



US00D526873S

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

(10) **Patent No.:** **US D526,873 S**

(45) **Date of Patent:** **** Aug. 22, 2006**

(54) **PORTABLE ELECTRIC HAMMER DRILL**

(75) Inventors: **Hitoshi Tsuzuki**, Hitachinaka (JP);
Masato Sakai, Hitachinaka (JP);
Masanori Okada, Hitachinaka (JP);
Takeshi Taniguchi, Hitachinaka (JP);
Takahiro Ookubo, Hitachinaka (JP)

(73) Assignee: **Hitachi Koki Co., Ltd.**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/233,527**

(22) Filed: **Jul. 7, 2005**

(30) **Foreign Application Priority Data**

Jan. 7, 2005 (JP) 2005-000384

(51) **LOC (8) Cl.** **08-01**

(52) **U.S. Cl.** **D8/69**

(58) **Field of Classification Search** D8/14.1,
D8/61, 62, 63, 64, 65, 66, 67, 68, 69, 70;
81/57.11, 429, 464, 465, 466, 469, 489; 173/13,
173/104, 114, 168, 169, 170, 171, 178, 201,
173/211, 213, 217; 408/20, 124, 125, 234,
408/241 R; 451/358; 310/50; 227/8, 114,
227/120, 130, 136, 142

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,821,436 A * 9/1931 Holloway D8/69

D165,415 S * 12/1951 Davis D8/69
D167,415 S * 8/1952 McCabe D8/69
2,730,635 A * 1/1956 McCabe 173/170
3,395,765 A * 8/1968 Schnettler 173/13
4,325,436 A * 4/1982 Richter et al. 173/13
D409,468 S * 5/1999 Uchida et al. D8/69
D447,677 S * 9/2001 Stirm D8/69
D473,774 S * 4/2003 Stirm D8/69
D480,937 S * 10/2003 Vogele et al. D8/69
6,907,942 B1 * 6/2005 Kikuchi et al. 173/201
2003/0155142 A1 * 8/2003 Kikuchi et al. 173/114
2005/0145403 A1 * 7/2005 Kikuchi 173/201

