



US00D967684S

(12) **United States Design Patent** (10) **Patent No.:** **US D967,684 S**
Fu et al. (45) **Date of Patent:** **** Oct. 25, 2022**

(54) **PLIERS**

OTHER PUBLICATIONS

- (71) Applicant: **APEX BRANDS, INC.**, Apex, NC (US)
- (72) Inventors: **Zhihong Fu**, Cary, NC (US); **Eric Van Fossen**, Huntersville, NC (US)
- (73) Assignee: **APEX BRANDS, INC.**, Apex, NC (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/717,999**
- (22) Filed: **Dec. 20, 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 7/10
See application file for complete search history.

Office Action from related Australian Application No. 2019417576 dated Jul. 5, 2021.
Office Action from related Canadian Application No. 3125322 dated Aug. 19, 2021.
International Search Report and Written Opinion from International application No. PCT/US2019/067802 dated Apr. 1, 2020.
Office Action from Chinese Application No. 201980086813.8 dated Oct. 11, 2021.

* cited by examiner

Primary Examiner — Deanna L Pratt
(74) *Attorney, Agent, or Firm* — Burr & Forman LLP

(57) **CLAIM**

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

DESCRIPTION

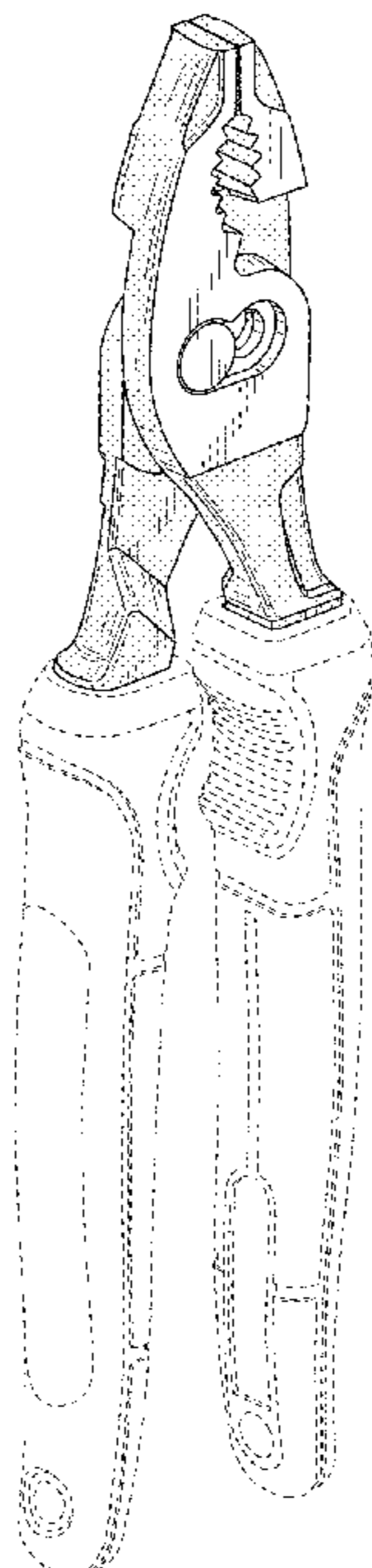
FIG. 1 is a perspective view of a pliers in accordance with an embodiment of the present invention;
FIG. 2 is a left side view of the pliers of FIG. 1;
FIG. 3 is a right side view of the pliers of FIG. 1;
FIG. 4 is a top view of the pliers of FIG. 1;
FIG. 5 is a bottom view of the pliers of FIG. 1;
FIG. 6 is a front view of the pliers of FIG. 1;
FIG. 7 is a front view of the pliers of FIG. 1;
FIG. 8 is an isolated perspective view of a first half of the pliers of FIG. 1; and,
FIG. 9 is an isolated perspective view of a second half of the pliers of FIG. 1.
The broken lines of the pliers in FIGS. 1-9 are illustrative of portions of the pliers that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D45,919 S *	6/1914	Thomson	.....	D8/58
D344,224 S *	2/1994	Imhoff	.....	D8/52
5,904,078 A *	5/1999	Gustafson	.....	B25B 7/10
				81/416
D418,031 S *	12/1999	Khachatoorian	.....	D8/58
D424,394 S *	5/2000	Lamond	.....	D8/58
6,199,459 B1	3/2001	Azkona		
D537,307 S *	2/2007	Wang	.....	D8/55
D537,308 S *	2/2007	Wang	.....	D8/55
D543,815 S *	6/2007	Metcalf	.....	D8/52
2003/0233915 A1	12/2003	Takasaki		
2004/0016325 A1	1/2004	Smith		
2009/0178518 A1	7/2009	Buchanan et al.		

