

US00D495029S1

(12) **United States Design Patent** (10) **Patent No.:** **US D495,029 S**
Hernandez (45) **Date of Patent:** **** Aug. 24, 2004**

(54) **HAND HELD VACUUM PUMP**

(75) **Inventor:** **Hector Ray Hernandez**, Fullerton, CA
(US)

(73) **Assignee:** **Alltrade Tools LLC**, Long Beach, CA
(US)

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

(21) **Appl. No.:** **29/185,696**

(22) **Filed:** **Jul. 1, 2003**

(51) **LOC (7) Cl.** **15-02**

(52) **U.S. Cl.** **D23/231**

(58) **Field of Search** D23/231; 417/440,
417/305, 306, 63; 222/3

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,612,722	A	*	10/1971	Neward	.....	417/63
4,565,506	A	*	1/1986	Williams	.....	417/440
D321,927	S	*	11/1991	Smith et al.	.....	D23/231
5,362,214	A	*	11/1994	Neward	.....	417/440
5,478,216	A	*	12/1995	Neward	.....	417/440
D478,369	S	*	8/2003	Chang	.....	D23/231

OTHER PUBLICATIONS

Instruction Sheet for POWER PROBE Vacuum/ Pressure
Pump, part #HV90, printed prior to Jun., 2002.

Photograph of POWER PROBE Vacuum/Pressure Pump,
part #HV90, shown in Instruction Sheet, on sale prior to
Jun., 2002.

* cited by examiner

Primary Examiner—Robin V. Taylor

(74) *Attorney, Agent, or Firm*—Robert R. Thornton

(57) **CLAIM**

The ornamental design for a hand held vacuum pump, as
shown.

DESCRIPTION

FIG. 1 is a perspective view of a hand held vacuum pump,
showing my new design;

FIG. 2 is a right side elevational view of the hand held
vacuum pump of FIG. 1;

FIG. 3 is a left side elevational view of the hand held
vacuum pump of FIG. 1;

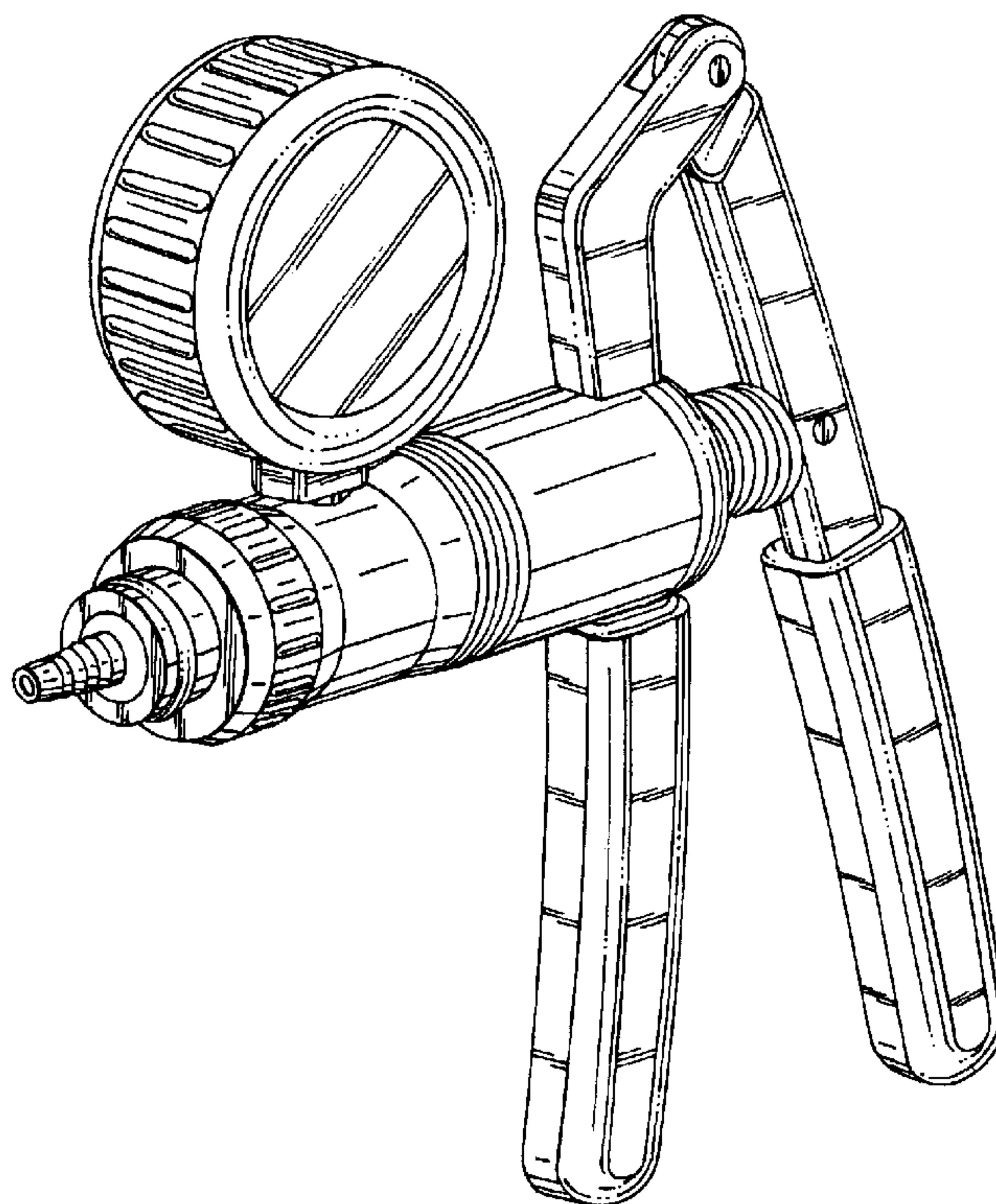
FIG. 4 is a front elevational view of the hand held vacuum
pump of FIG. 1;

