



US00D589779S

(12) **United States Design Patent**
Wrase et al.(10) **Patent No.:** US D589,779 S
(45) **Date of Patent:** ** Apr. 7, 2009(54) **ERGONOMIC LOCKING PIN**6,575,000 B1 * 6/2003 Li 70/34
D484,773 S * 1/2004 Wyers D8/330(76) Inventors: **Ronald H. Wrase**, 9430 Woodridge Way, Savage, MN (US) 55378; **Bruce E. Kyro**, 6360 Broadview Dr., Prior Lake, MN (US) 55372

* cited by examiner

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(74) *Attorney, Agent, or Firm*—Robert A. Pajak(**) Term: **14 Years**(57) **CLAIM**(21) Appl. No.: **29/280,240**

The ornamental design for an ergonomic locking pin, as shown and described.

(22) Filed: **May 22, 2007****DESCRIPTION**(51) **LOC (9) Cl.** 08-07
(52) **U.S. Cl.** D8/330; D8/331; D8/339
(58) **Field of Classification Search** D8/330,
D8/331, 336, 339, 341, 343; 70/181–189,
70/431, 14, 34, 33, 91; 292/86, 259 R, 288,
292/340, 32, 156, 41, 119

See application file for complete search history.

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FIG. 1 is a top plan view;

FIG. 2 is a side elevation view;

FIG. 3 is a bottom plan view;

FIG. 4 is a side elevation view as seen from the opposite side of FIG. 2;

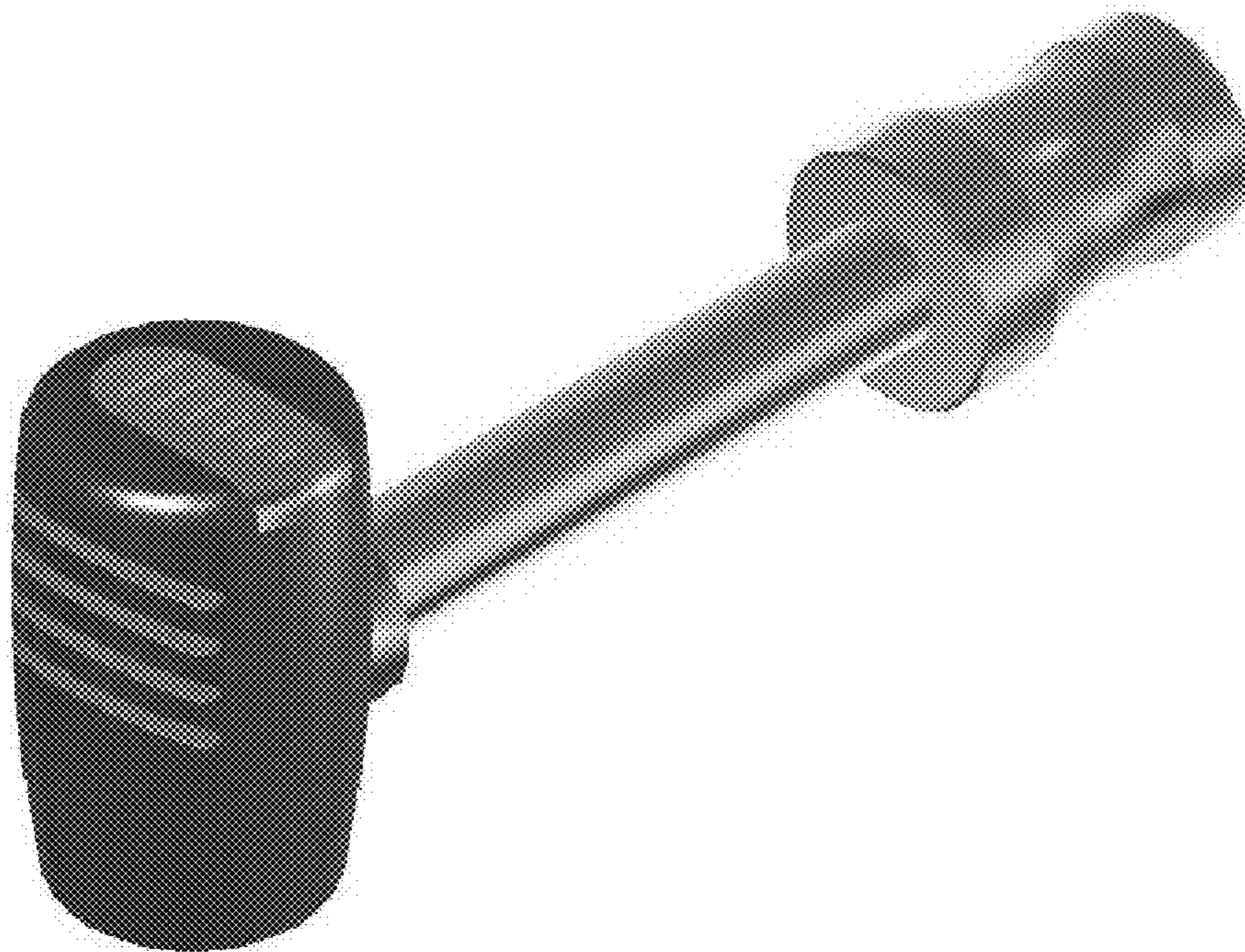
FIG. 5 is a front elevation view thereof from the left side of FIG. 2;

