

US00D804277S

(12) **United States Design Patent** (10) **Patent No.:** **US D804,277 S**
Lu (45) **Date of Patent:** **** Dec. 5, 2017**

(54) **HINGE**

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

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(51) **LOC (10) Cl.** **08-06**

(52) **U.S. Cl.**
USPC **D8/323**

(58) **Field of Classification Search**

USPC D8/323, 340, 343, 333, 325, 329, 336;
292/264; 16/387, 382, 281, 386, 211;
248/213

CPC E05D 1/04; E05D 11/1014; E05D 11/00;
E05B 73/007; E05B 65/50; E05C 17/365;
E05C 17/36; E05C 17/025; B21D 53/40;
F16M 13/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D140,298 S * 2/1945 Wilson D8/323
D222,234 S * 10/1971 Imber D8/323
4,382,312 A * 5/1983 Liggett E05D 3/06
16/288
D335,622 S * 5/1993 Millsap D8/323
6,134,751 A * 10/2000 Carrier E05D 15/44
16/235

D458,626 S * 6/2002 Desbierz-Piat D16/334
D500,660 S * 1/2005 Larner D8/323
7,100,245 B2 * 9/2006 Wohlfarth E05D 3/10
16/367
8,225,460 B2 * 7/2012 Hooton E05D 3/10
16/309
D683,609 S * 6/2013 Frank D8/323
D715,620 S * 10/2014 Tung D8/323
D717,633 S * 11/2014 Lu D8/323
D717,634 S * 11/2014 Lu D8/323
D719,434 S * 12/2014 Lu D8/323
D719,810 S * 12/2014 Lu D8/323
D744,313 S * 12/2015 Lu D8/323
D744,808 S * 12/2015 Lu D8/323
D744,809 S * 12/2015 Lu D8/323
D758,164 S * 6/2016 Lu D8/323
D784,795 S * 4/2017 Ravaioli D8/355
2016/0040463 A1 * 2/2016 Gramstad E05D 5/128
16/382

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(57) **CLAIM**

The ornamental design for a hinge, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a hinge showing my new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a top plan view thereof;

