



US00D839377S

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

(10) **Patent No.:** **US D839,377 S**

(45) **Date of Patent:** **** Jan. 29, 2019**

(54) **MAGAZINE OPENER**

(71) Applicants: **Carson Cheng**, City of Industry, CA (US); **Changan Tian**, City of Industry, CA (US); **Richard Thomas**, City of Industry, CA (US)

(72) Inventors: **Carson Cheng**, City of Industry, CA (US); **Changan Tian**, City of Industry, CA (US); **Richard Thomas**, City of Industry, CA (US)

(73) Assignee: **NcSTAR, Inc**, City of Industry, CA (US)

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

(21) Appl. No.: **29/610,927**

(22) Filed: **Jul. 17, 2017**

(51) **LOC (11) Cl.** **22-01**

(52) **U.S. Cl.**
USPC **D22/108**; D8/14

(58) **Field of Classification Search**
USPC D22/108; D8/14, 51, 18, 40, 88, 89
CPC F41A 9/83; F41A 9/82; F41A 9/61; B67B 7/00; B67B 7/16

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D245,393 S * 8/1977 Madsen D8/18
D276,304 S * 11/1984 DiFede 81/3.55
4,658,455 A * 4/1987 Skillern A47L 13/512
248/211

D304,992 S * 12/1989 Matthies D8/40
D308,322 S * 6/1990 Borden D8/40
4,967,436 A * 11/1990 Russell B67B 7/44
7/105
5,069,090 A * 12/1991 Clark B67B 7/14
7/105
5,417,003 A * 5/1995 Claveau F41A 9/83
42/87
D382,453 S * 8/1997 Drinkwater D8/18
D422,860 S * 4/2000 Vinar D8/40
D501,773 S * 2/2005 Kohn D8/18
D818,554 S * 5/2018 Hefer D22/108

