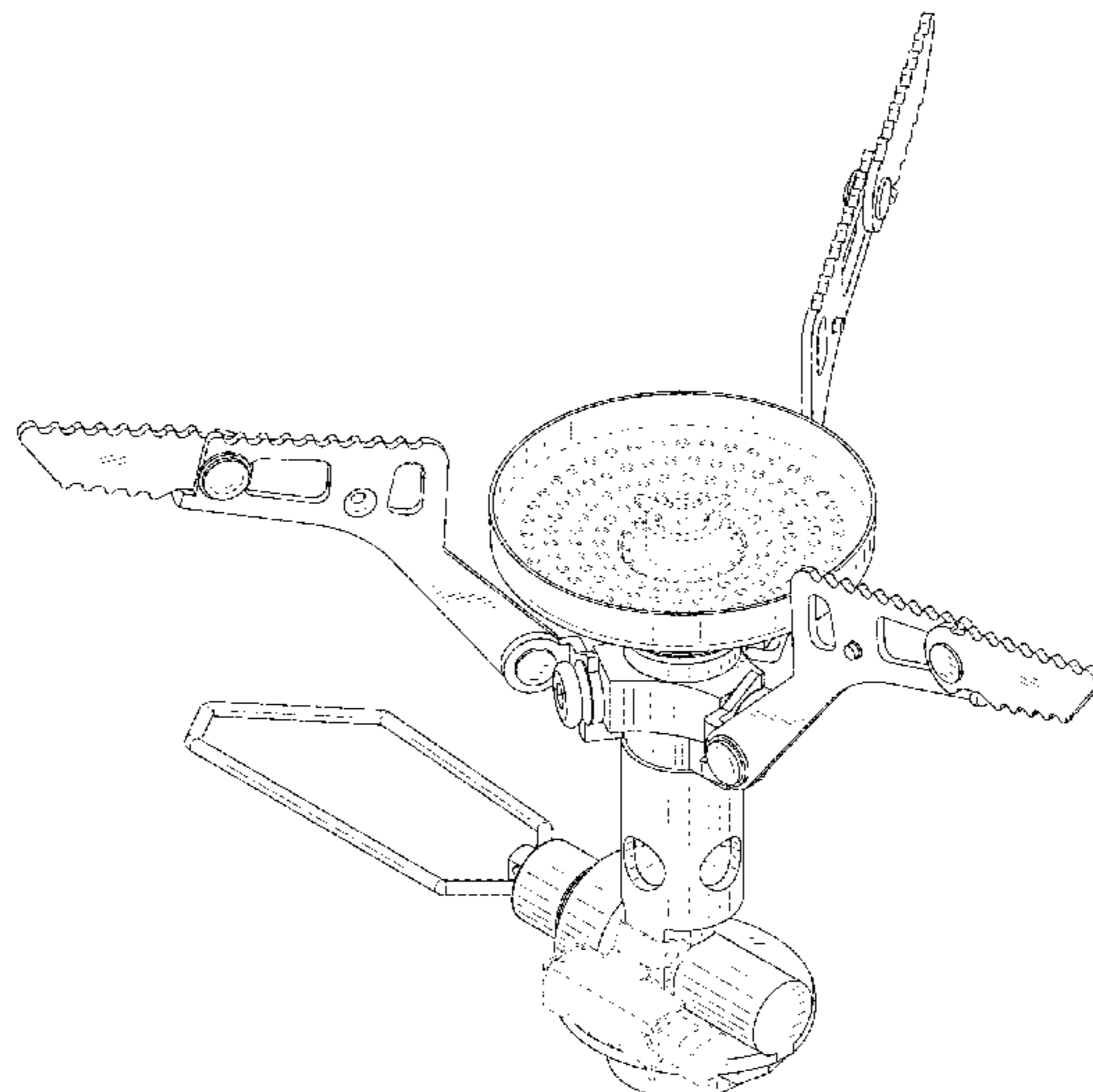
(57) **CLAIM**

The ornamental design for a portable stove, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a portable stove, showing my new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is an operational perspective view of the portable stove showing that a support of the portable stove is folded. The broken lines shown in the drawings depict portions of the article that form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... A47J 37/108; A47J 37/1204; A47J  
 2037/0795; F24C 3/002; F24C 3/004;  
 F24C 3/082; F24C 3/085; F24C 7/04;  
 F24C 11/00; F24C 15/16; F24C 15/166;  
 F24C 15/18; F24C 3/00; F24C 1/14;  
 F24C 5/20; F24B 1/182; F23D 14/28

See application file for complete search history.