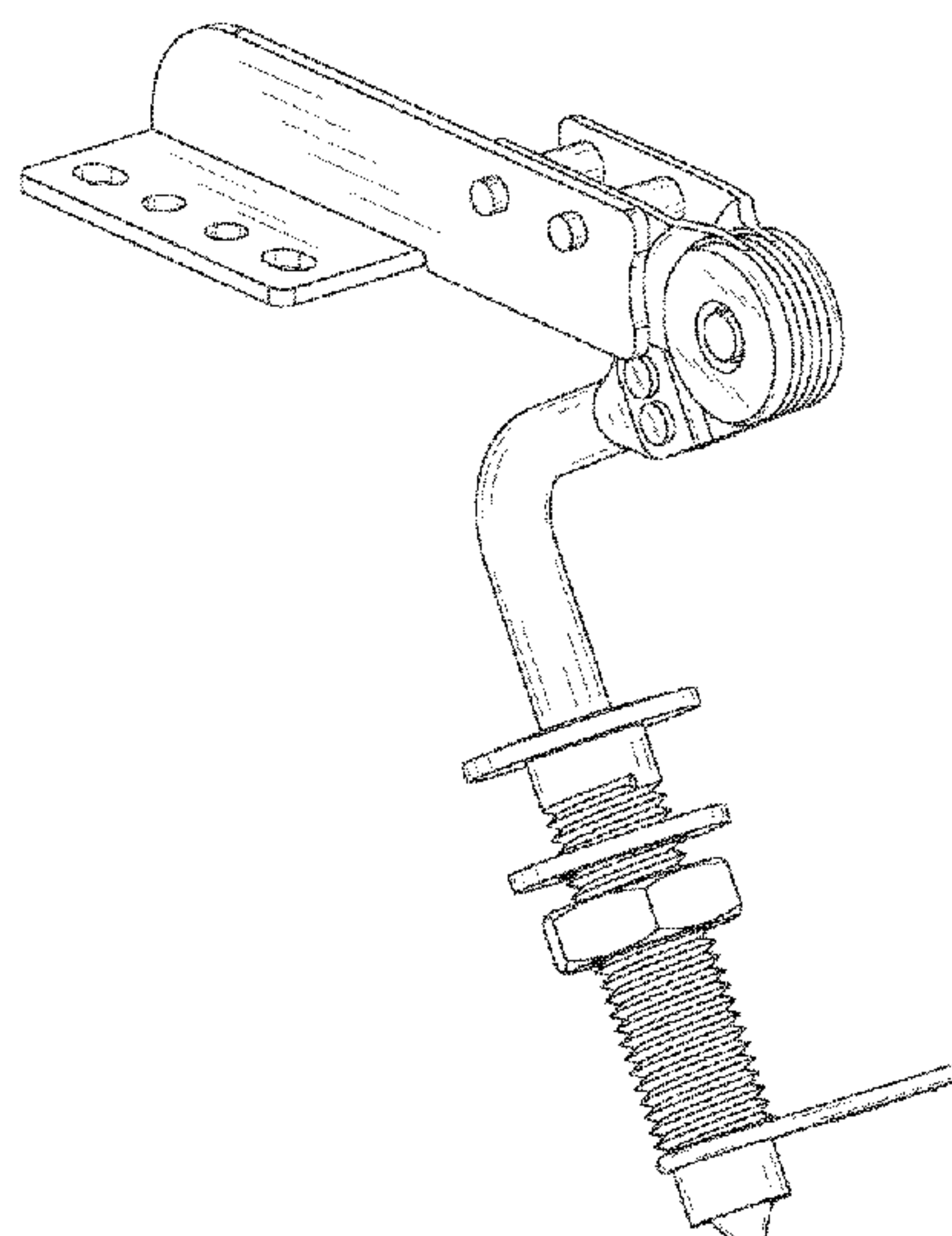
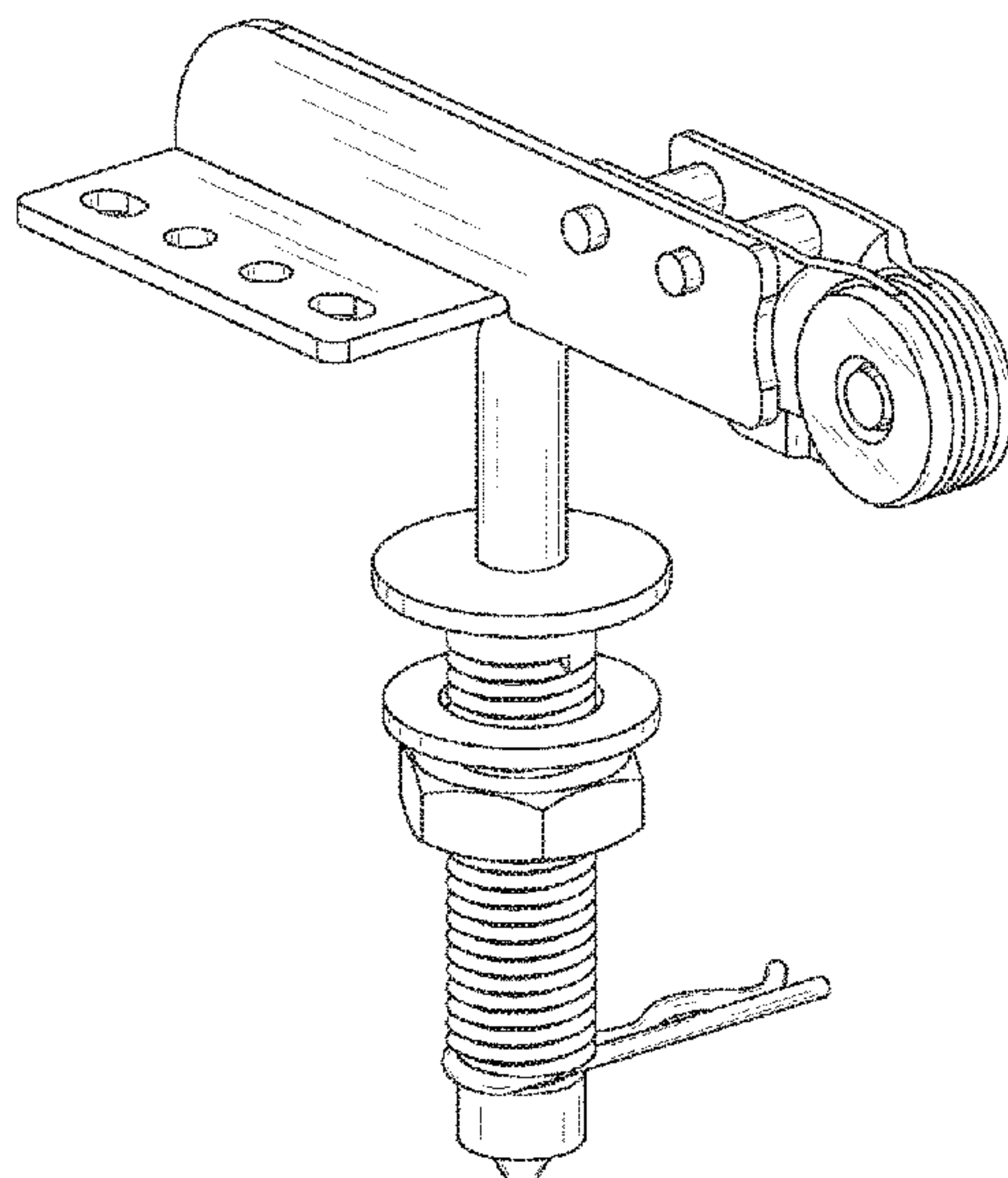
FIG. 6 is a bottom plan view thereof;

FIG. 7 is a first perspective view thereof shown in a first position;

FIG. 8 is a second perspective view thereof shown in the first position; and,

FIG. 9 is a second perspective view thereof shown in a second position.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2016/0040464 A1 * 2/2016 Lu B60N 2/4852
16/250

