



US00D948976S

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

(10) **Patent No.:** **US D948,976 S**
(45) **Date of Patent:** **** Apr. 19, 2022**

(54) **HOSE PLIERS**

(71) Applicant: **Pi-Liang Wu**, Taichung (TW)

(72) Inventor: **Pi-Liang Wu**, Taichung (TW)

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

(21) Appl. No.: **29/706,913**

(22) Filed: **Sep. 25, 2019**

(51) **LOC (13) Cl.** **08-05**

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

(58) **Field of Classification Search**
USPC D8/51-60
CPC B25B 7/02; B25B 7/12; B25B 7/14
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,662,690 B1 * 12/2003 Ploeger B25B 7/12
81/318
9,003,930 B2 * 4/2015 Mitchell B25B 7/14
81/319

D738,174 S * 9/2015 Engel D8/52
D742,194 S * 11/2015 Engel D8/52
D775,917 S * 1/2017 Wu D8/52
D809,888 S * 2/2018 Dahl B25G 1/063
D8/52

* cited by examiner

Primary Examiner — Deanna L Pratt

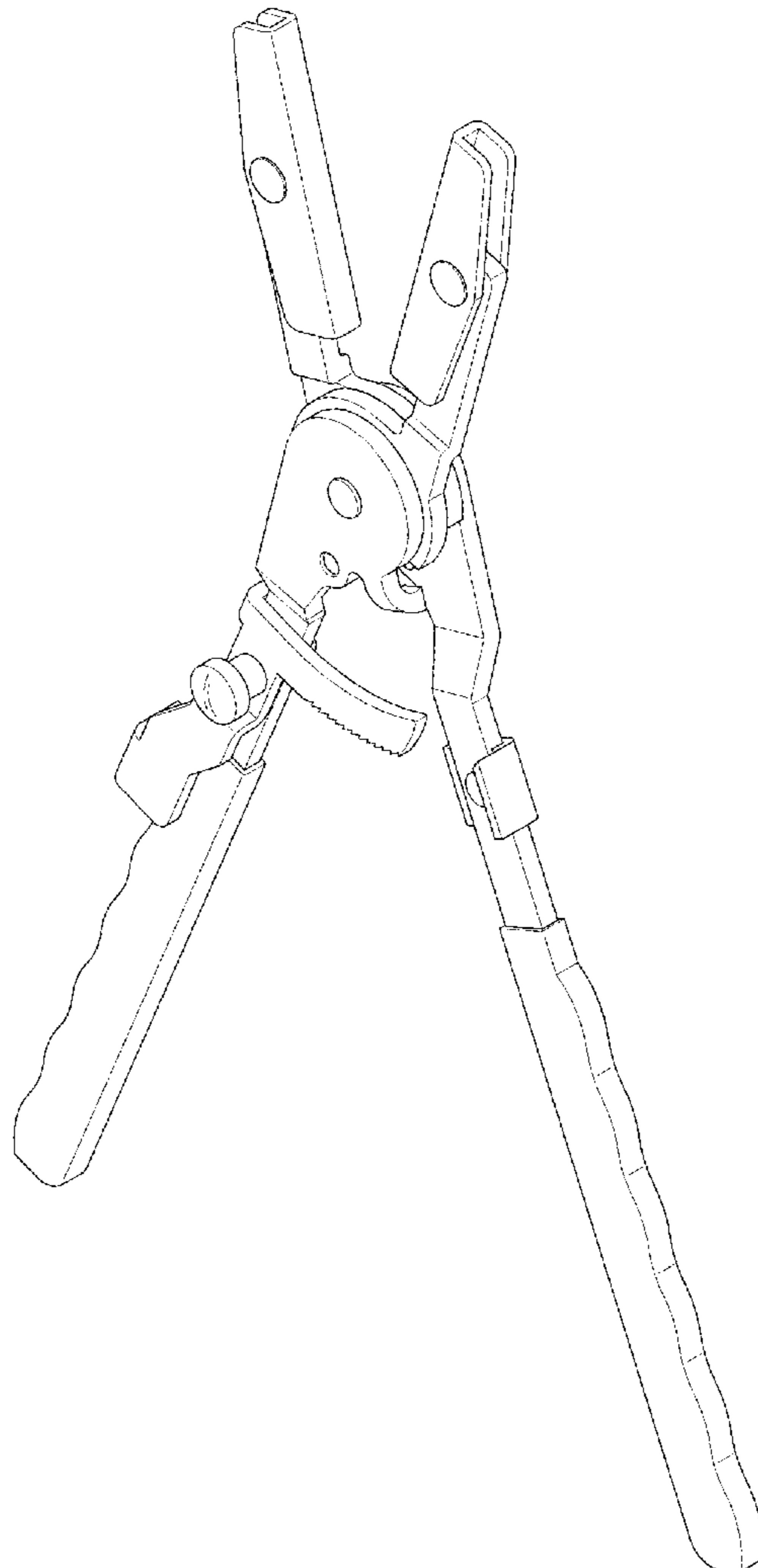
(57) **CLAIM**

The ornamental design for a hose pliers, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the design of the invention;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a right side elevational view thereof; and,
FIG. 7 is a left side elevational view thereof.