* cited by examiner

Primary Examiner — Philip S Hyder

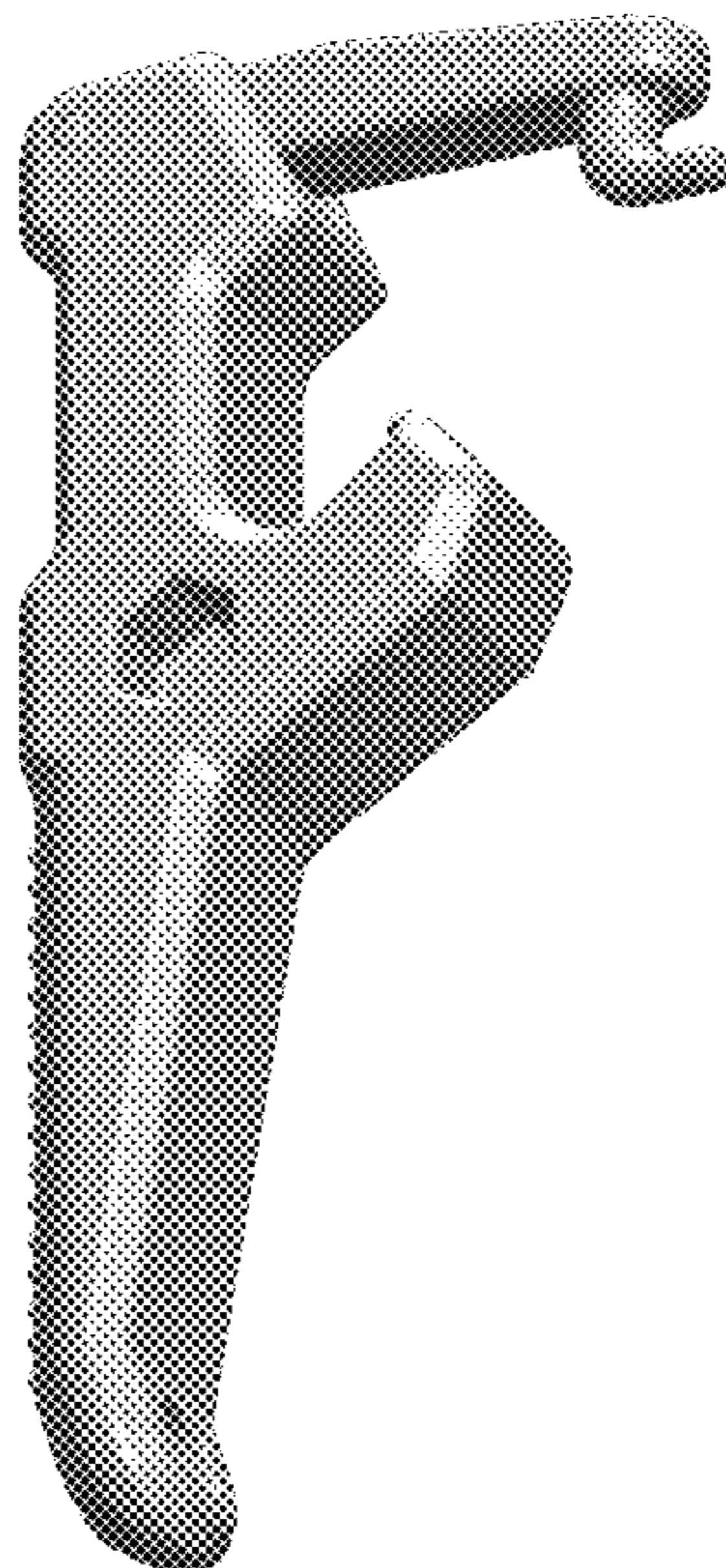
(57) **CLAIM**

The ornamental design for a magazine opener, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the magazine opener of our new design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front view thereof, the rear view being a mirror image of the front view; and,
FIG. 4 is a left view thereof;
FIG. 5 is a right view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a rear perspective view of the magazine opener with folded locking bar; and,
FIG. 9 is a front perspective view thereof.