FIG. 6 is a rear elevation view thereof from the right side of FIG. 2;

FIG. 7 is a perspective view of an ergonomic locking pin;

FIG. 8 is an exploded perspective view of an ergonomic locking pin with lock cover in position to expose key receptacle; and,

FIG. 9 is an exploded top plan view with lock cover in position to expose key receptacle.

1 Claim, 4 Drawing Sheets

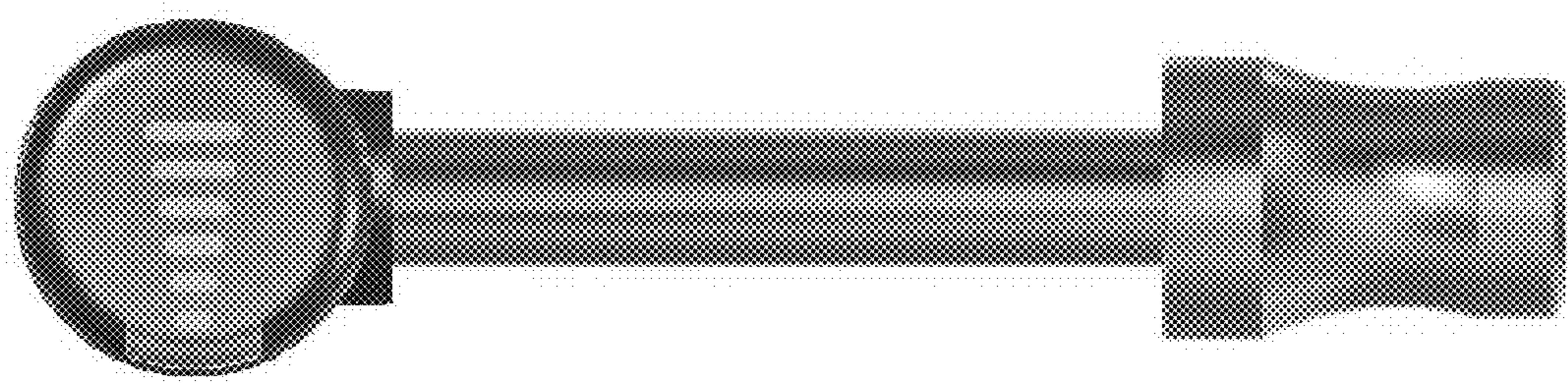


Figure 1

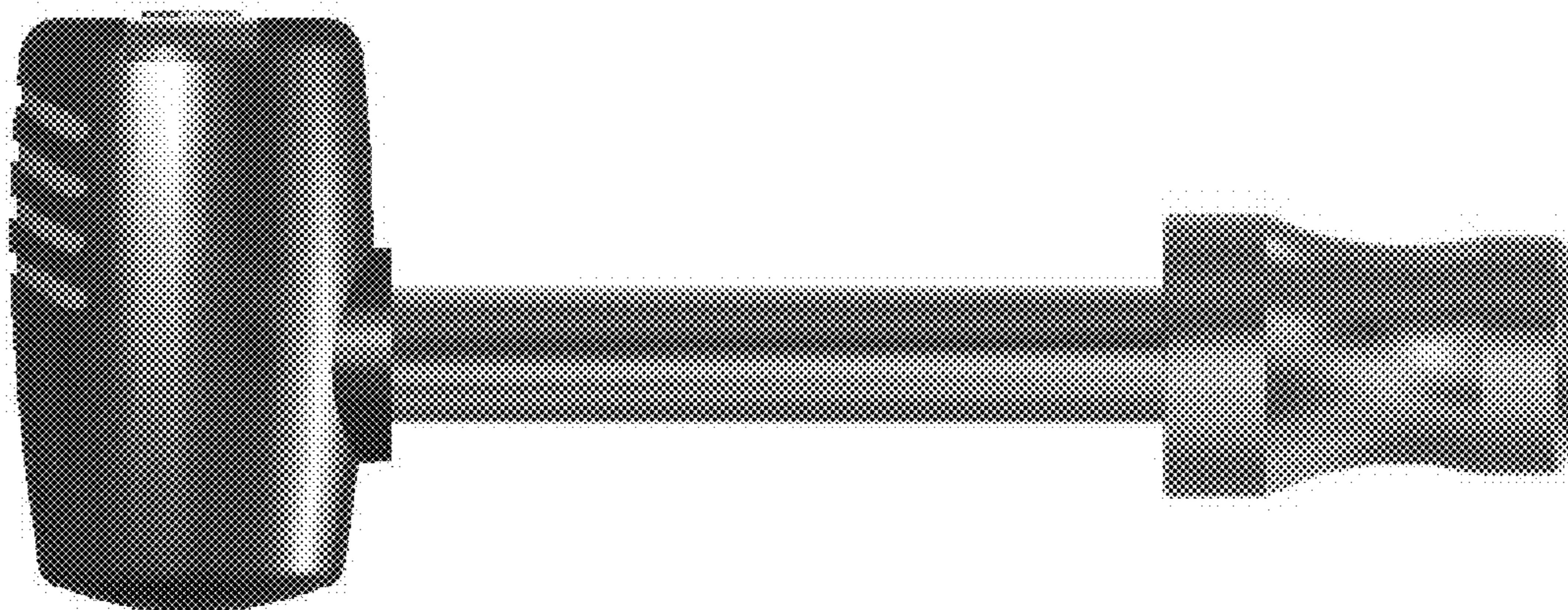


Figure 2