1 Claim, 6 Drawing Sheets



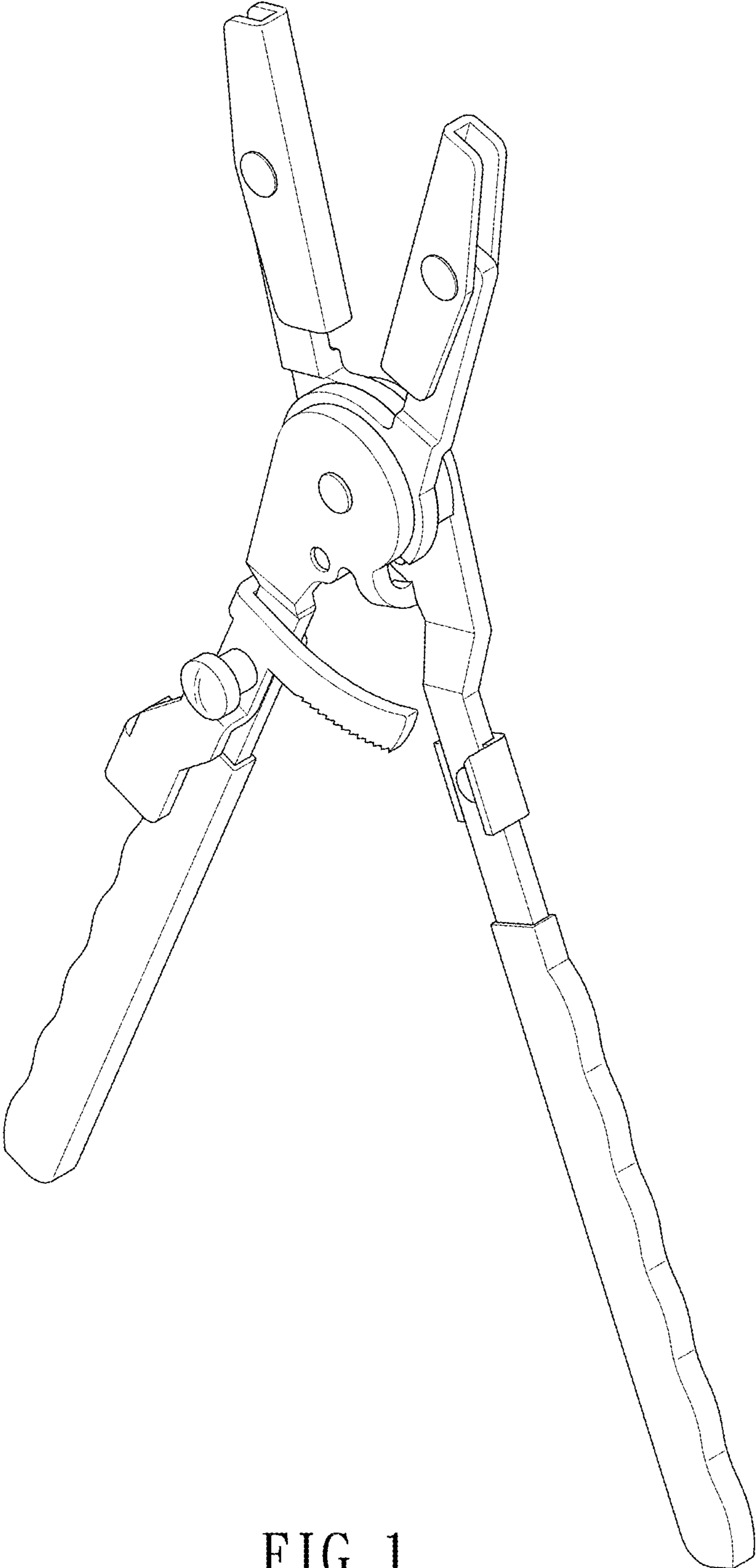


FIG. 1