1 Claim, 7 Drawing Sheets



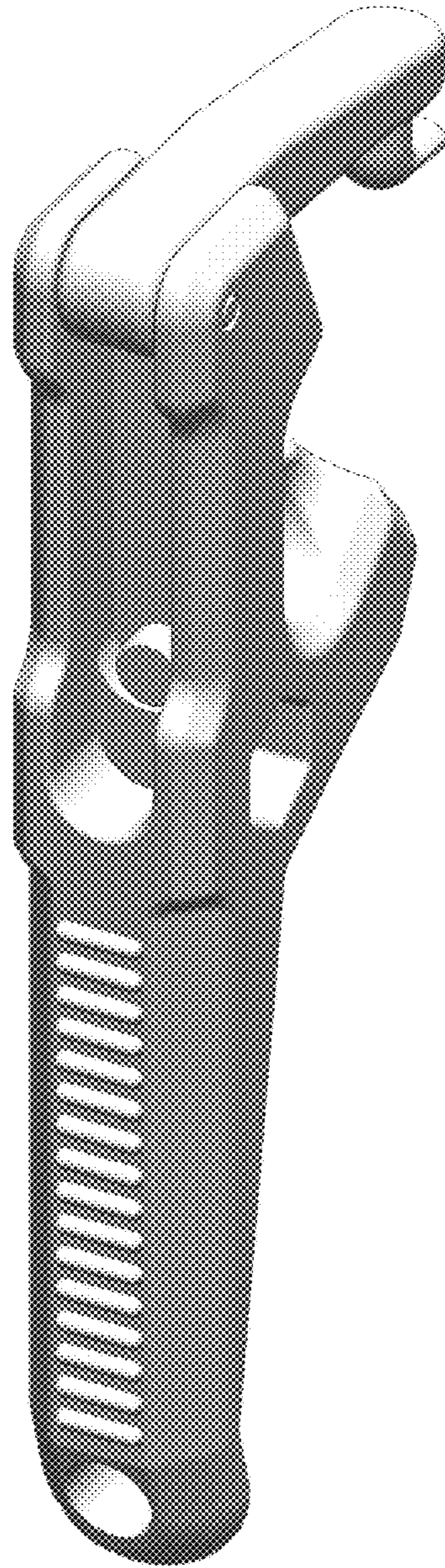


FIG. 1