* cited by examiner

Primary Examiner—T. Chase Nelson

(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

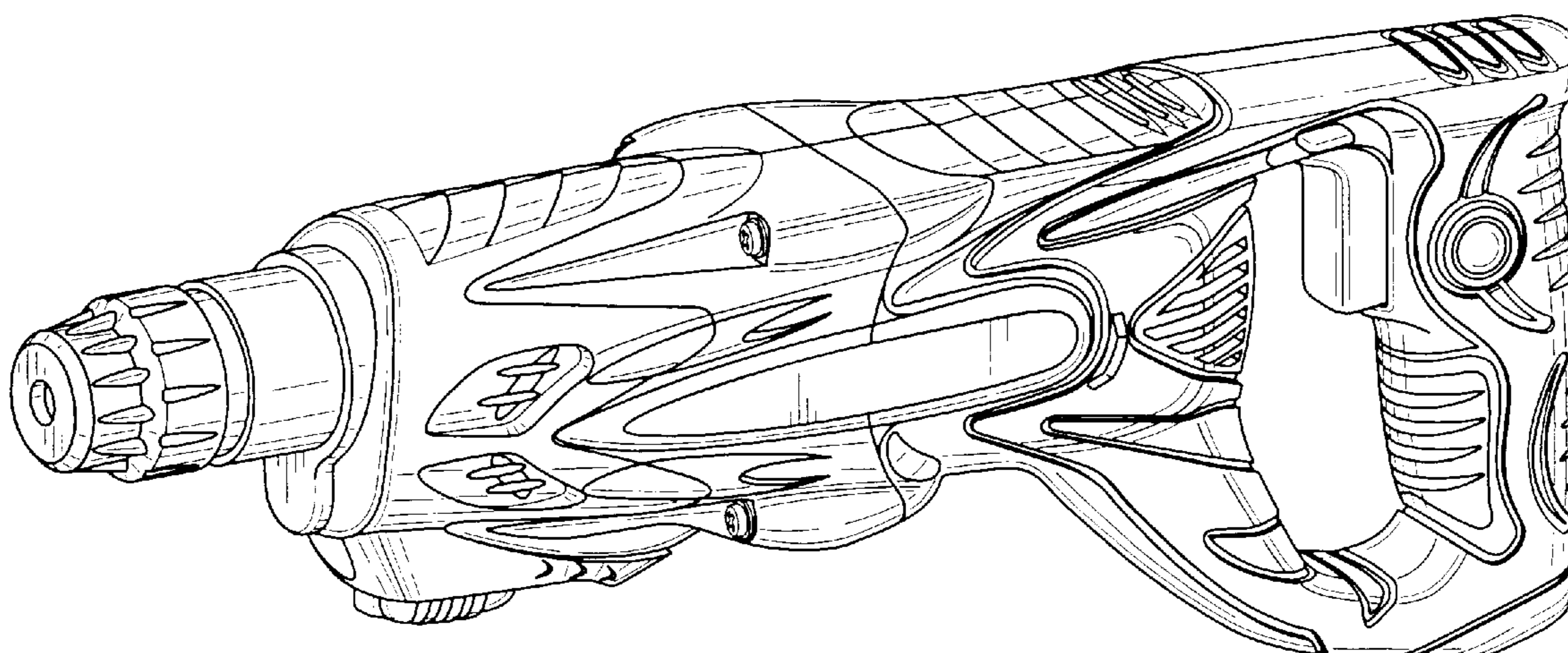
(57) **CLAIM**

The ornamental design for a portable electric hammer drill, as shown.

DESCRIPTION

FIG. 1 is a perspective view of the top, front and left side of a portable electric hammer drill showing our new design; 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 left side elevational view thereof; and, FIG. 7 is a right side elevational view thereof.