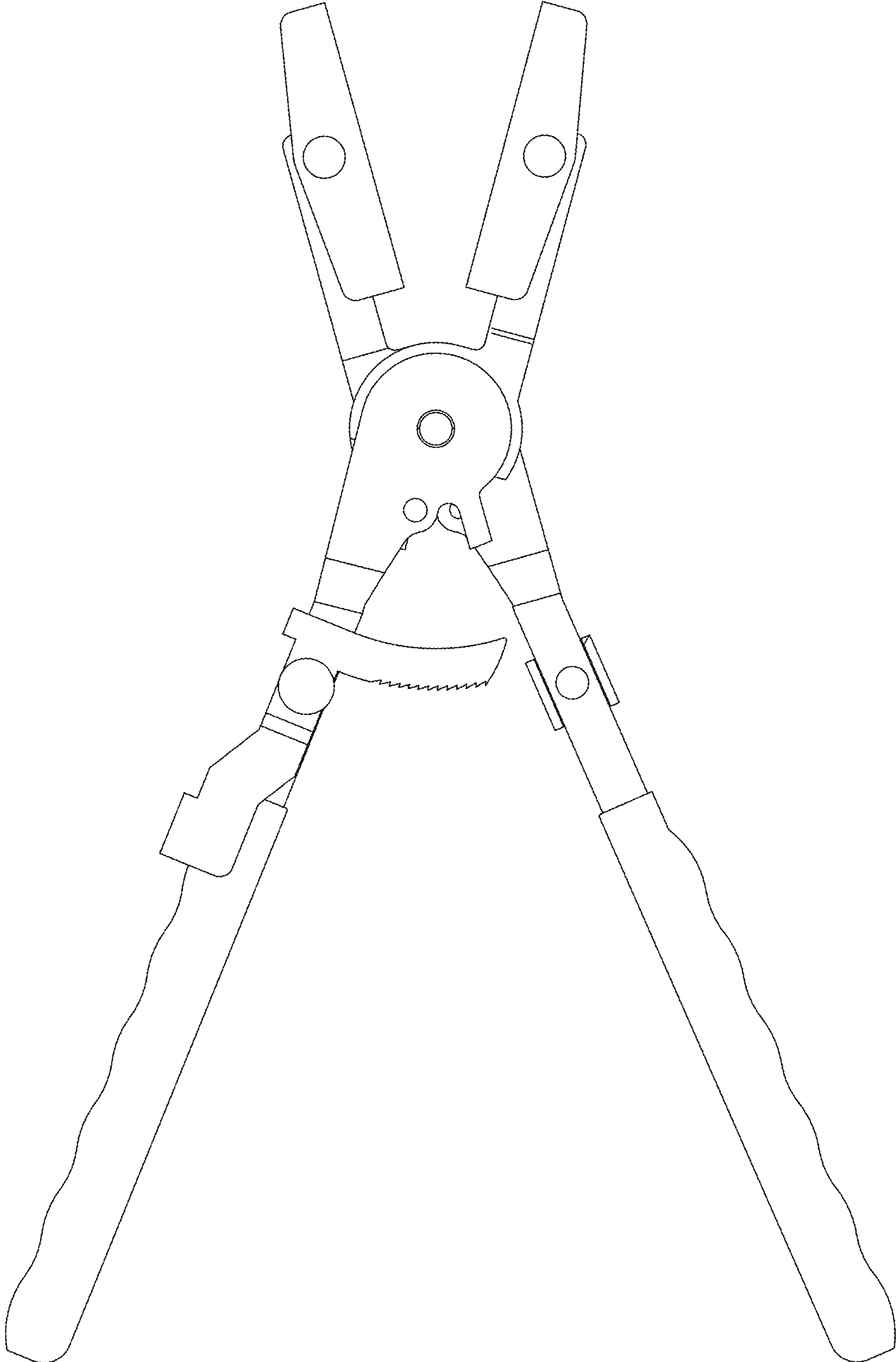


FIG. 2

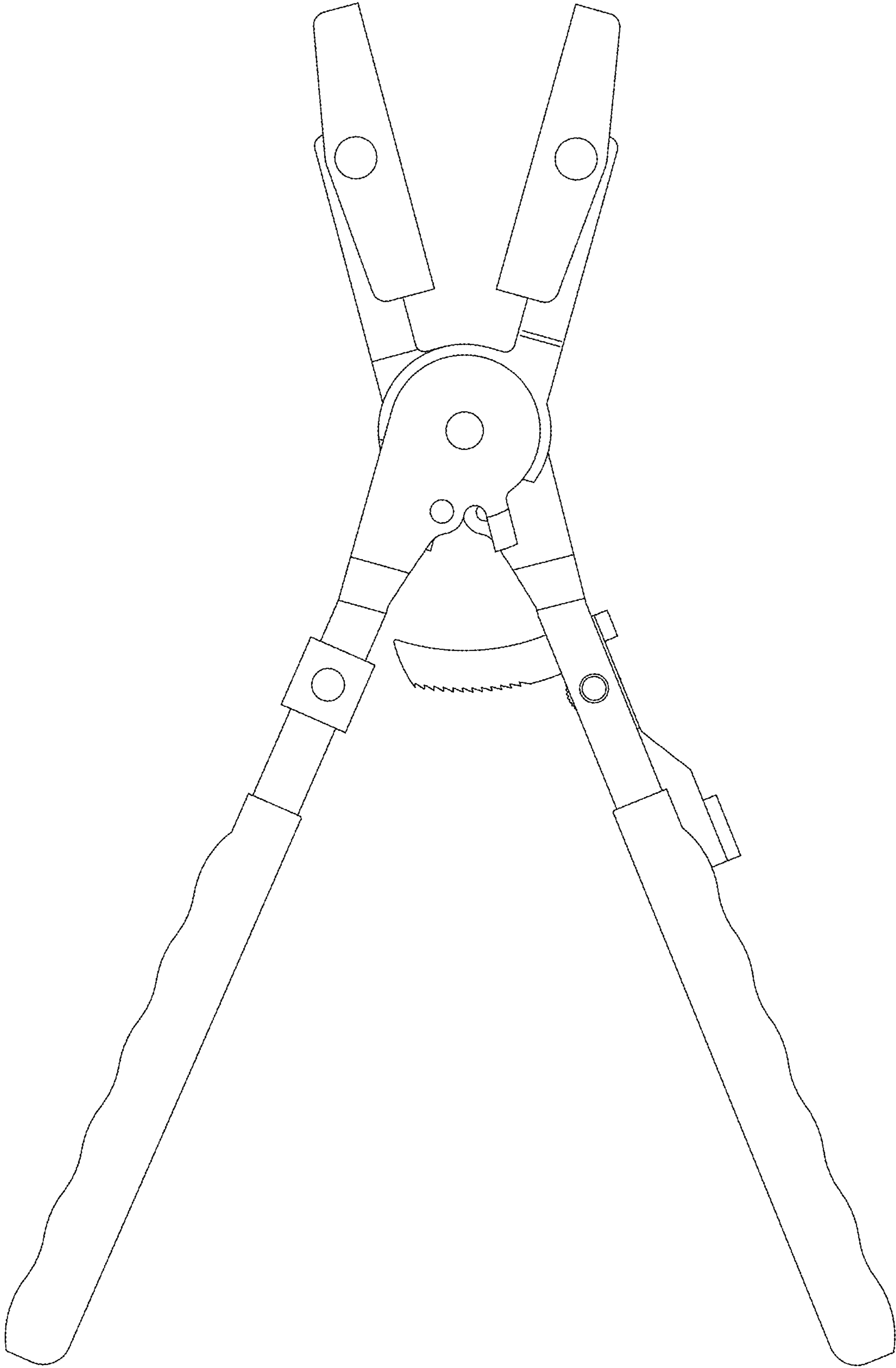


FIG. 3