1 Claim, 7 Drawing Sheets



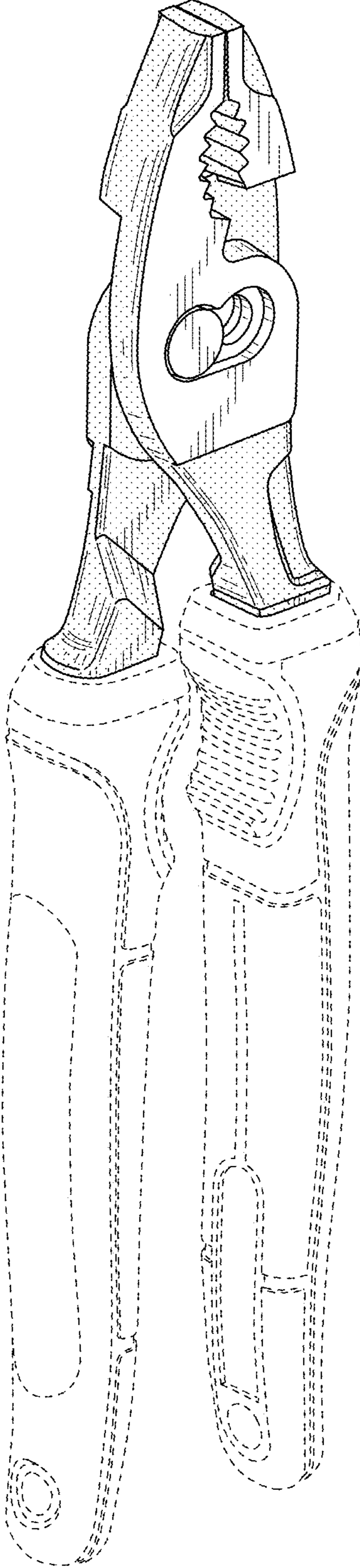


FIG. 1

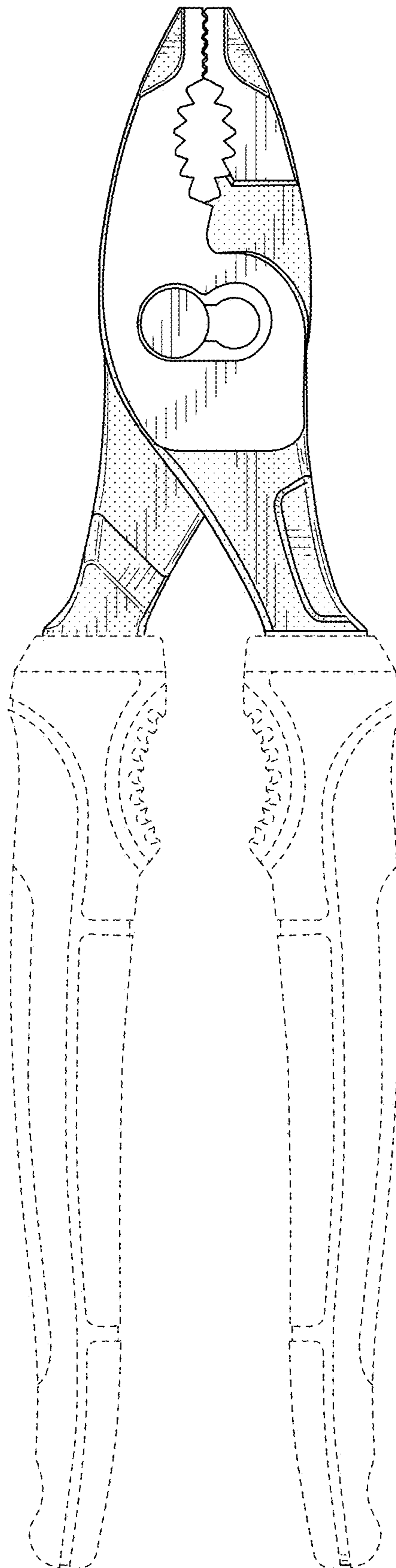