* cited by examiner

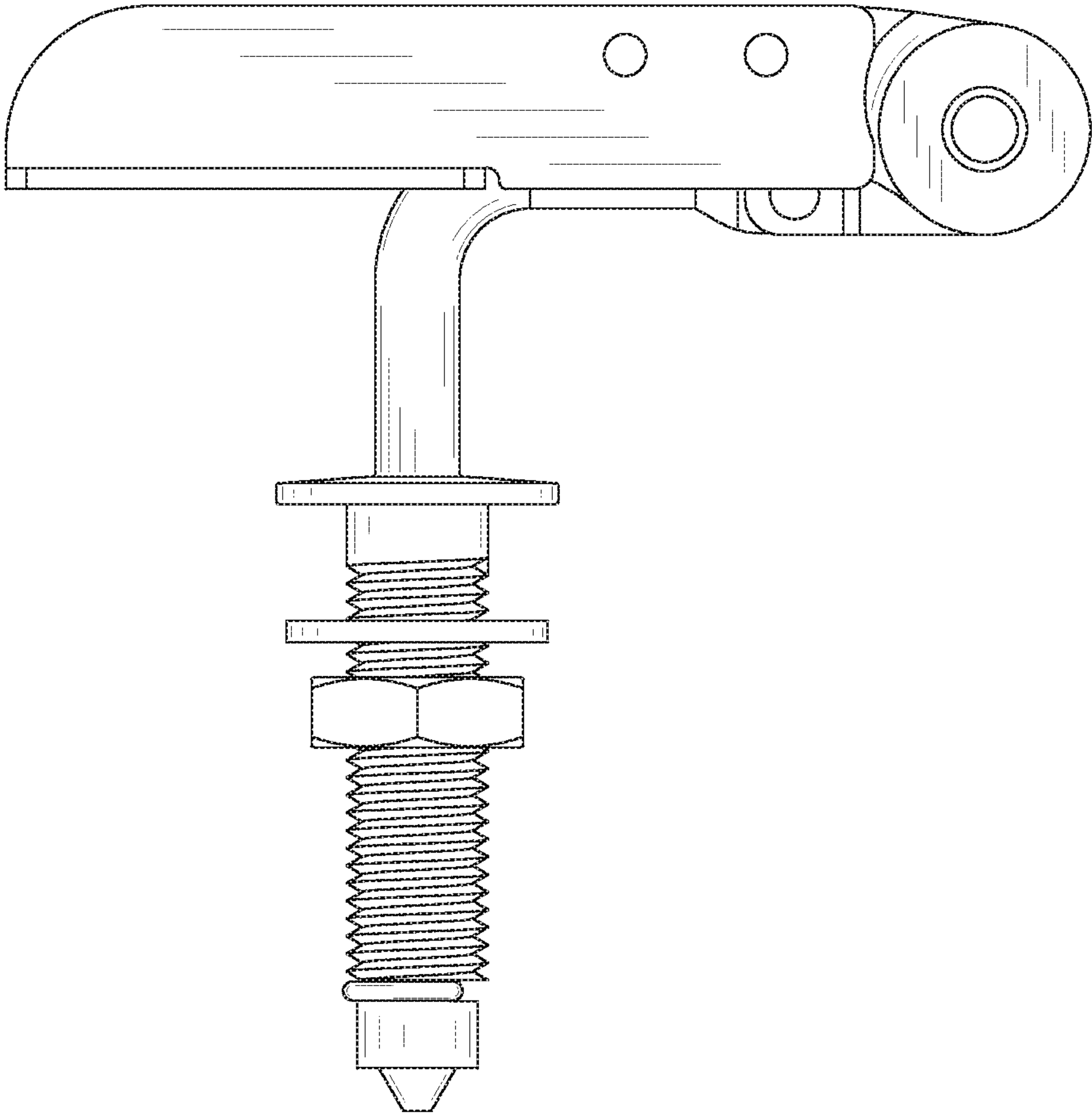


FIG.1