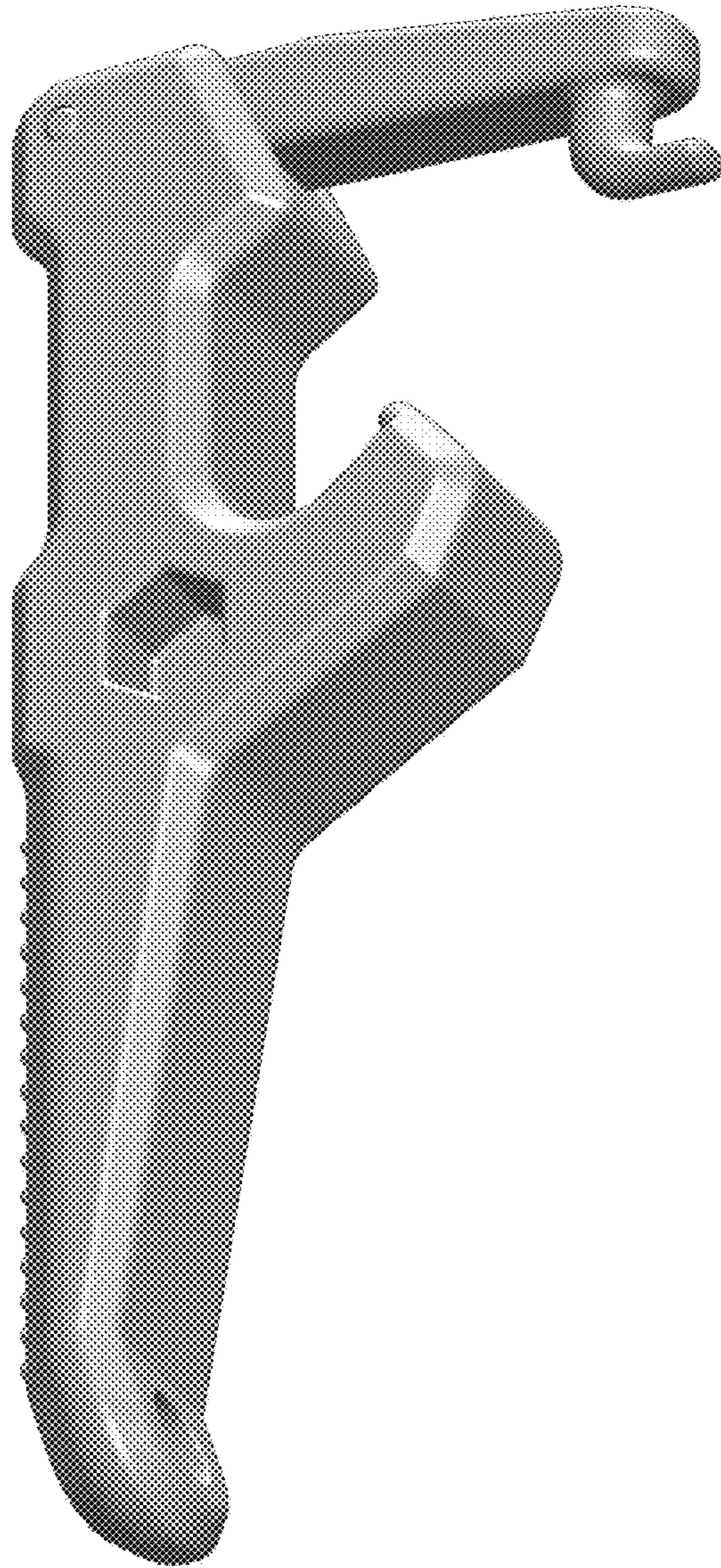


FIG. 2

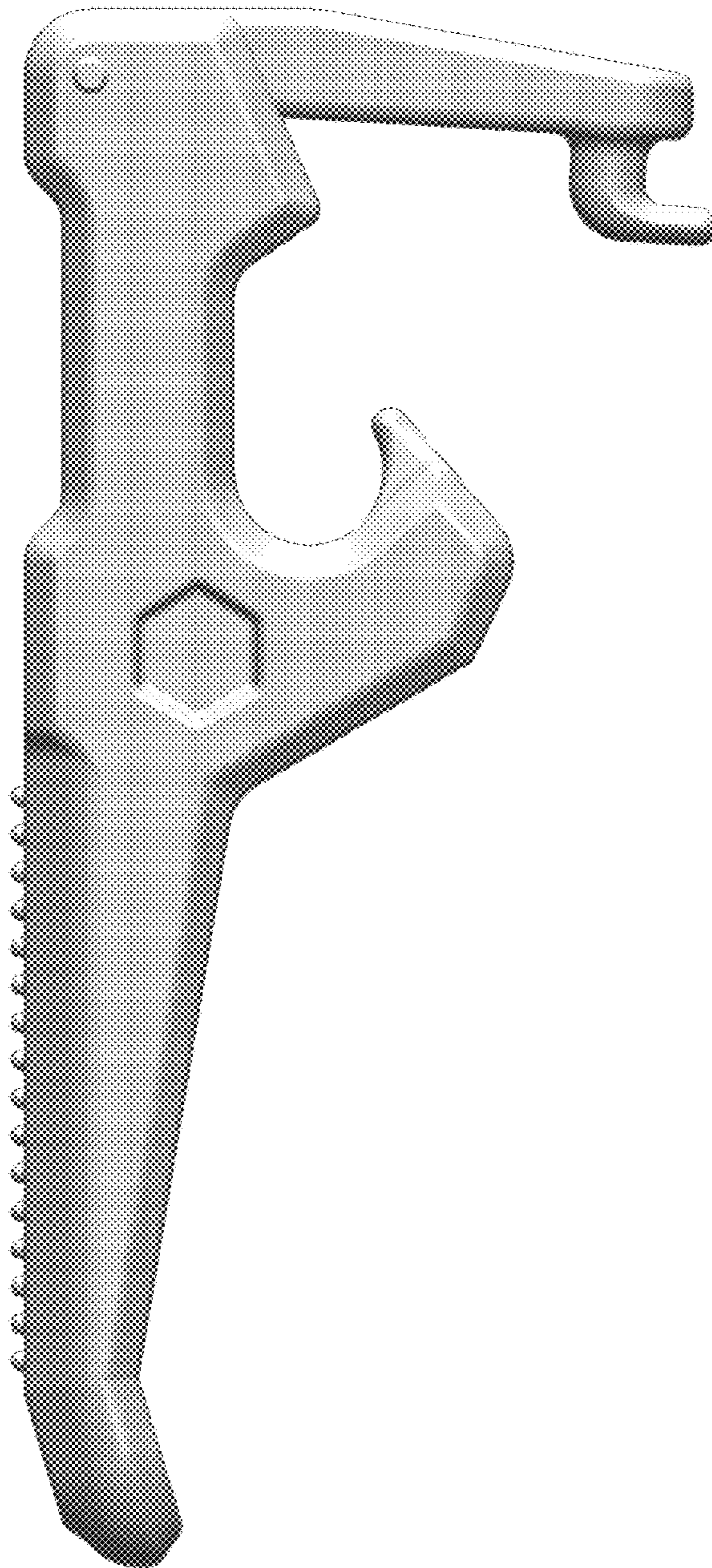


FIG. 3