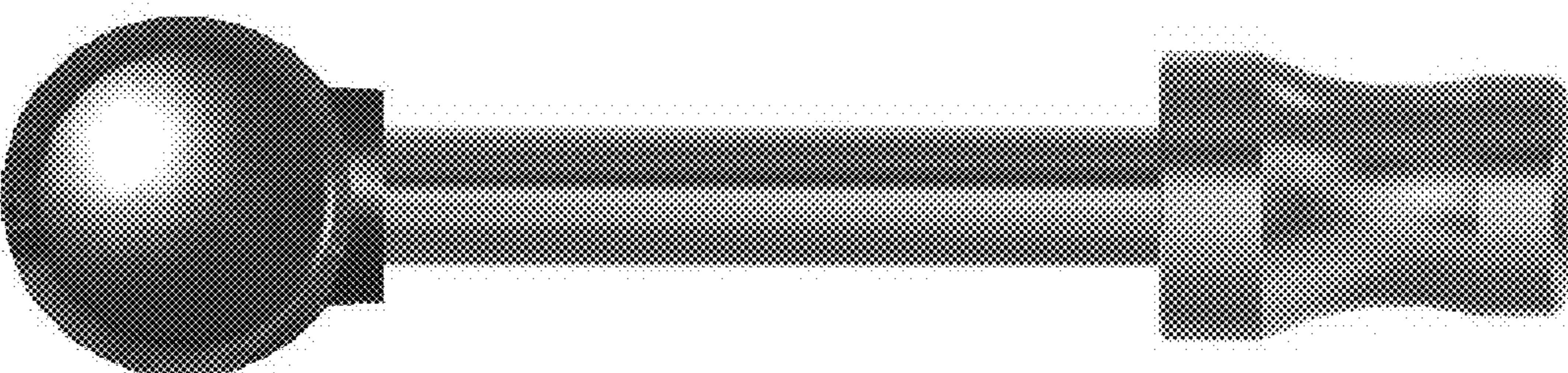


Figure 3

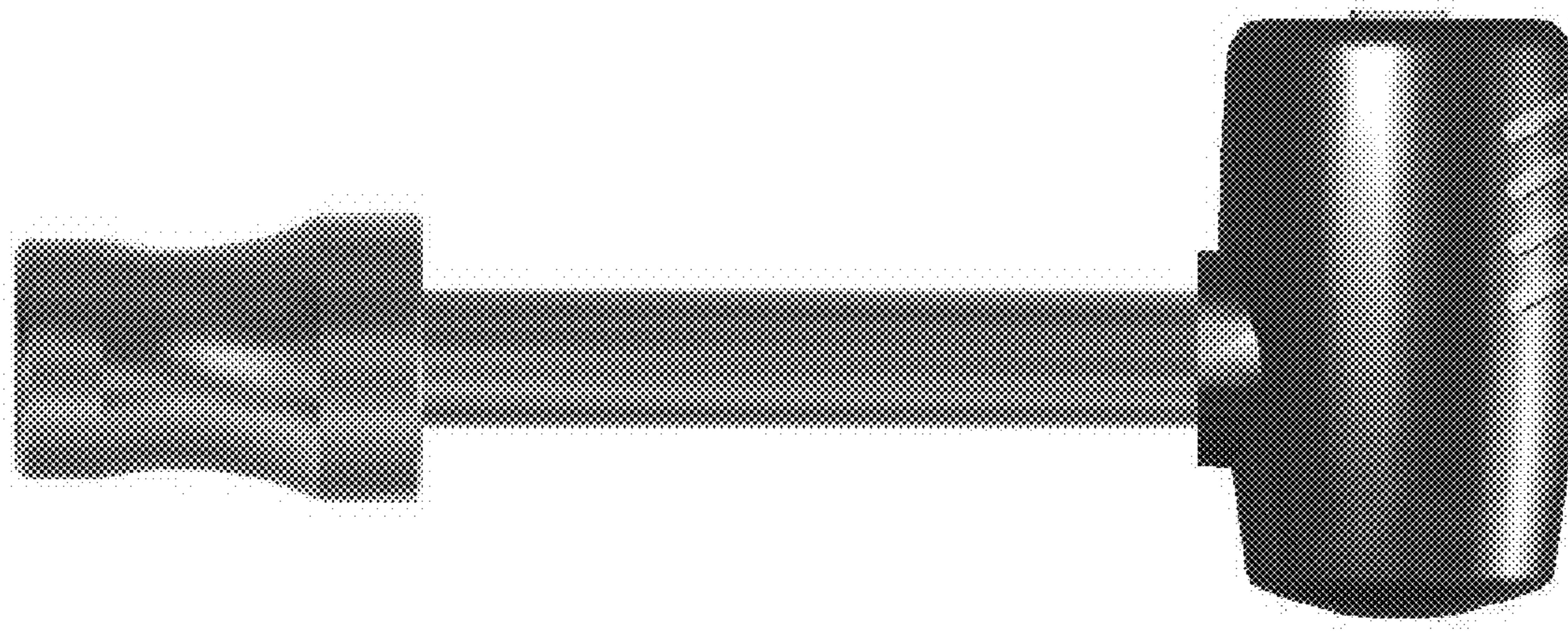


Figure 4