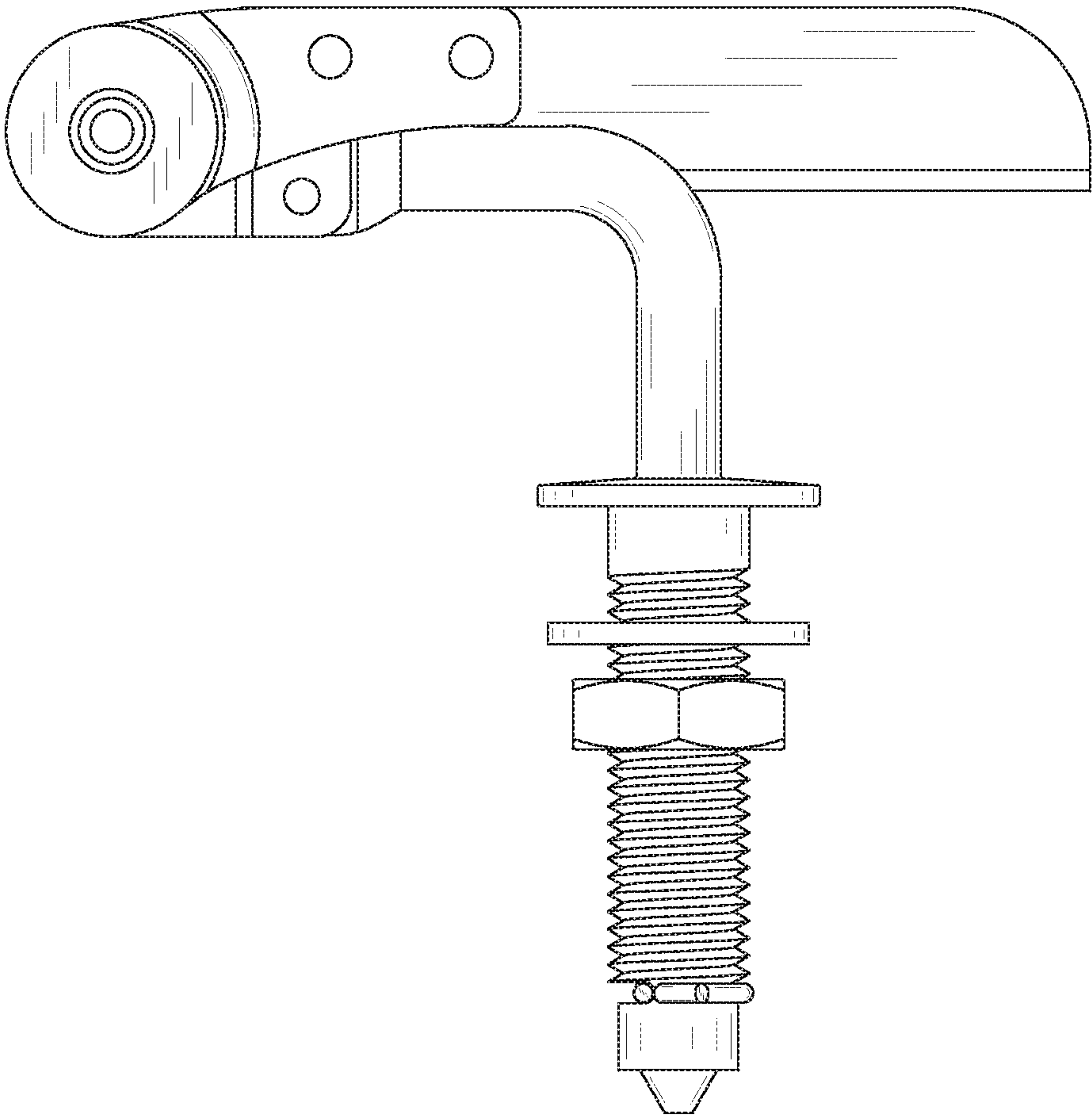


FIG.2

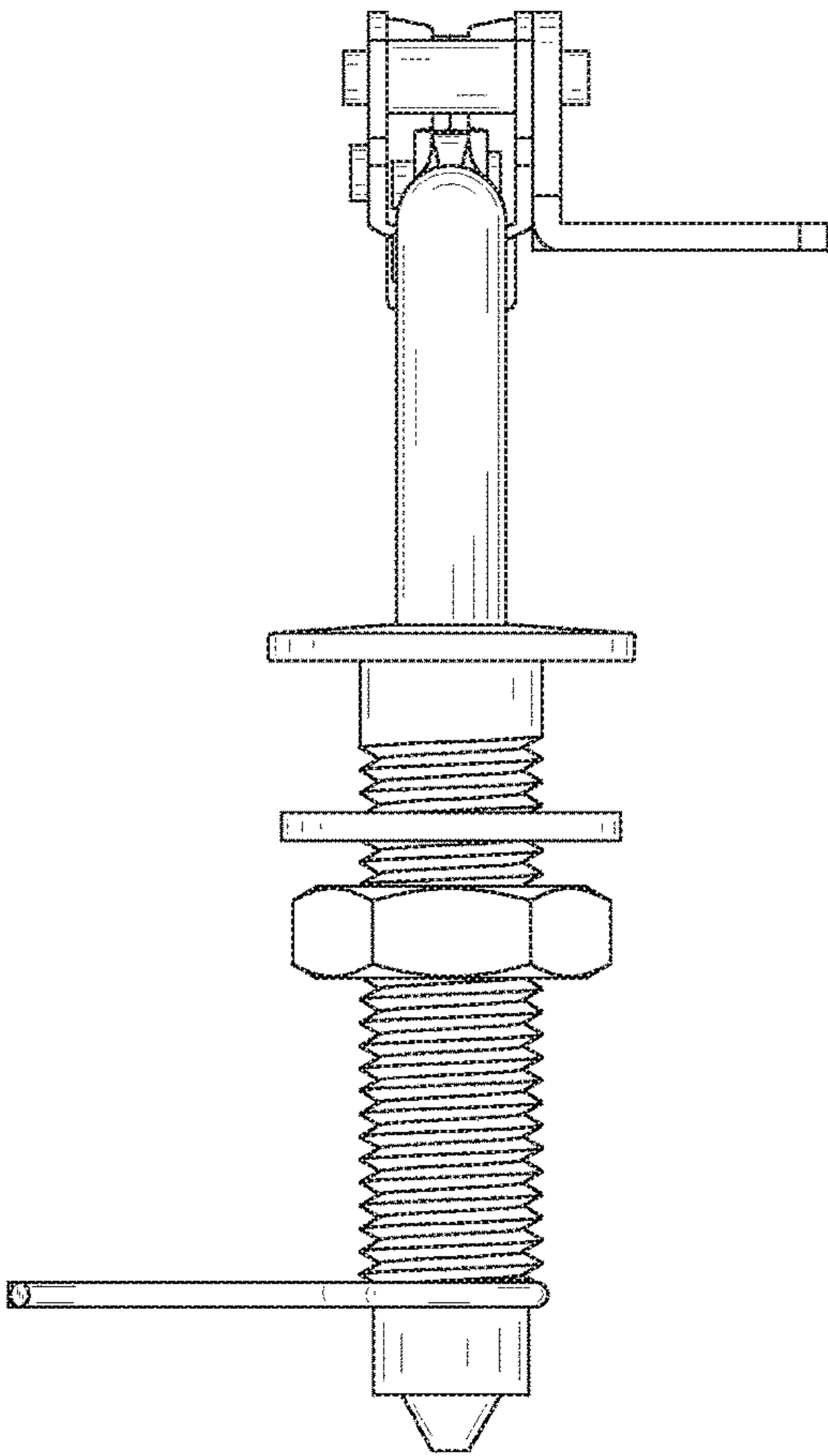