1 Claim, 3 Drawing Sheets



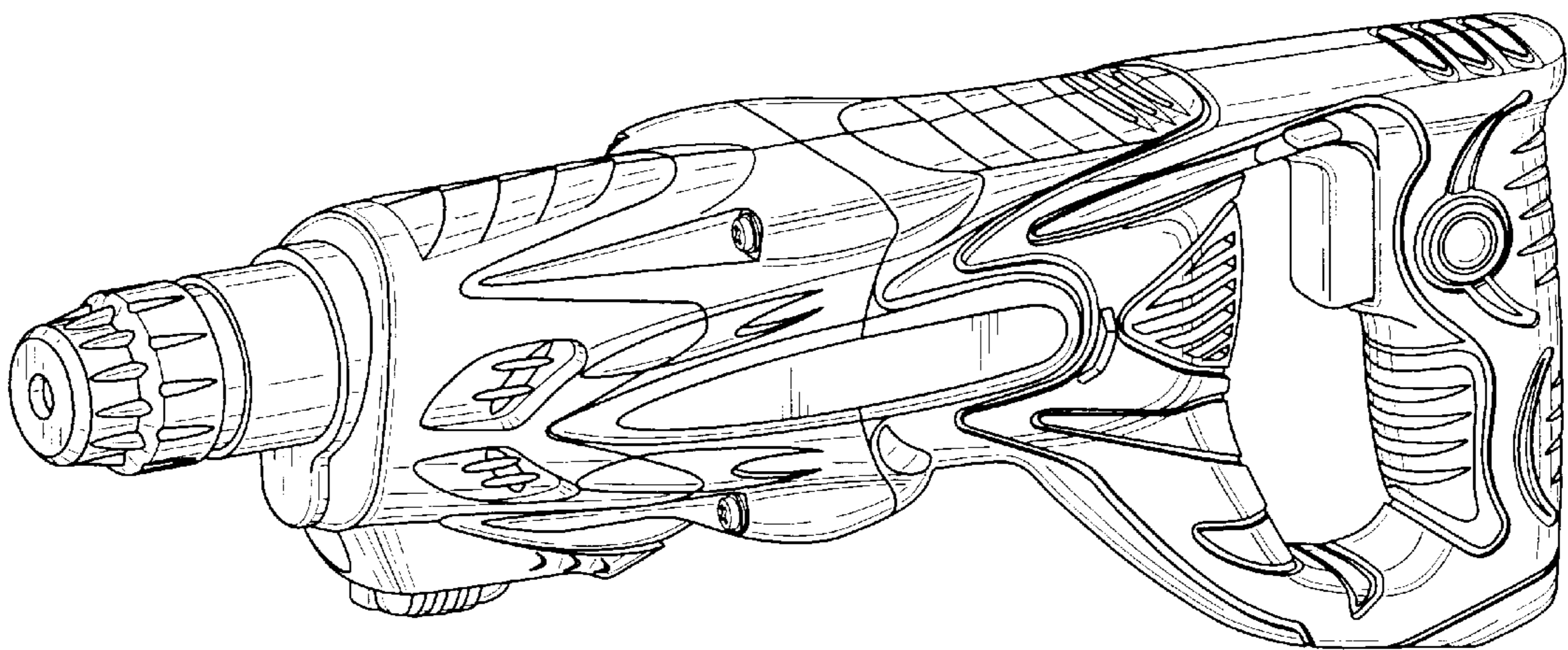


FIG. 1