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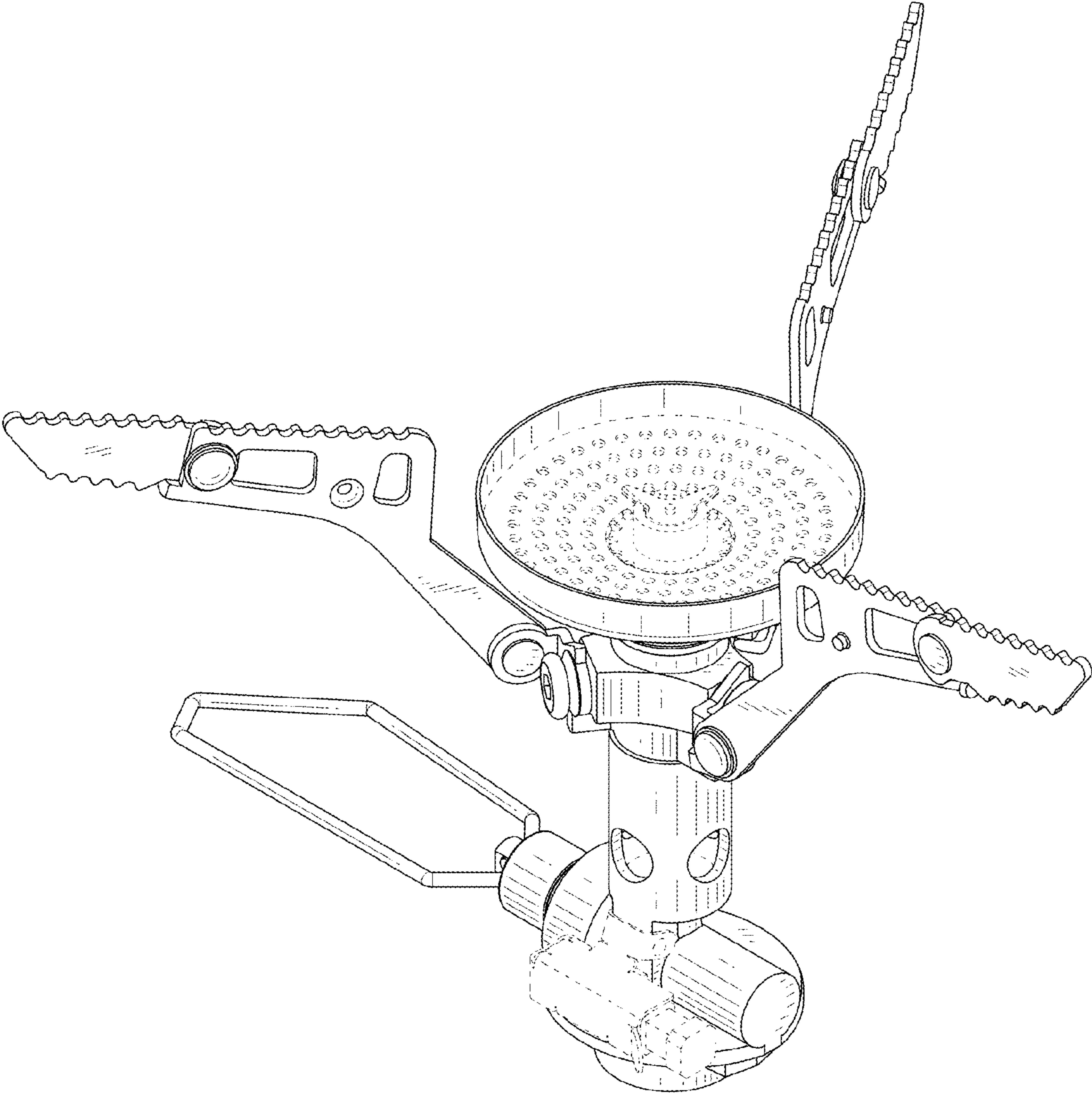