FIG.3

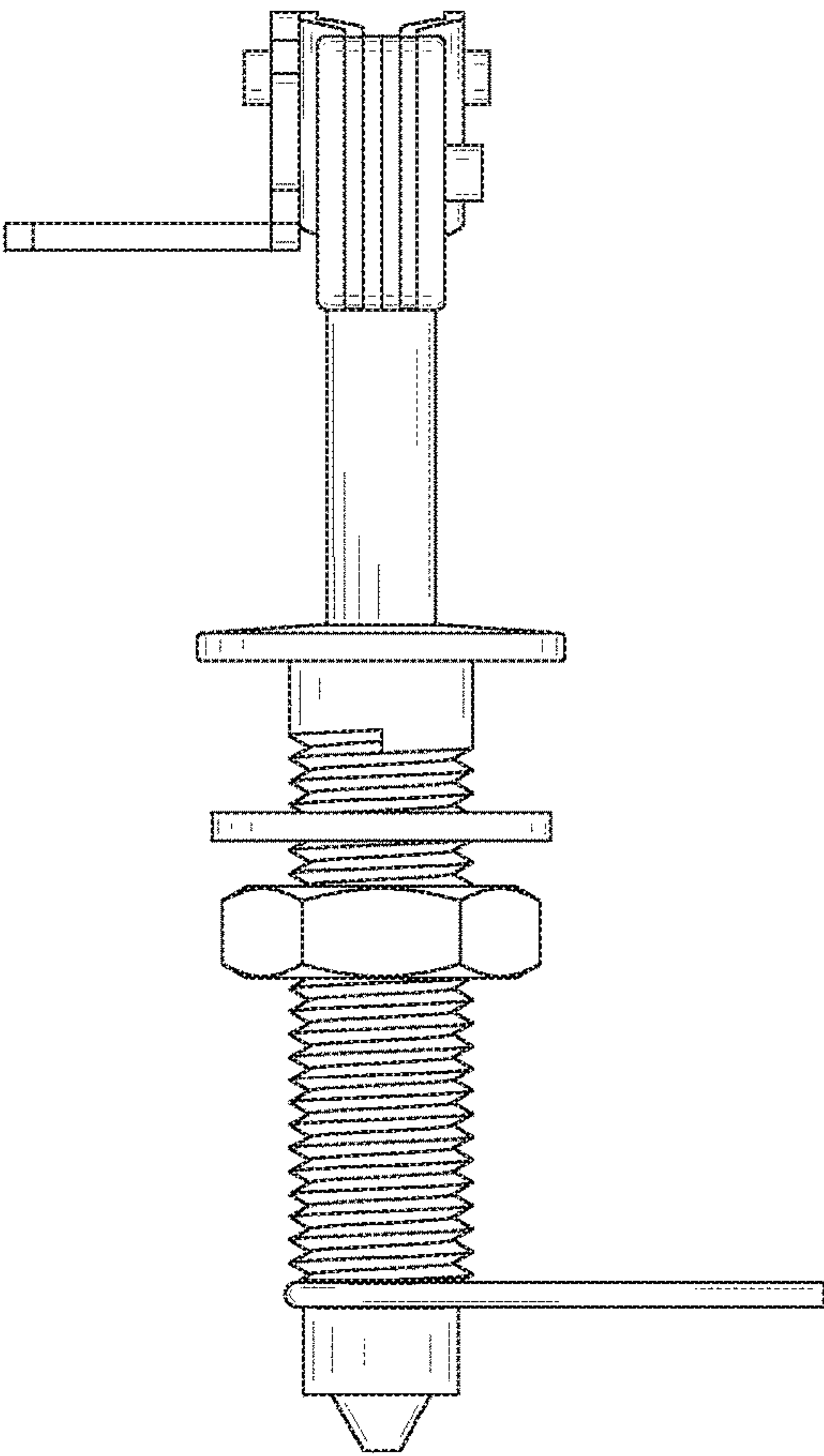


FIG.4