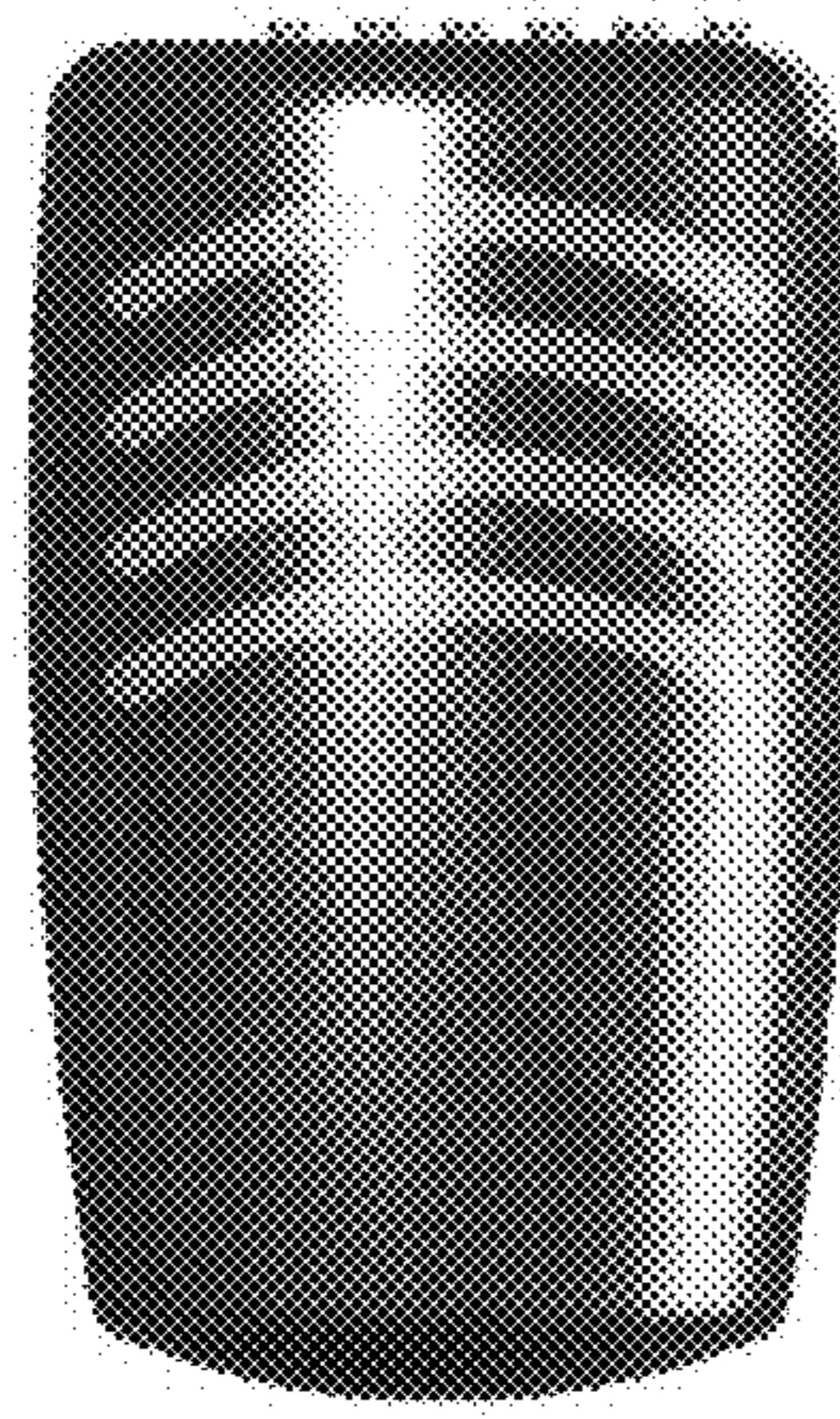


Figure 5

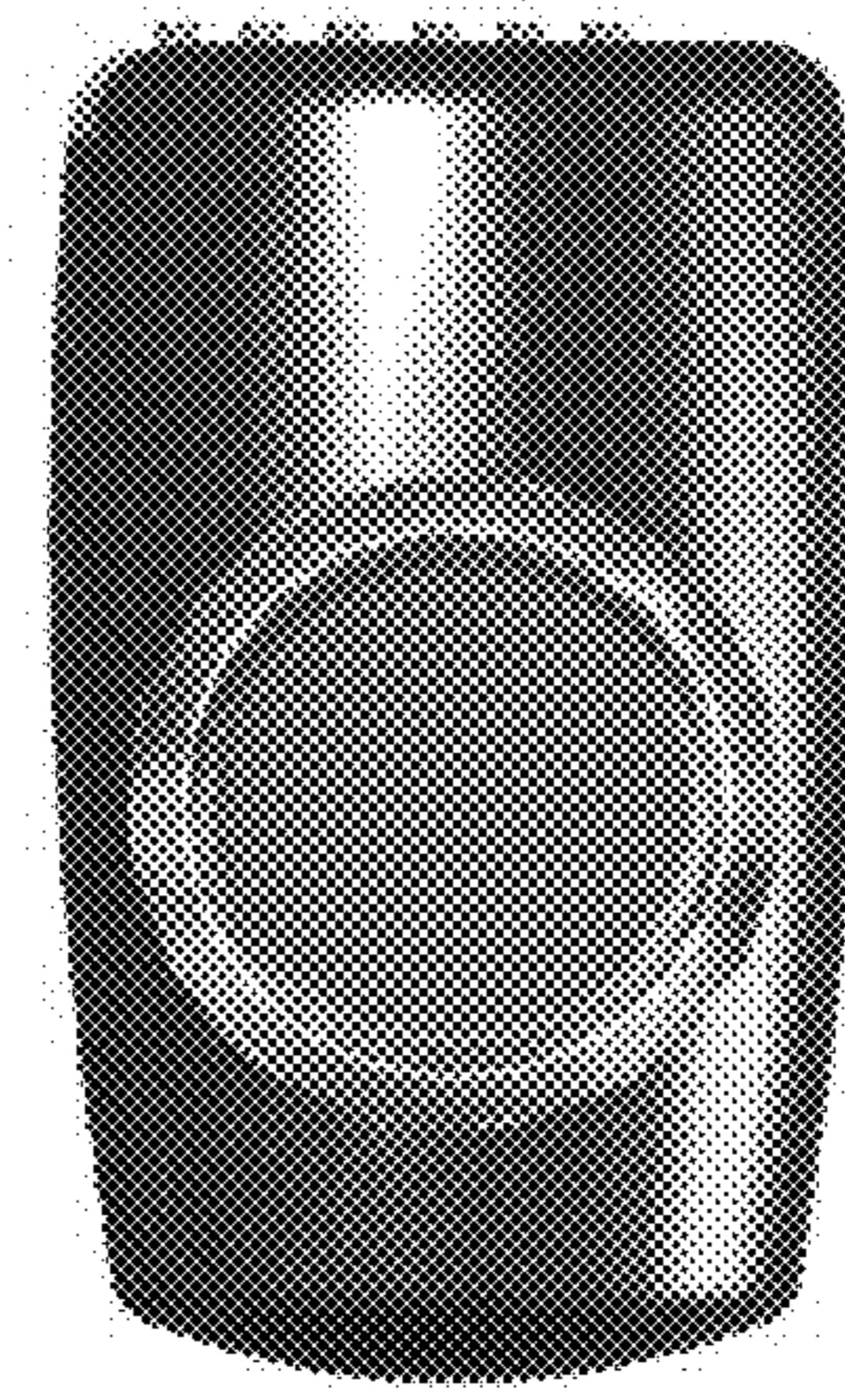


Figure 6

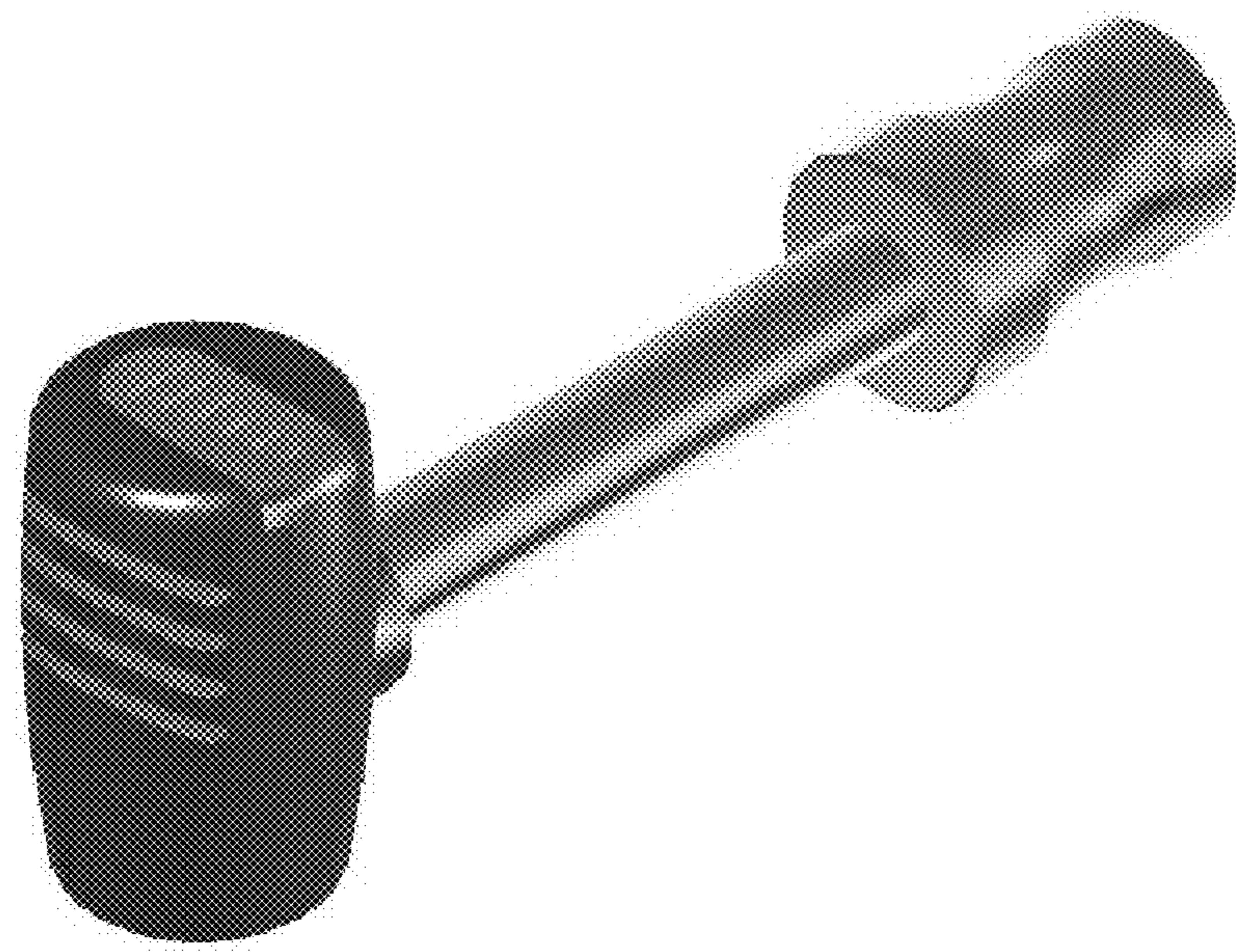