FIG.1

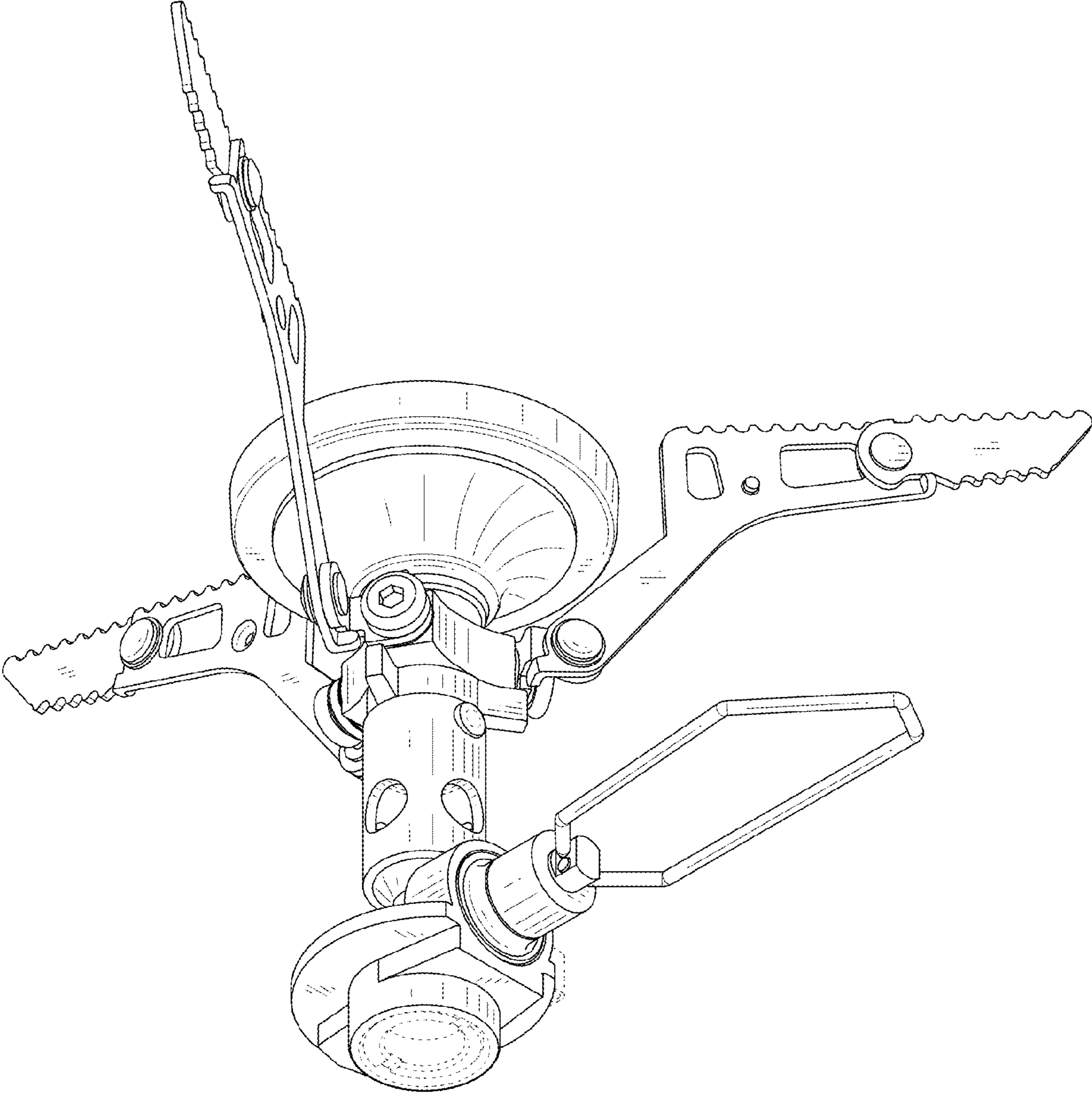


FIG.2