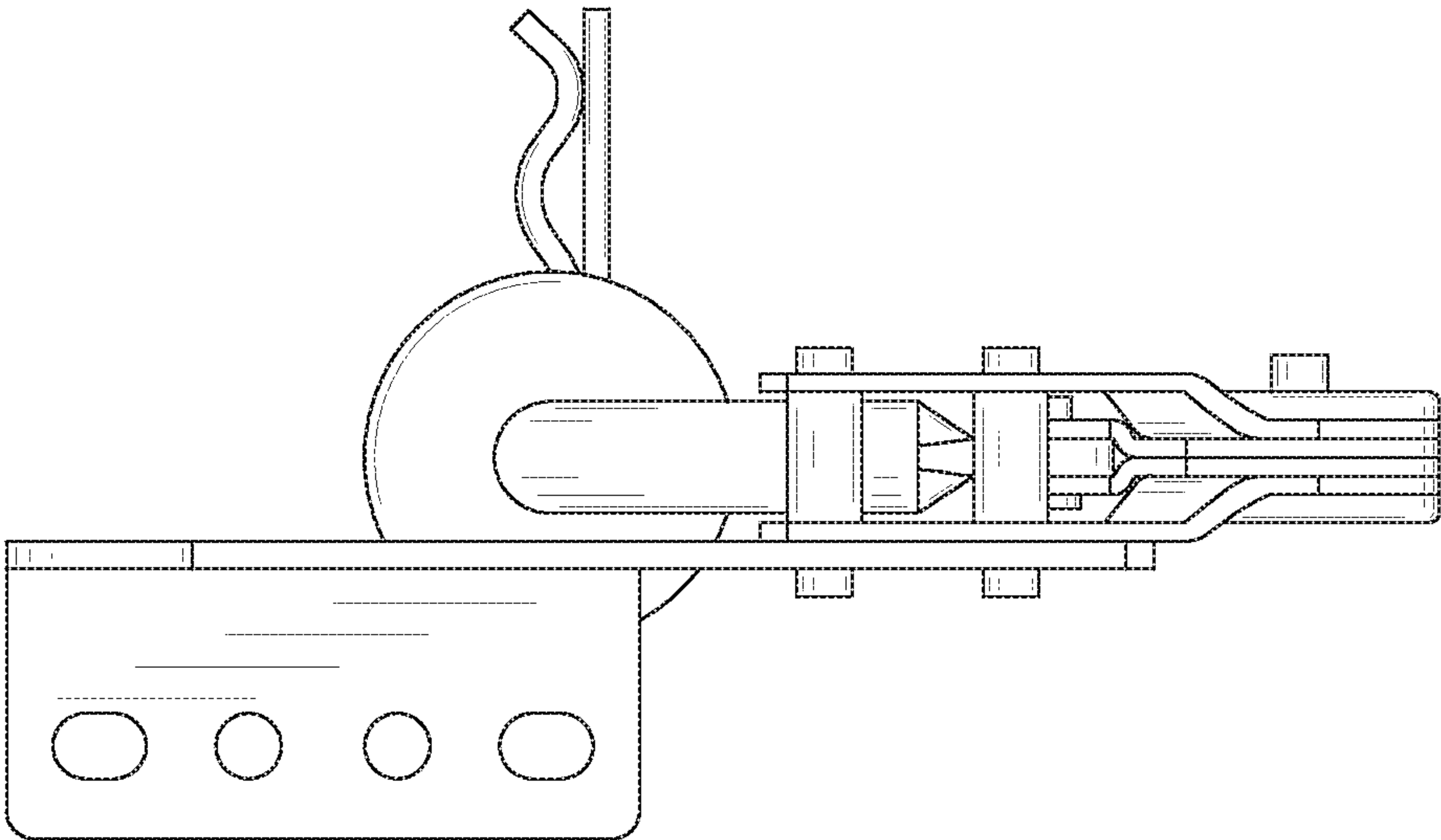


FIG.5

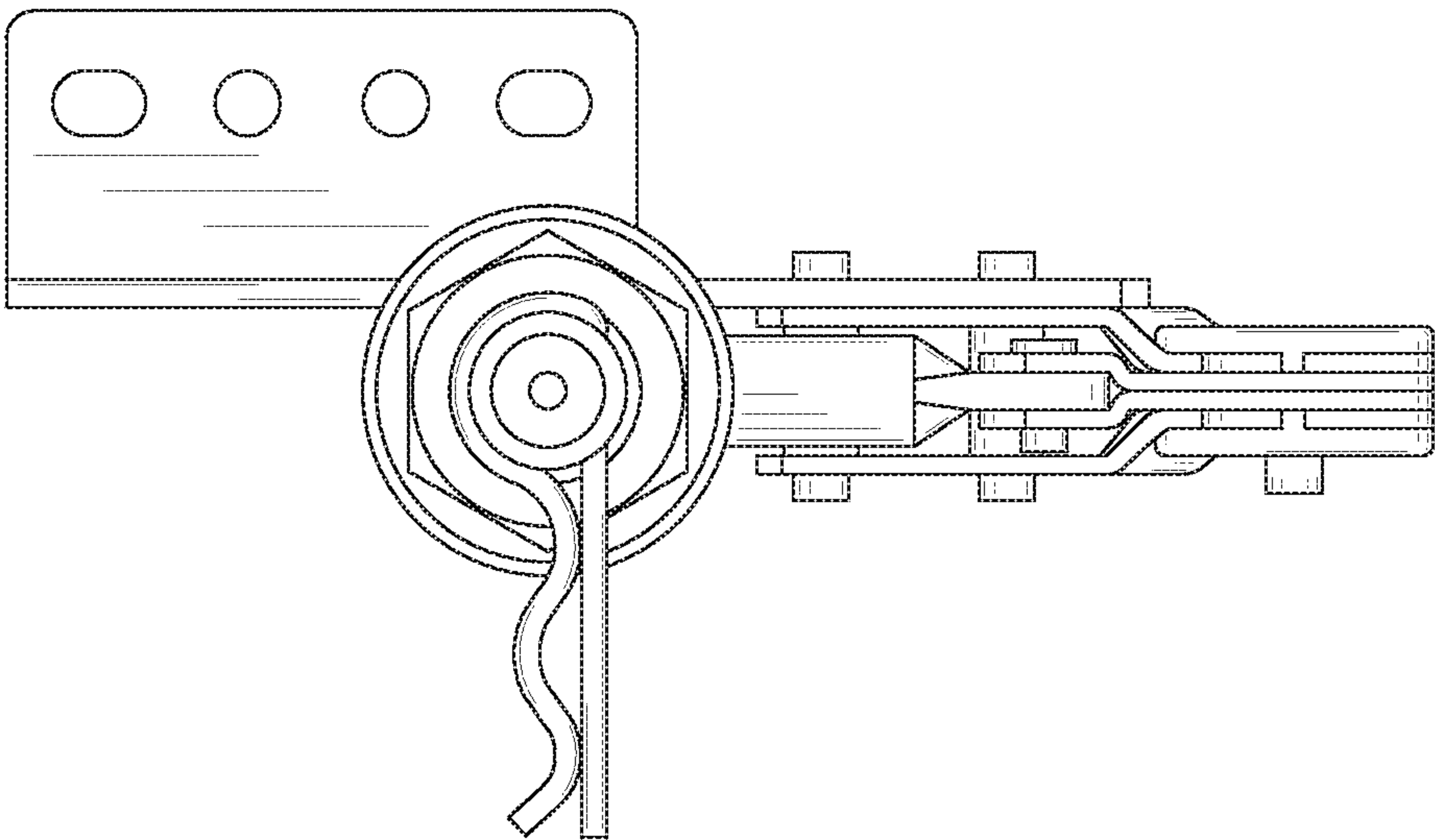