FIG. 2

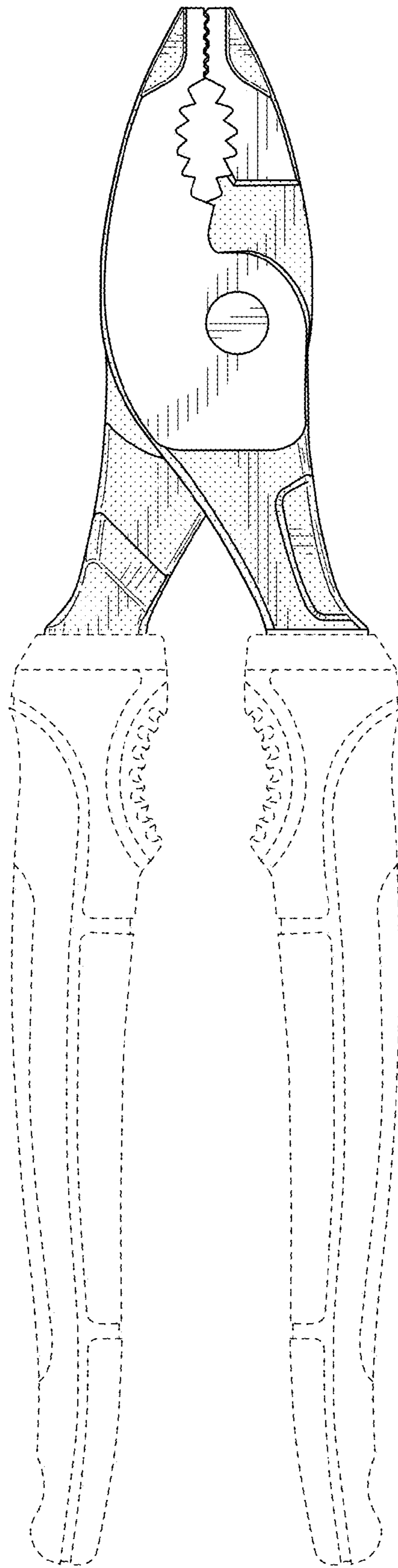


FIG. 3

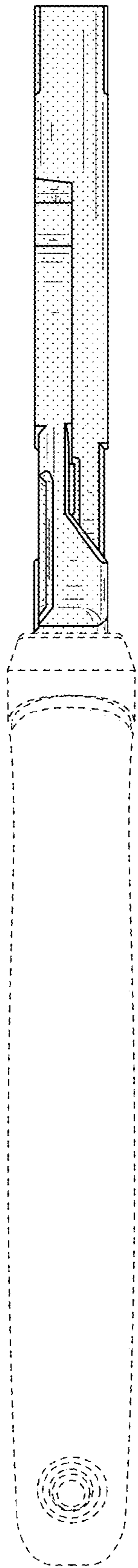


FIG. 4