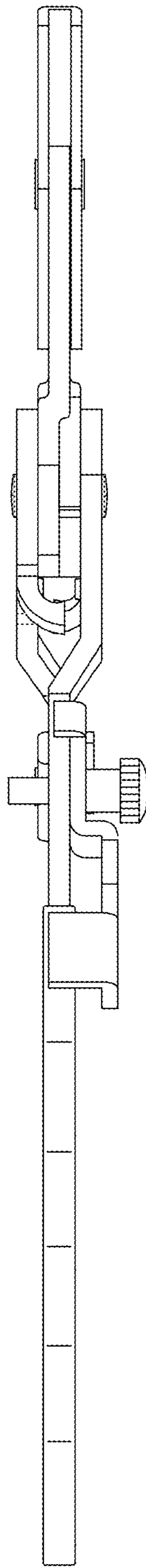


FIG. 4

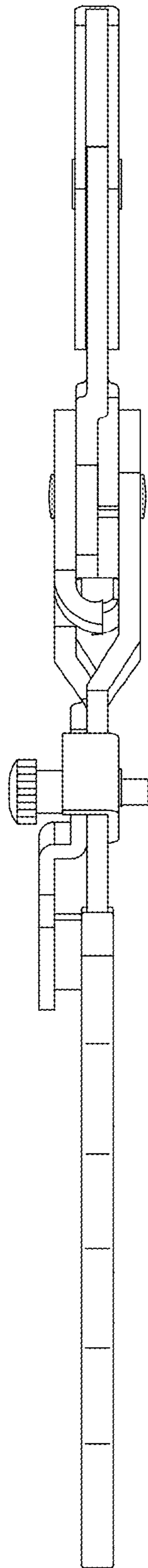


FIG. 5