FIG.6

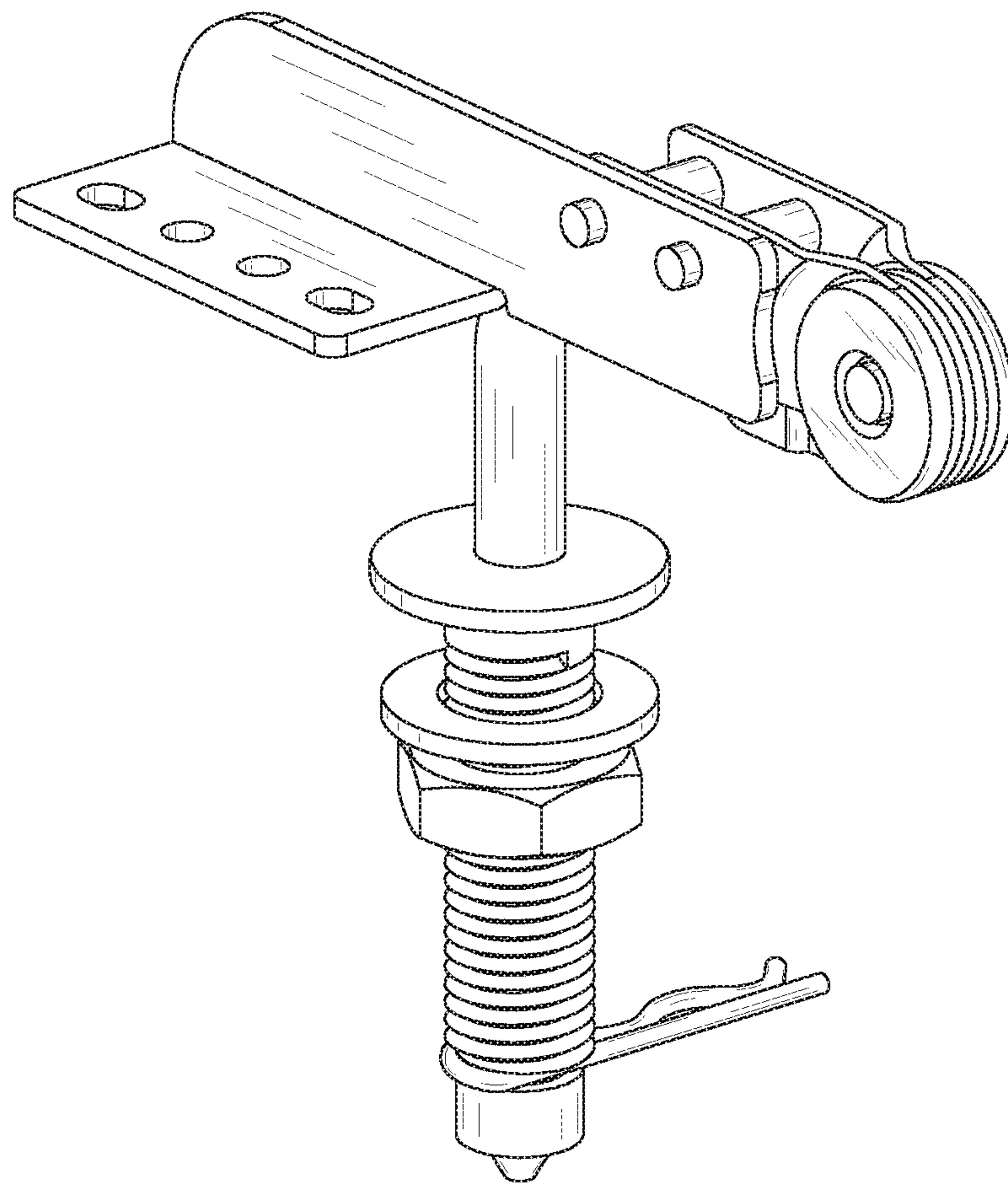


FIG.7

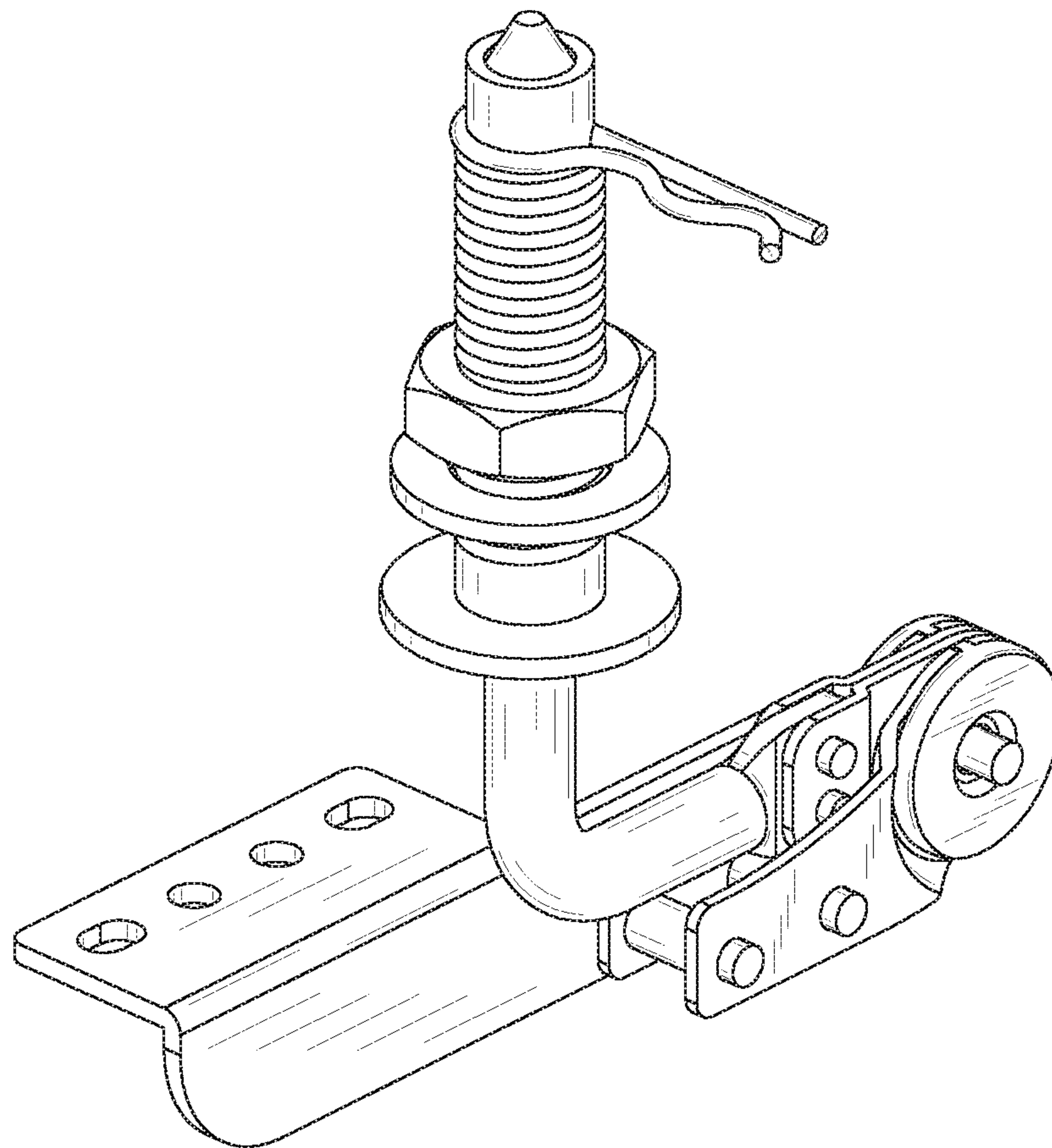