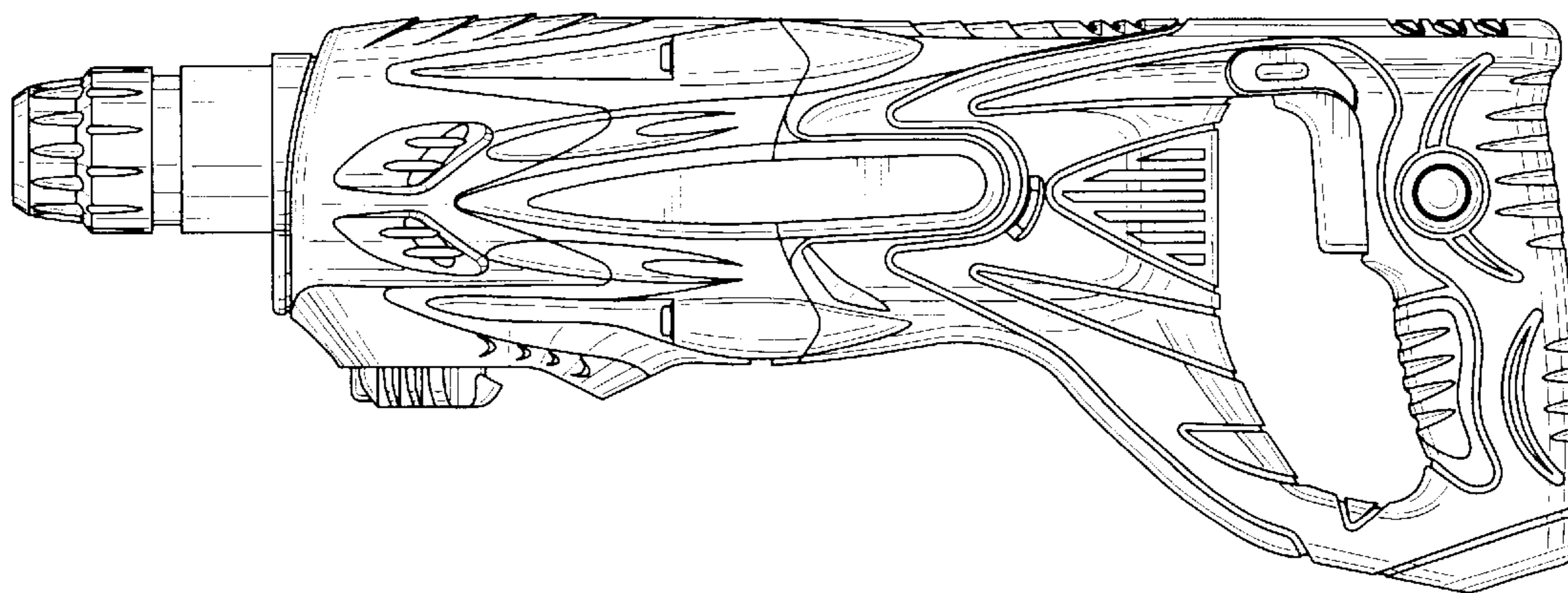


FIG. 2

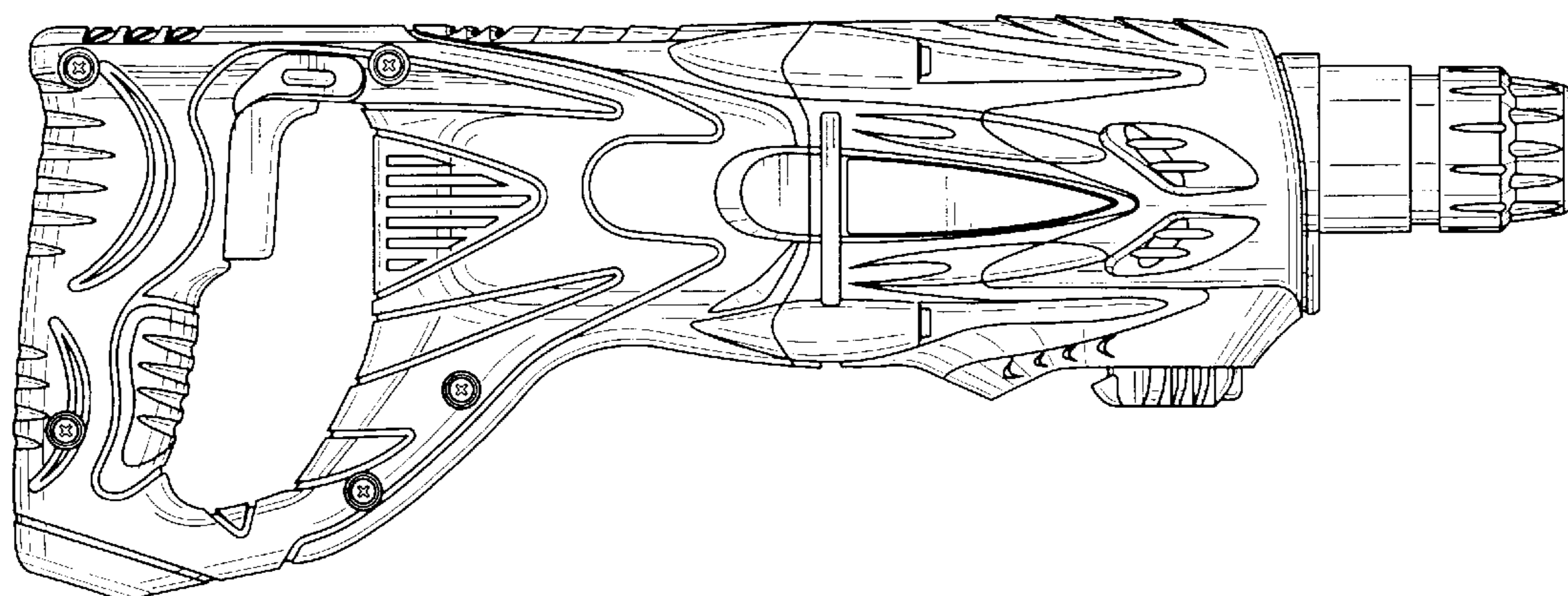


FIG. 3