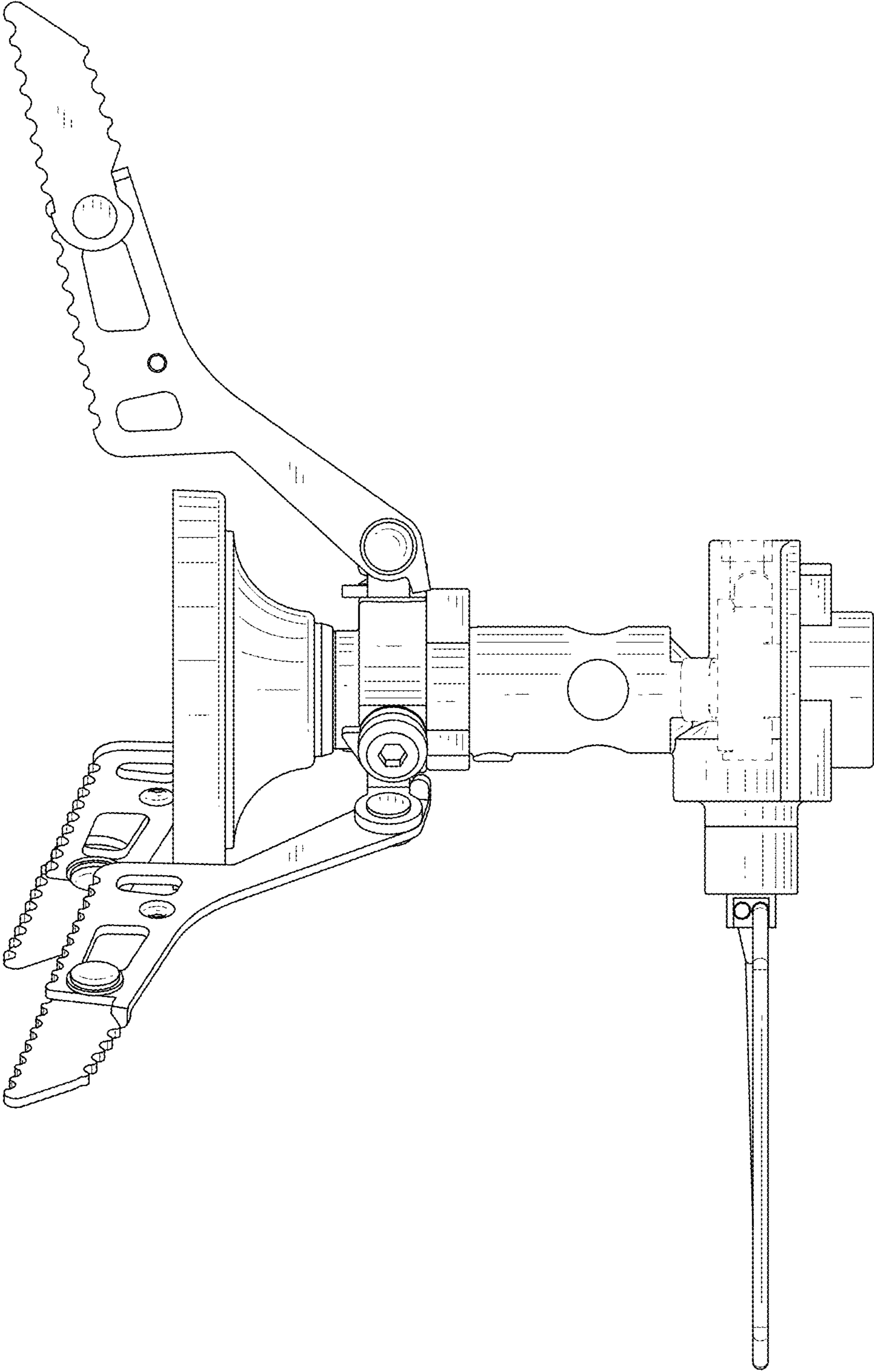


FIG.3

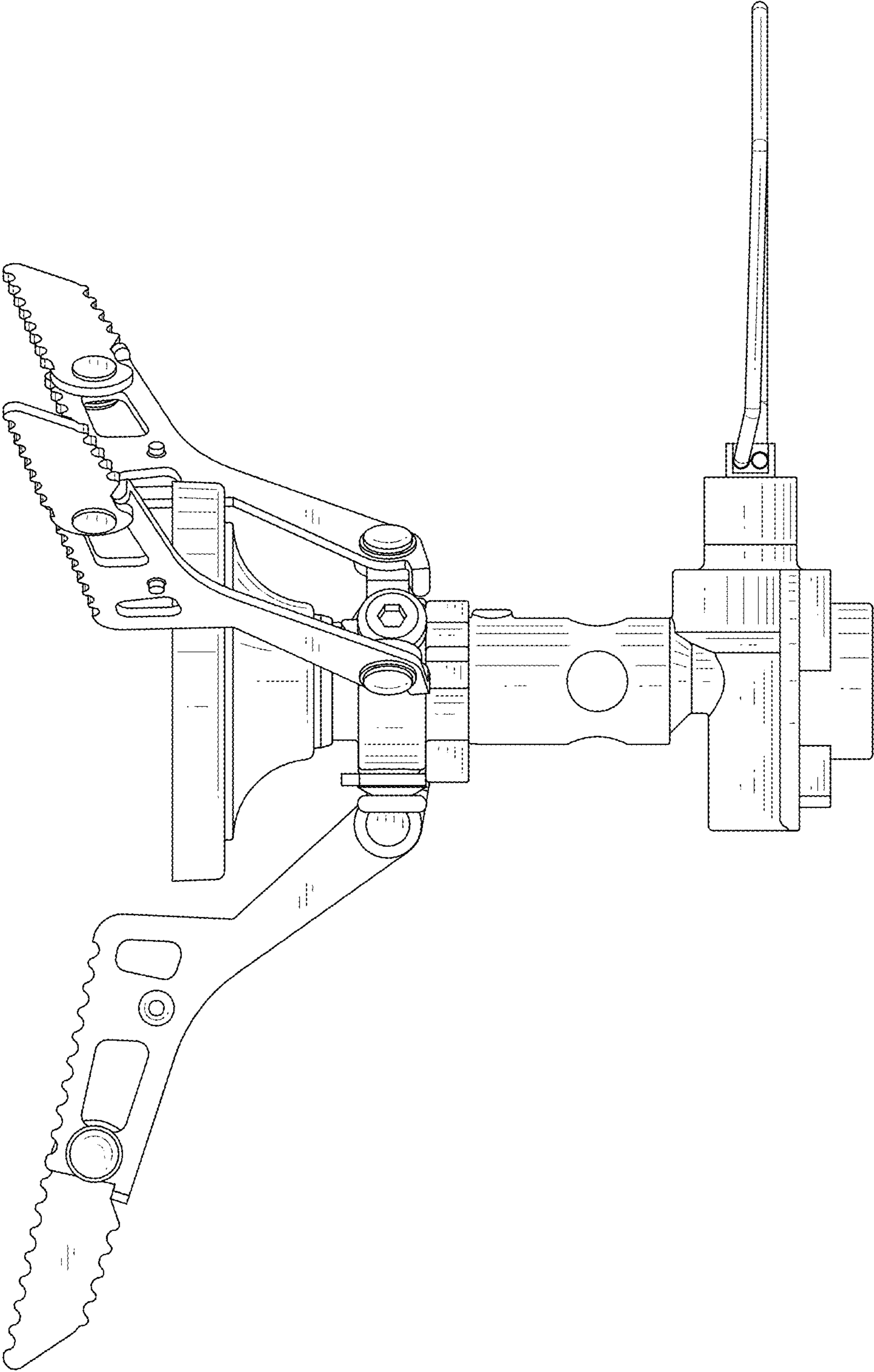