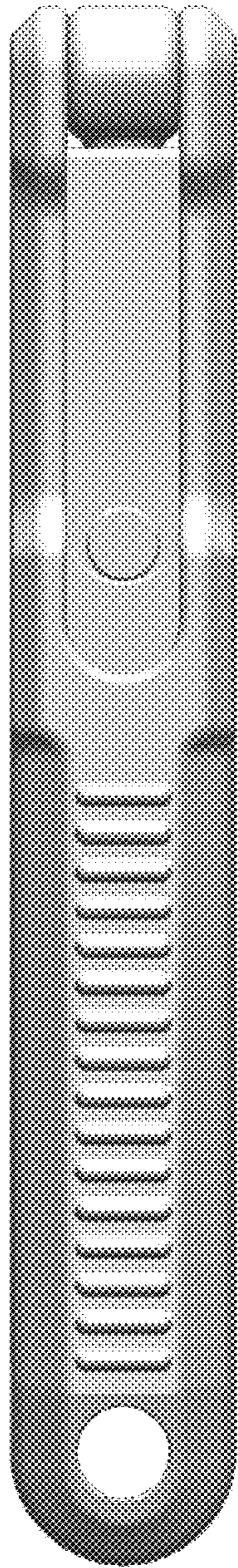


FIG. 4

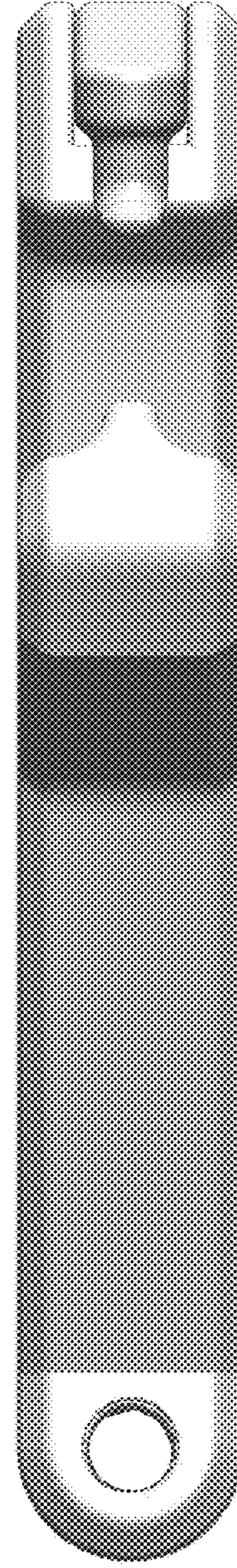


FIG. 5