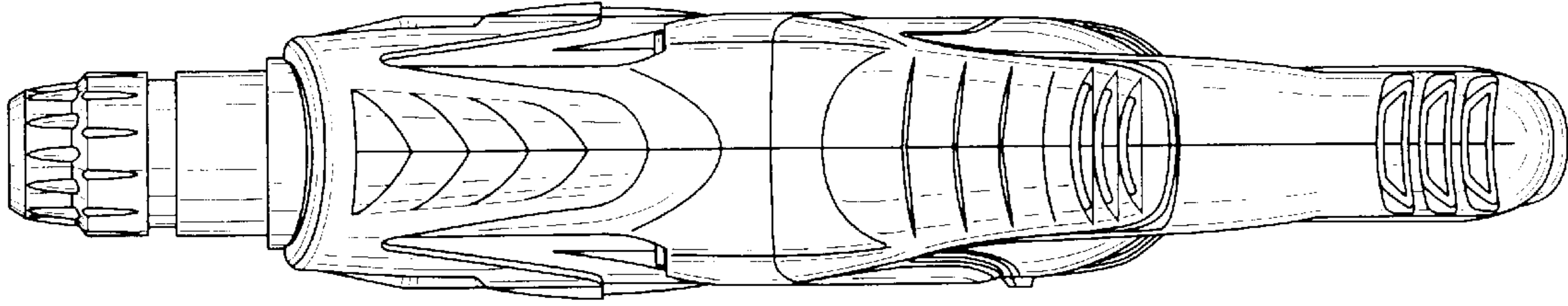


FIG. 4

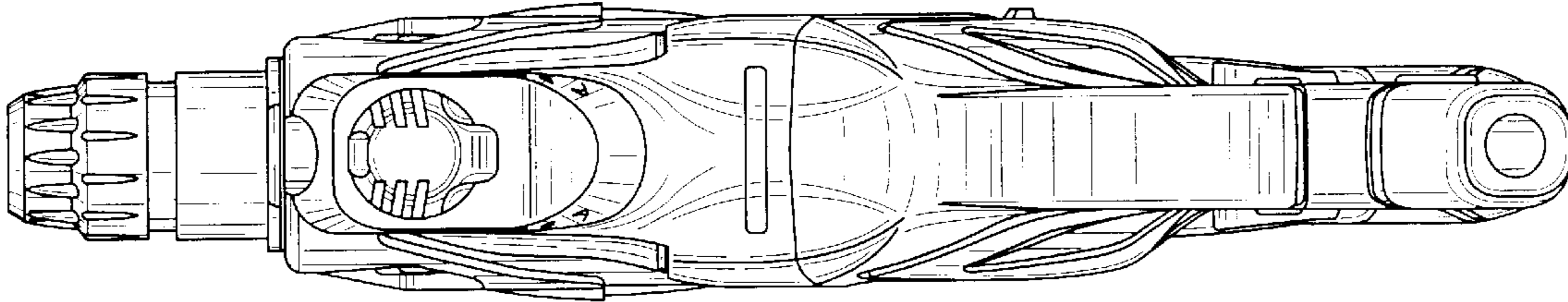


FIG. 5