FIG.4

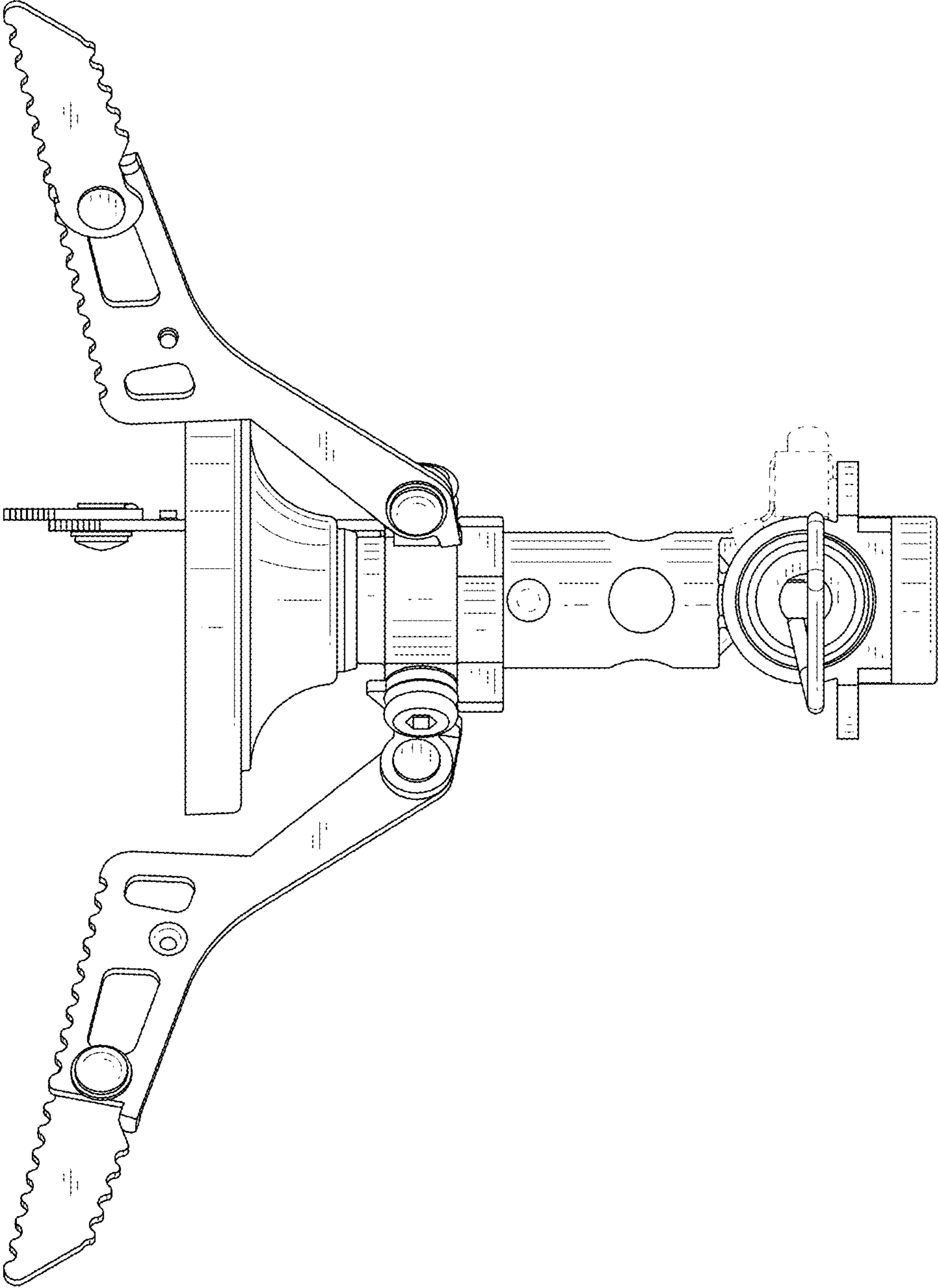