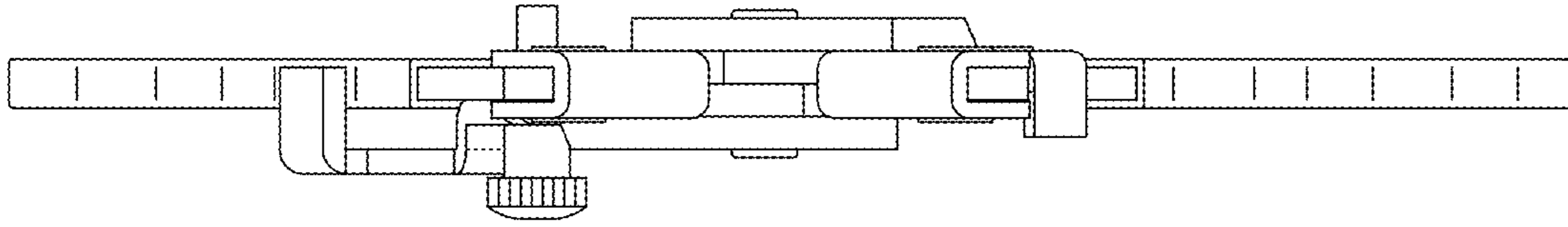


FIG. 6

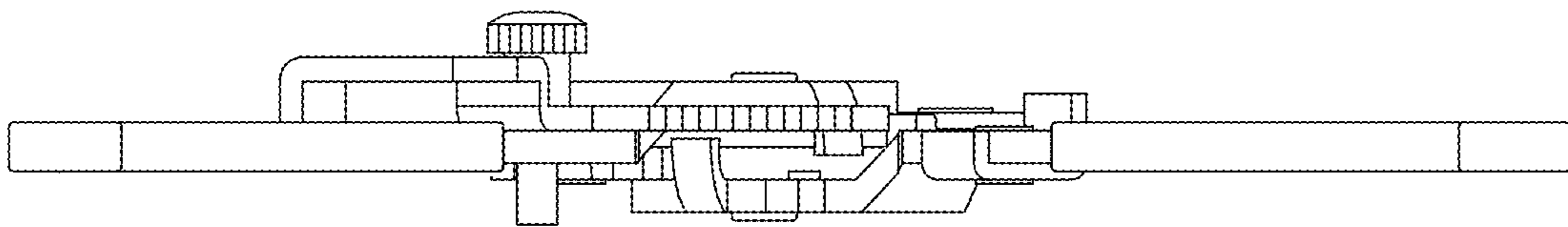


FIG. 7