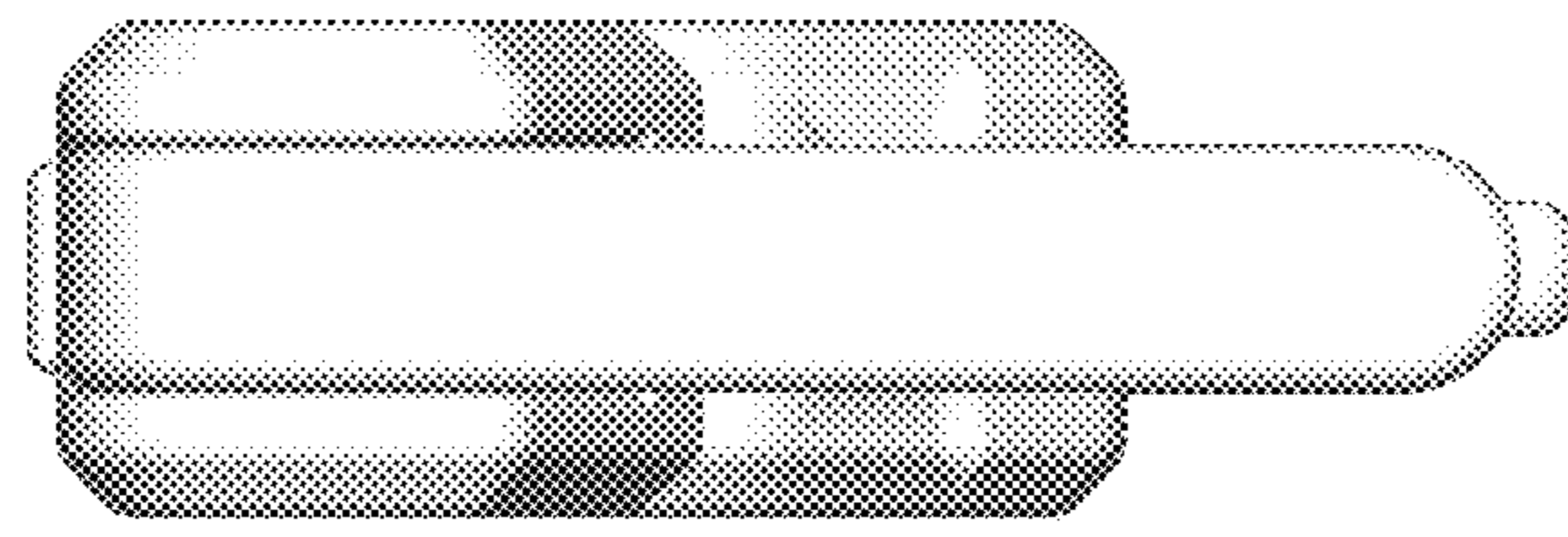


FIG. 6

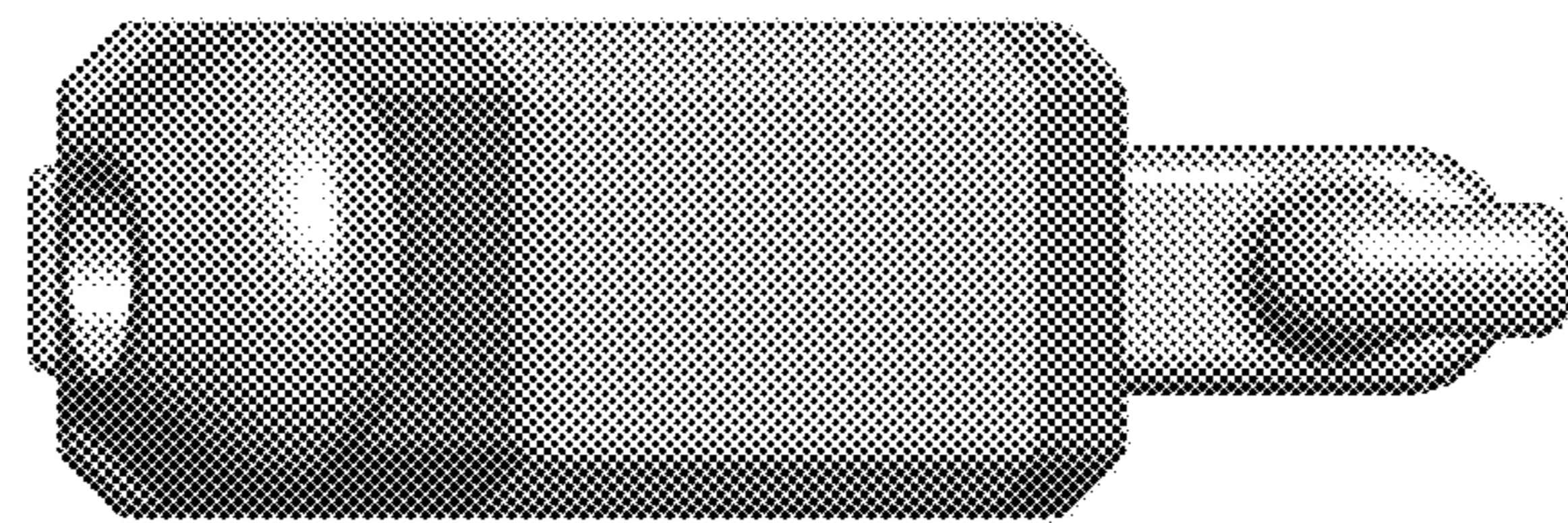


FIG. 7