Figure 7

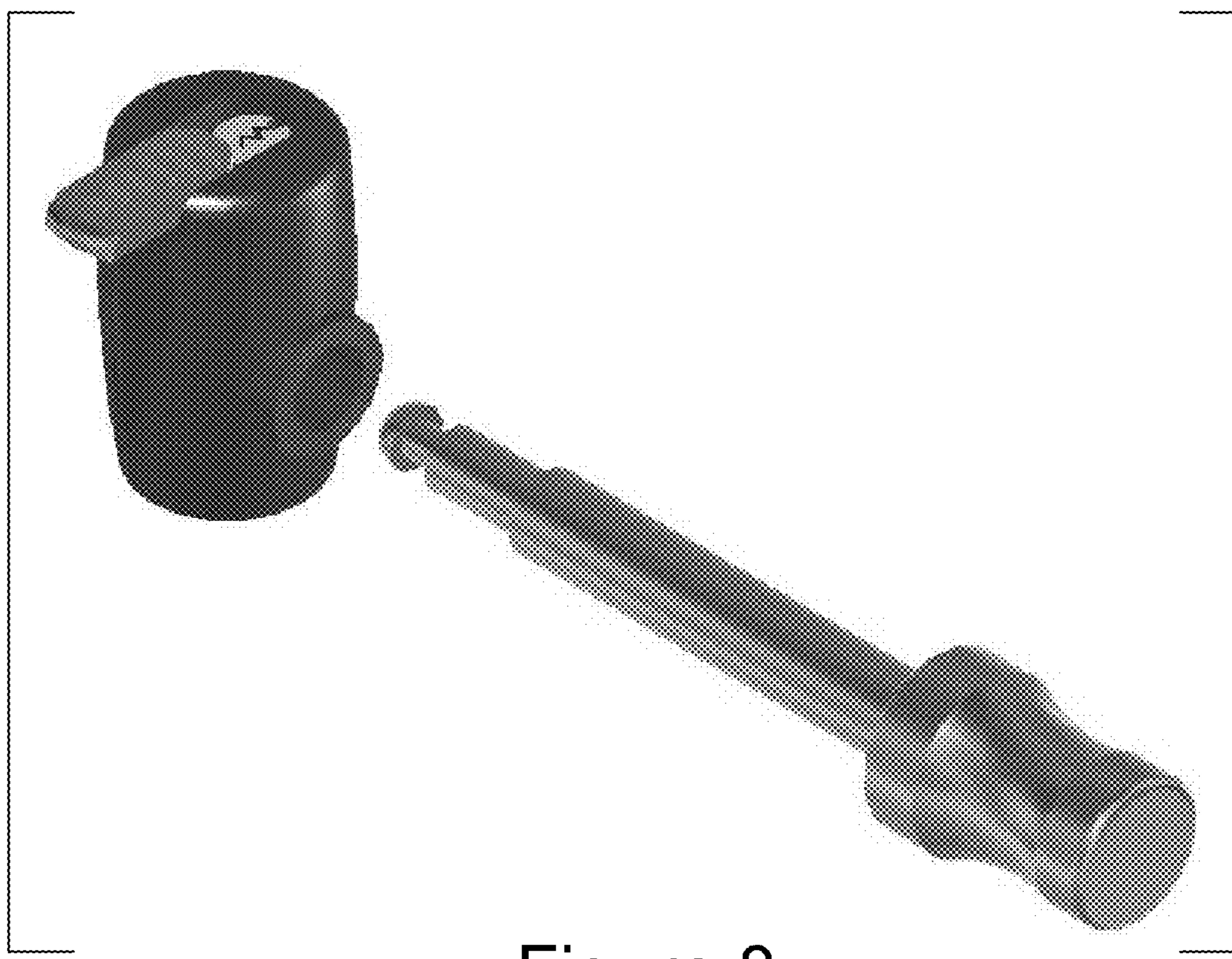


Figure 8

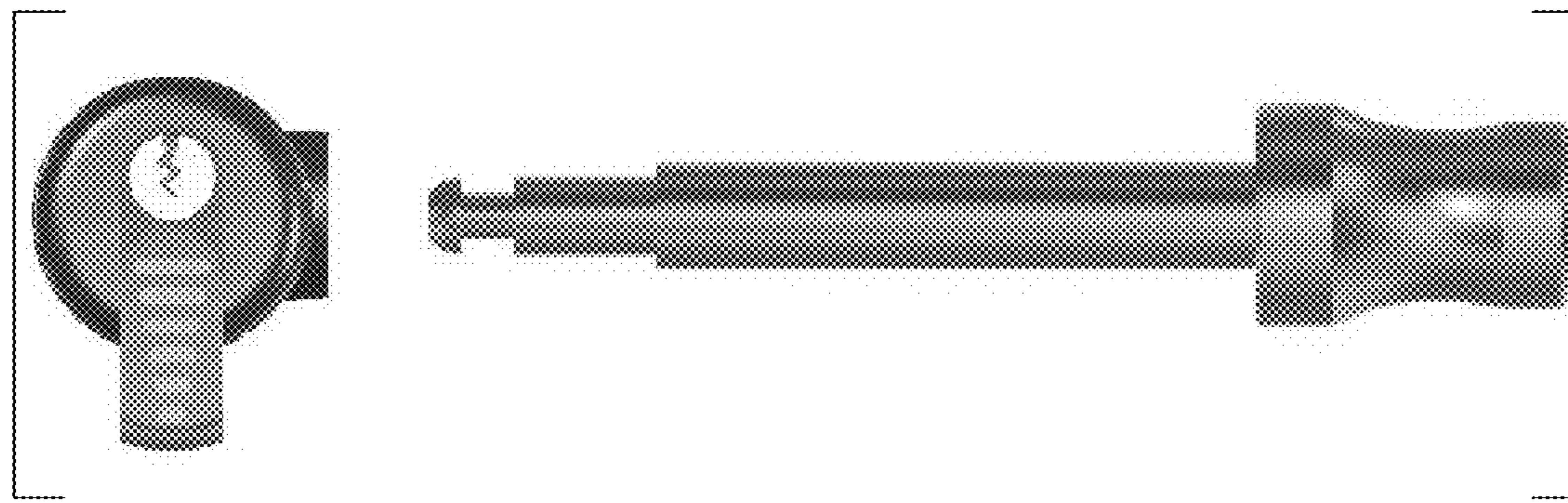


Figure 9