FIG.5

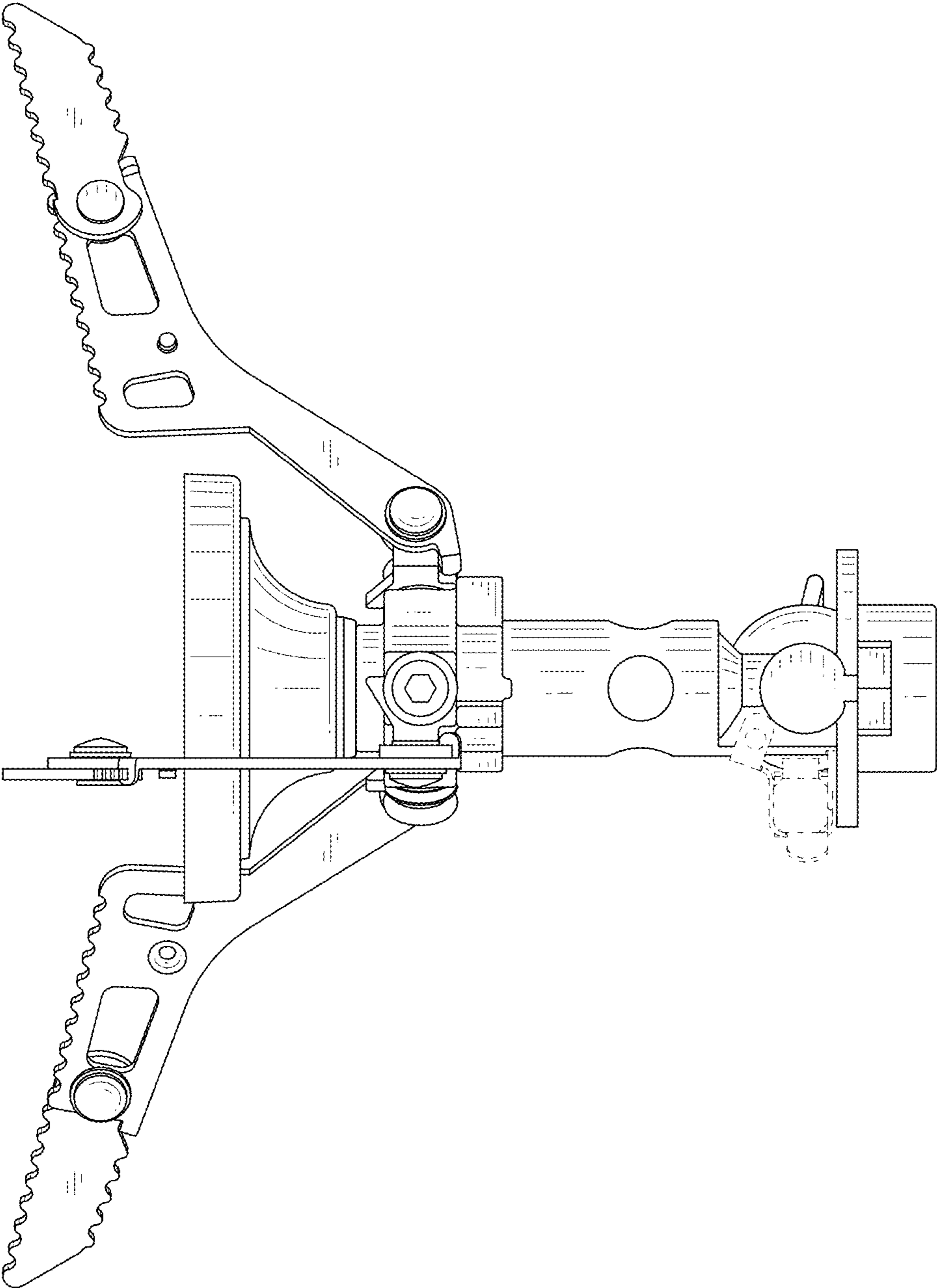


FIG.6