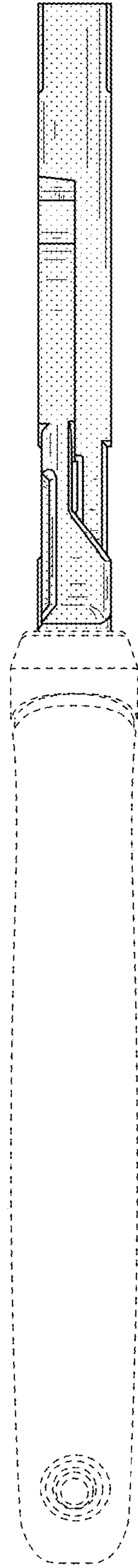


FIG. 5

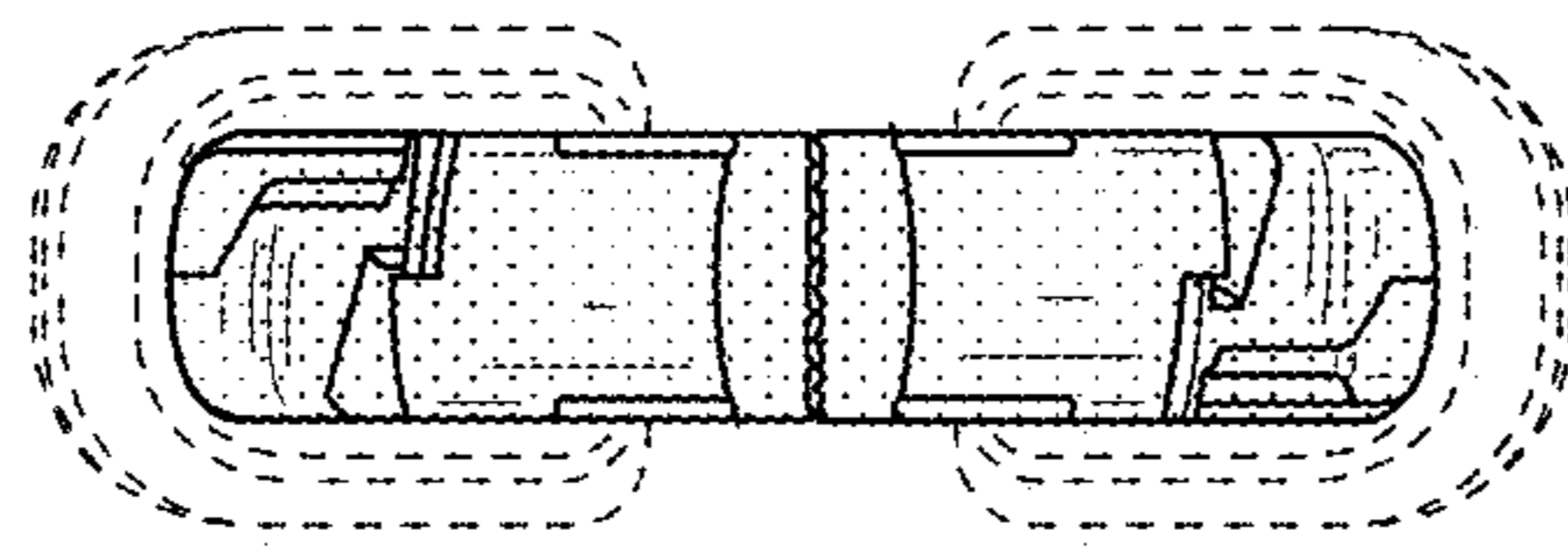


FIG. 6

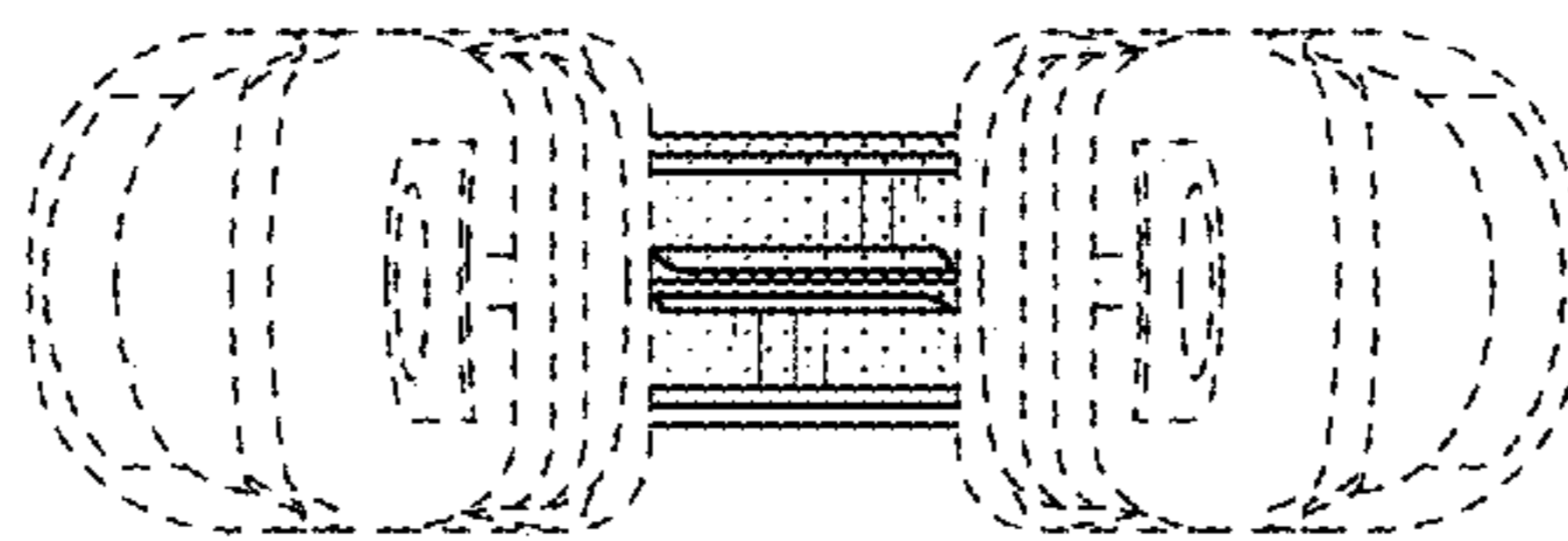