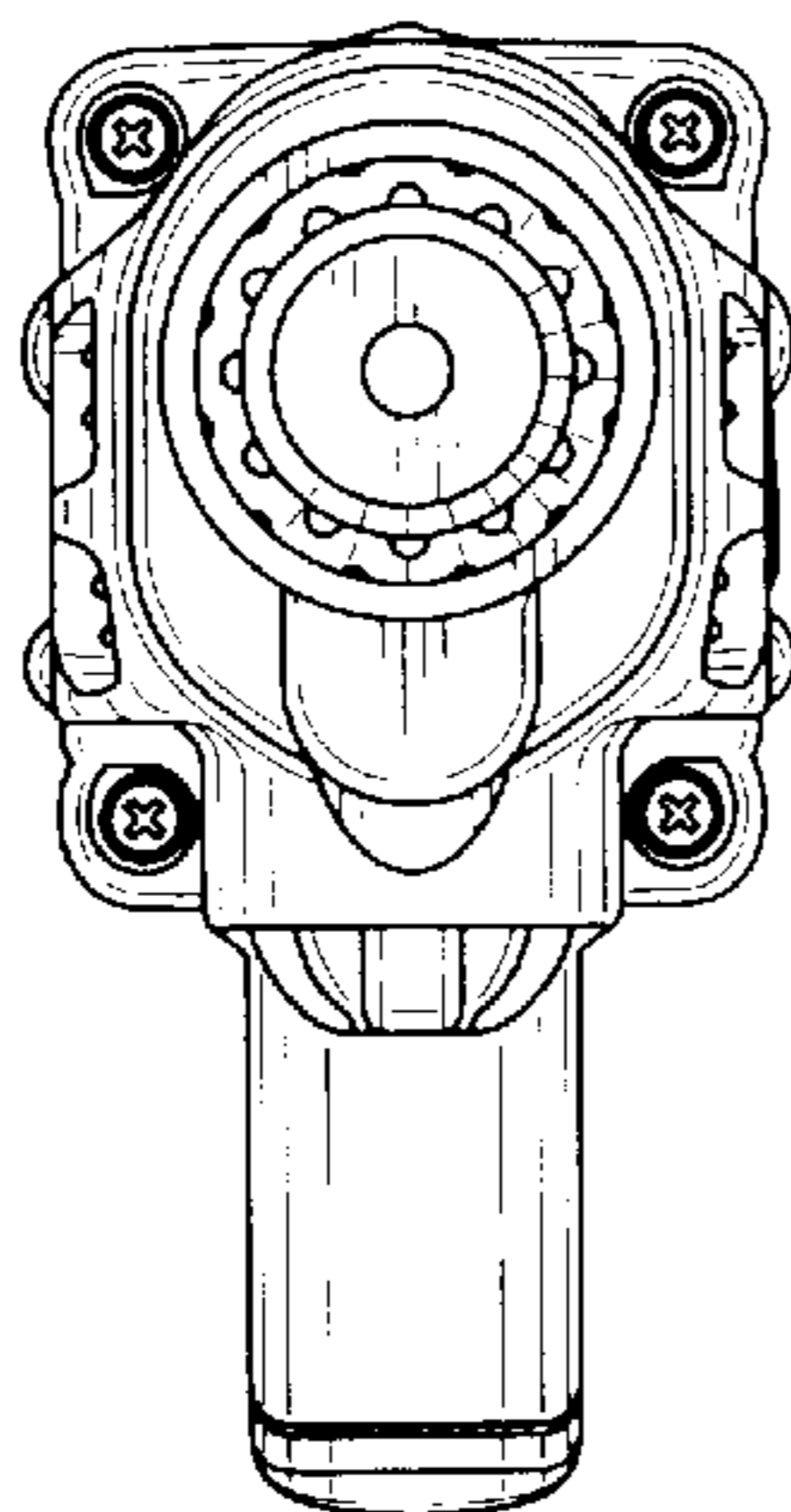


FIG. 6

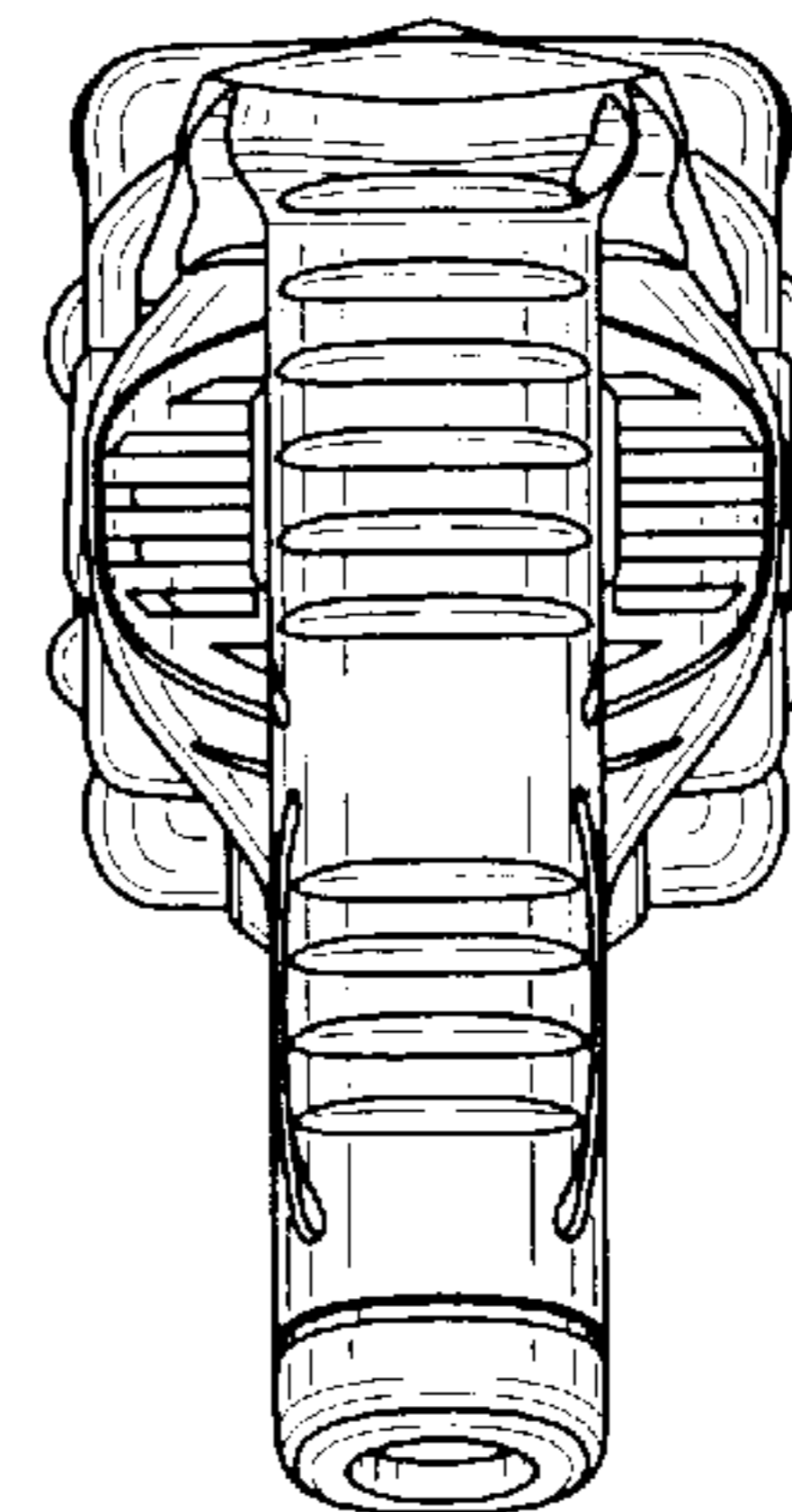


FIG. 7