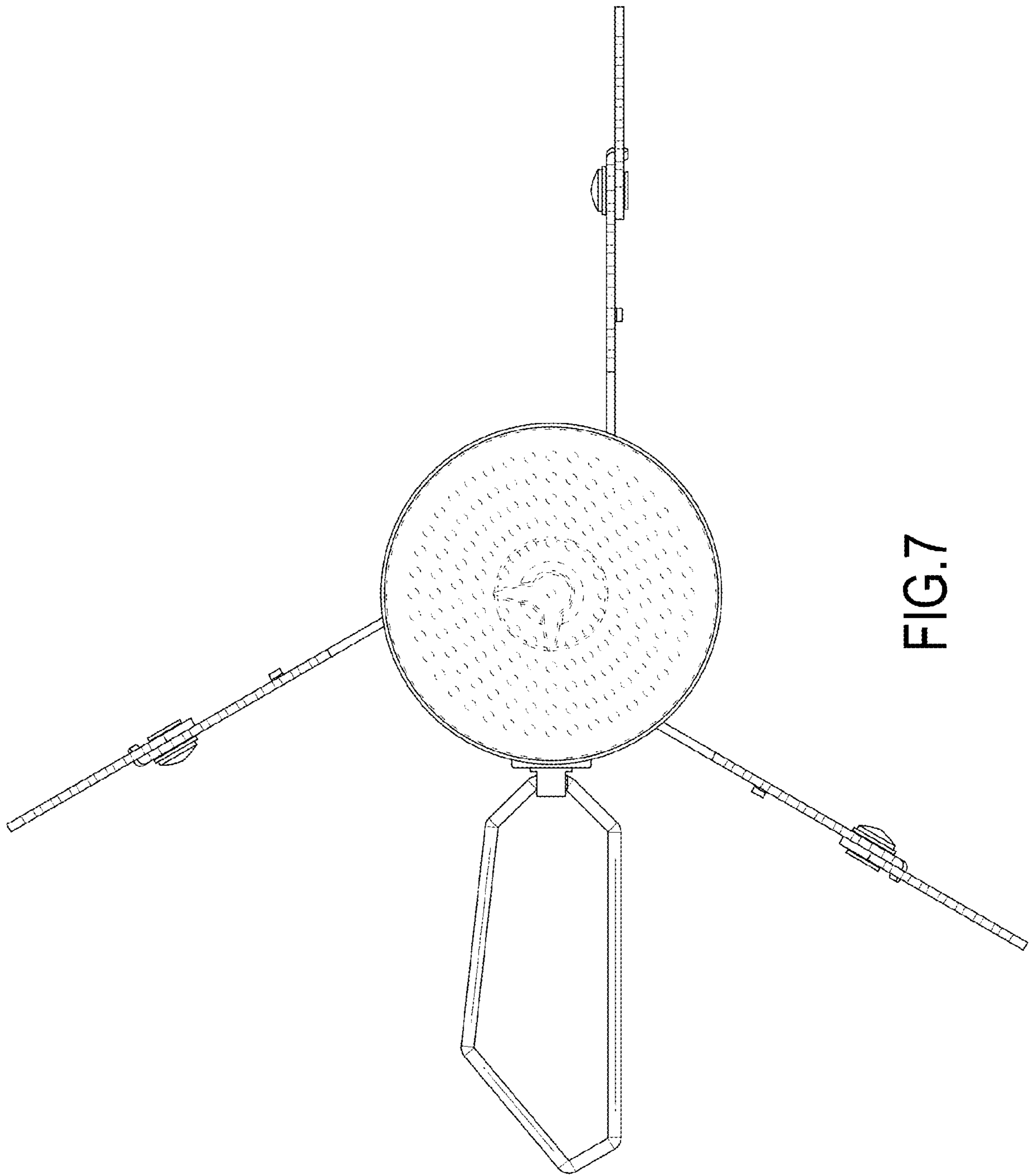


FIG.7

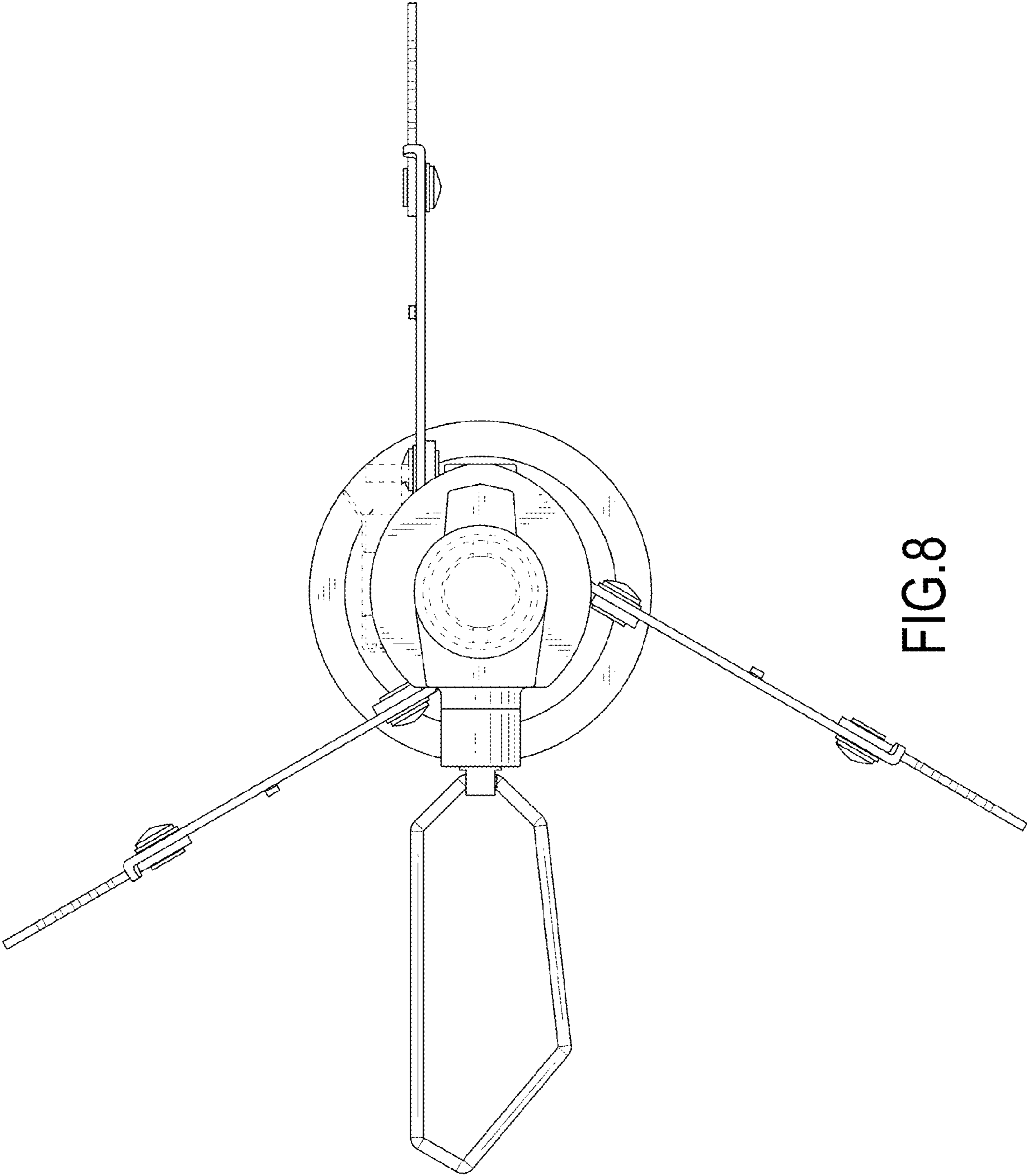