FIG. 7

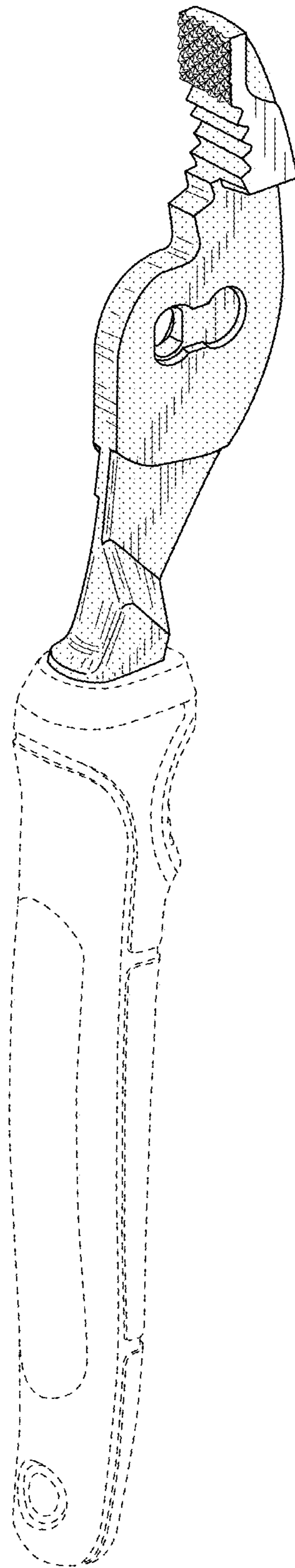


FIG. 8

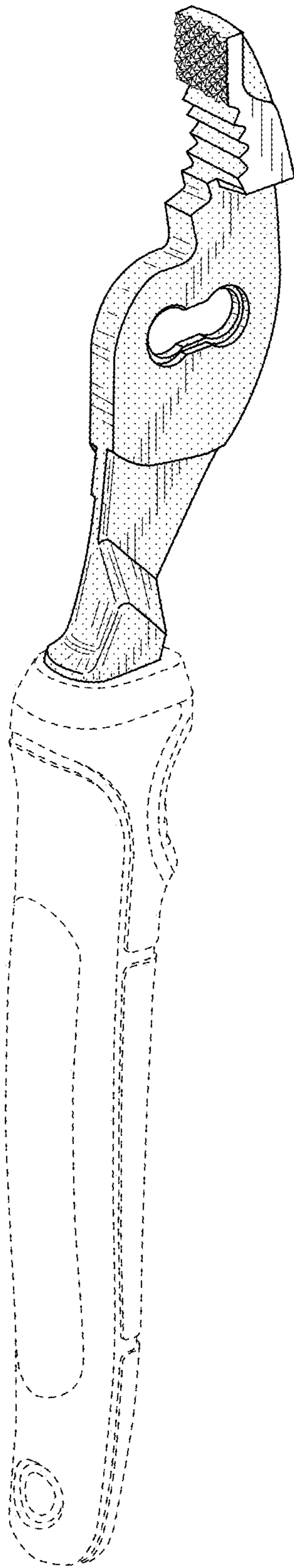


FIG. 9