FIG. 8

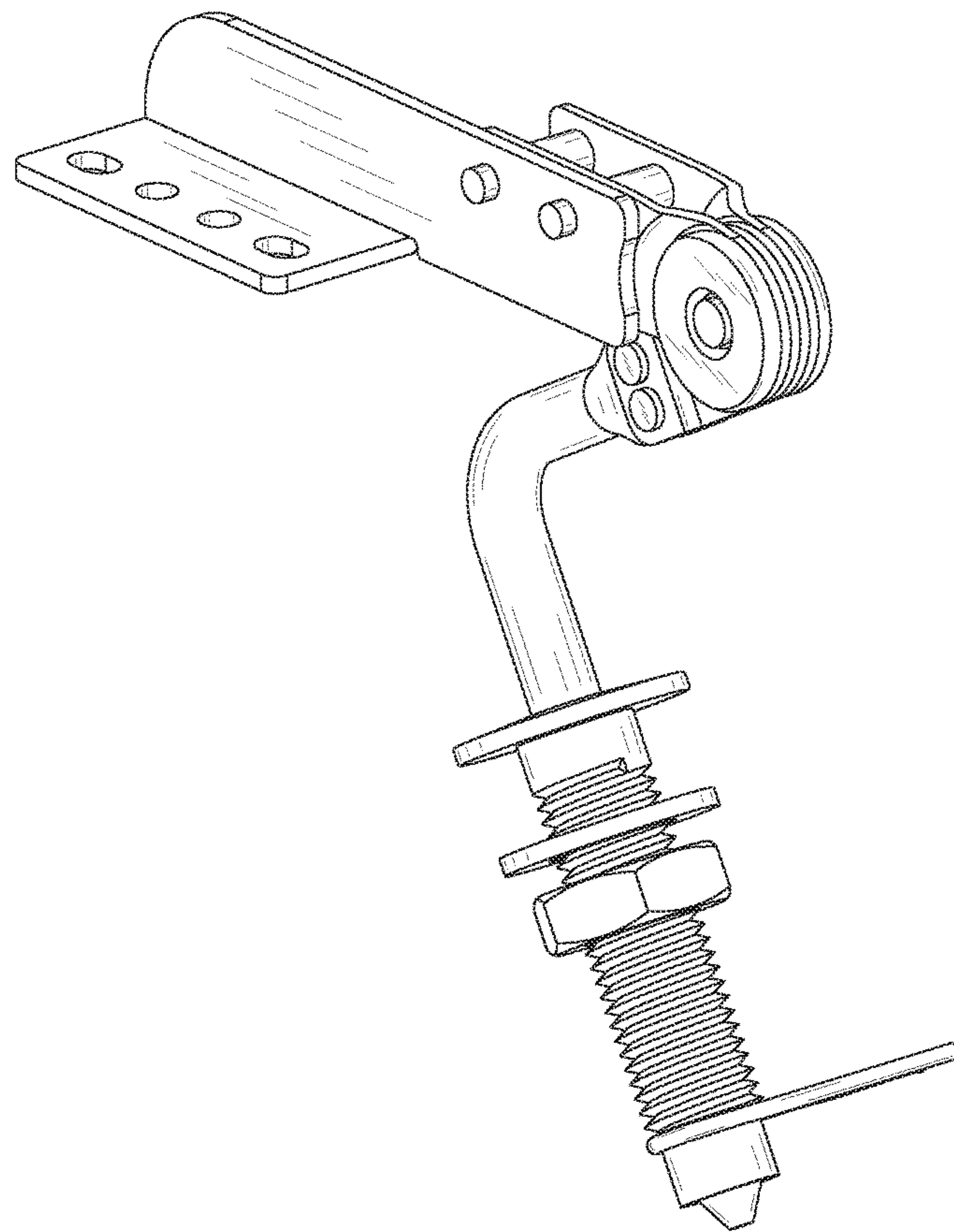


FIG.9