FIG.8

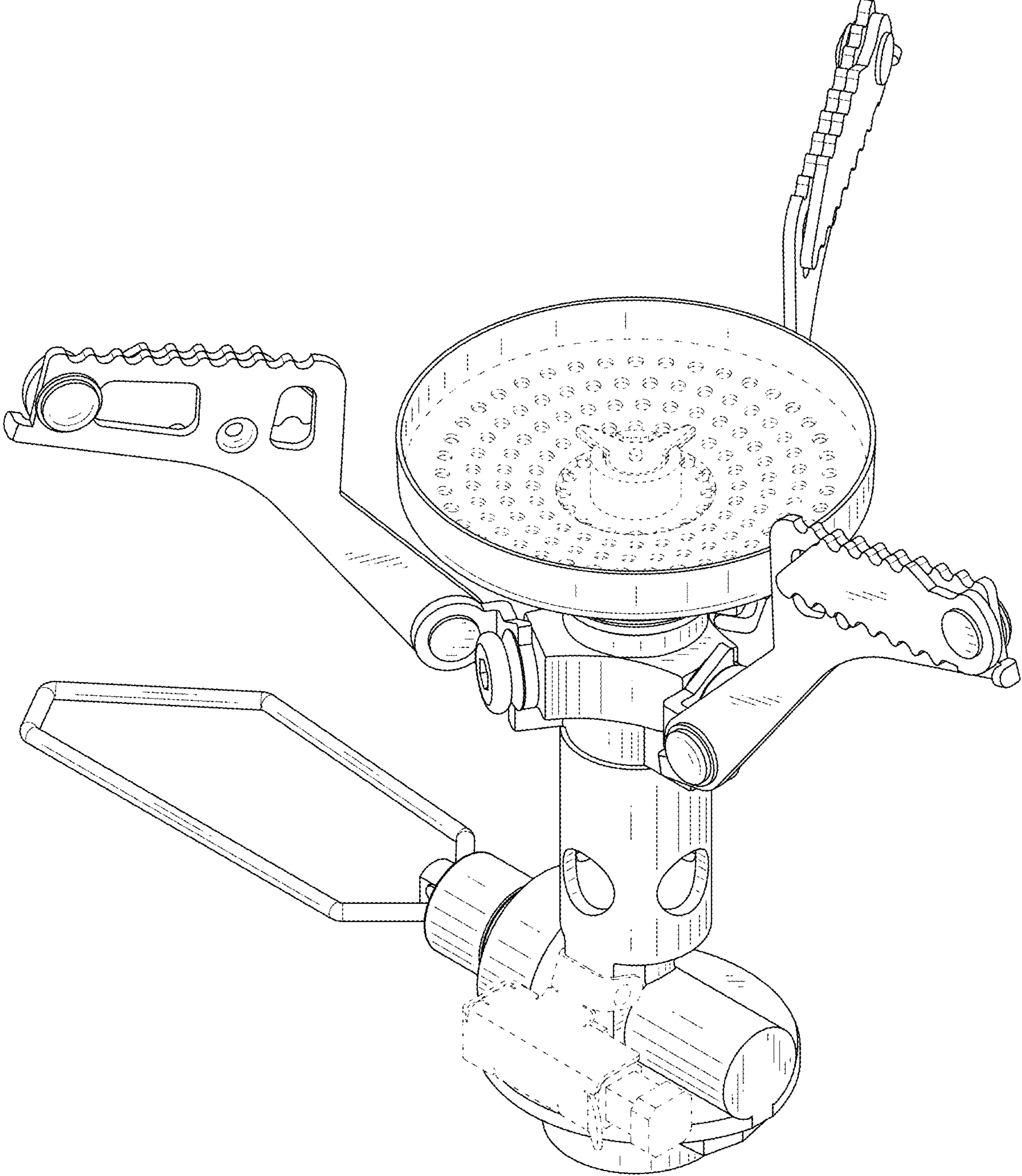


FIG.9