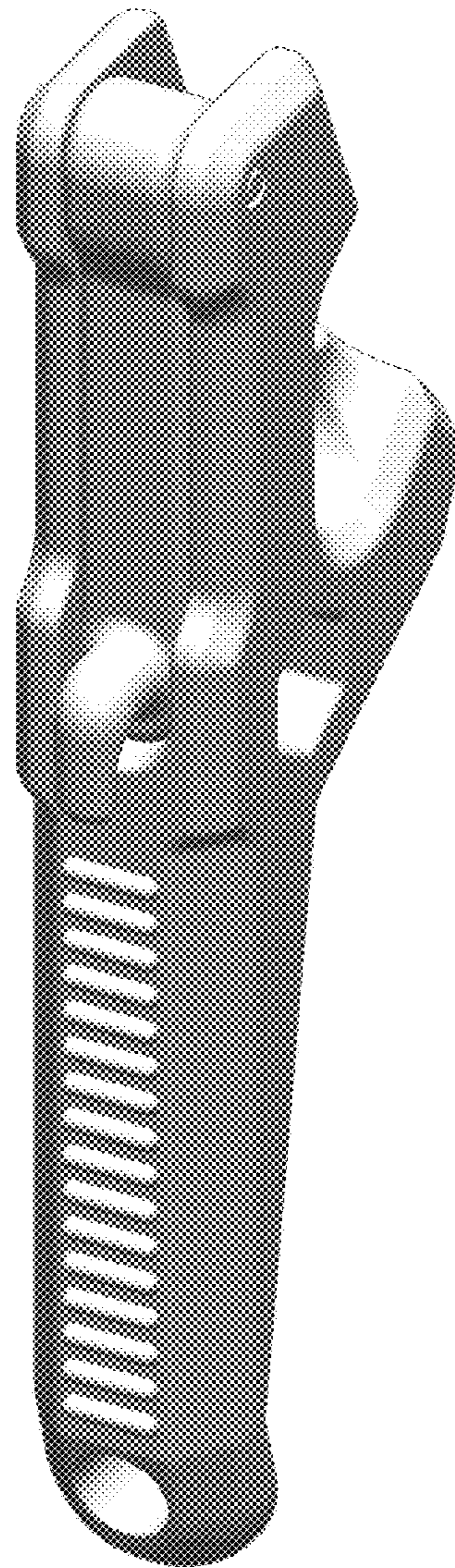


FIG. 8

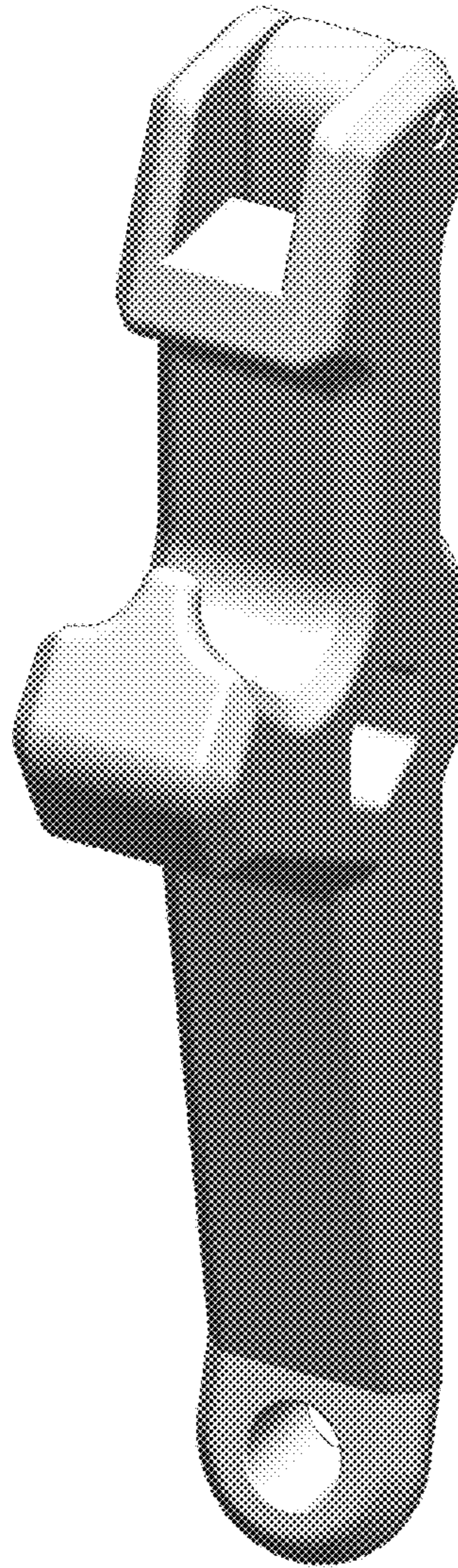


FIG. 9