FIG. 5 is a rear elevational view of the hand held vacuum
pump of FIG. 1;

FIG. 6 is a top plan view of the hand held vacuum pump of
FIG. 1; and,

FIG. 7 is a bottom plan view of a hand held vacuum pump
of FIG. 1.

1 Claim, 7 Drawing Sheets



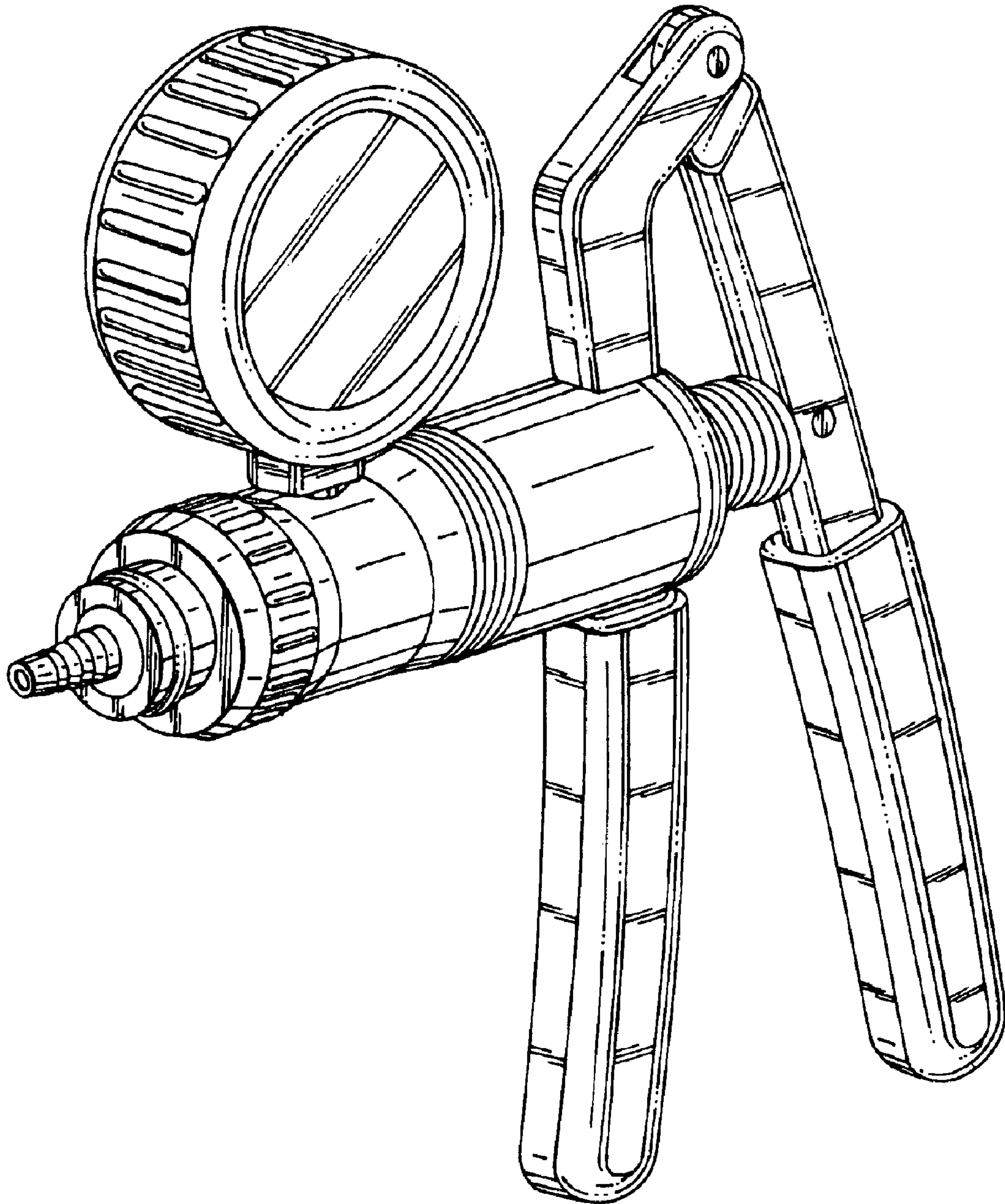


Fig. 1

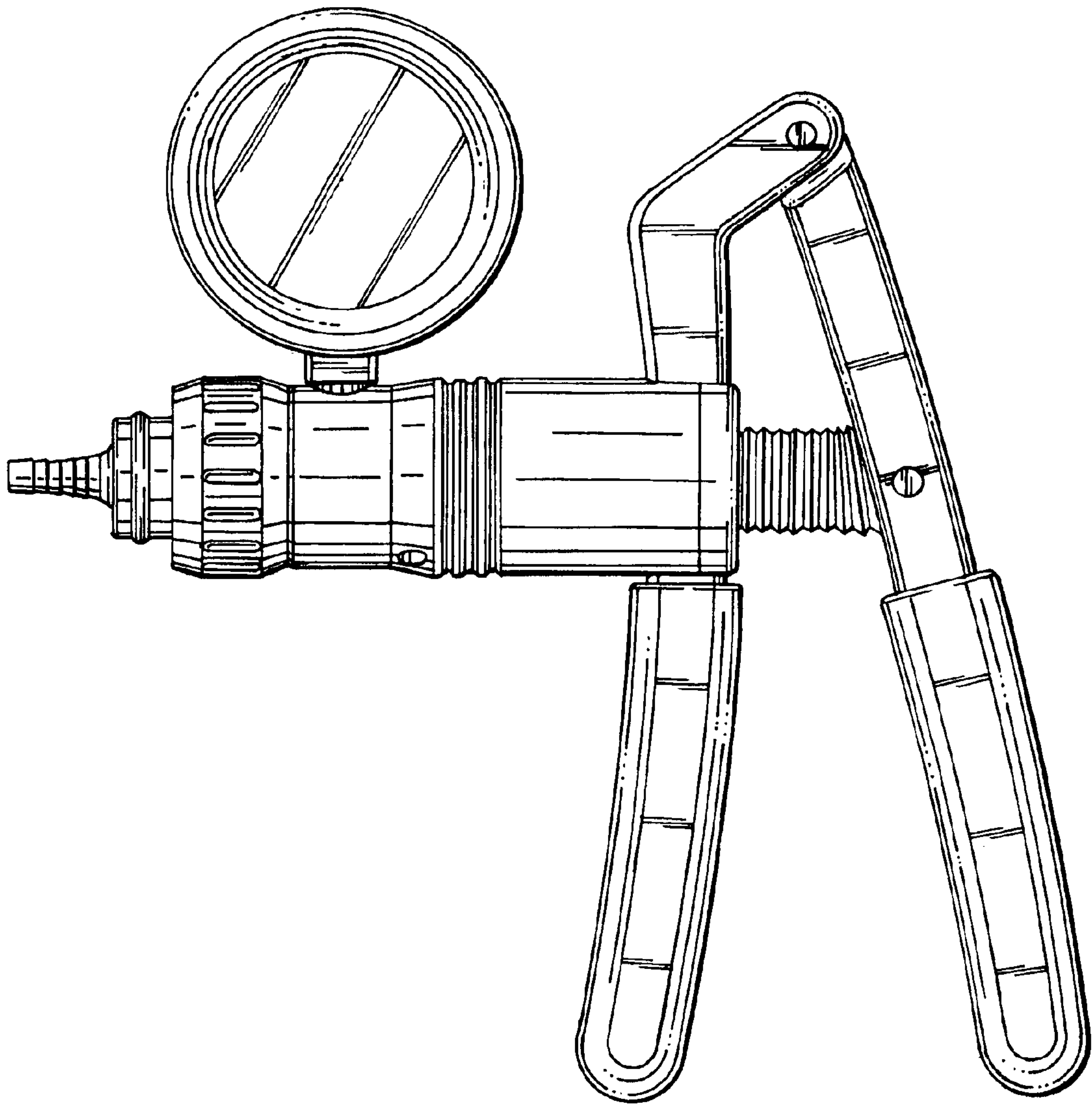


Fig. 2

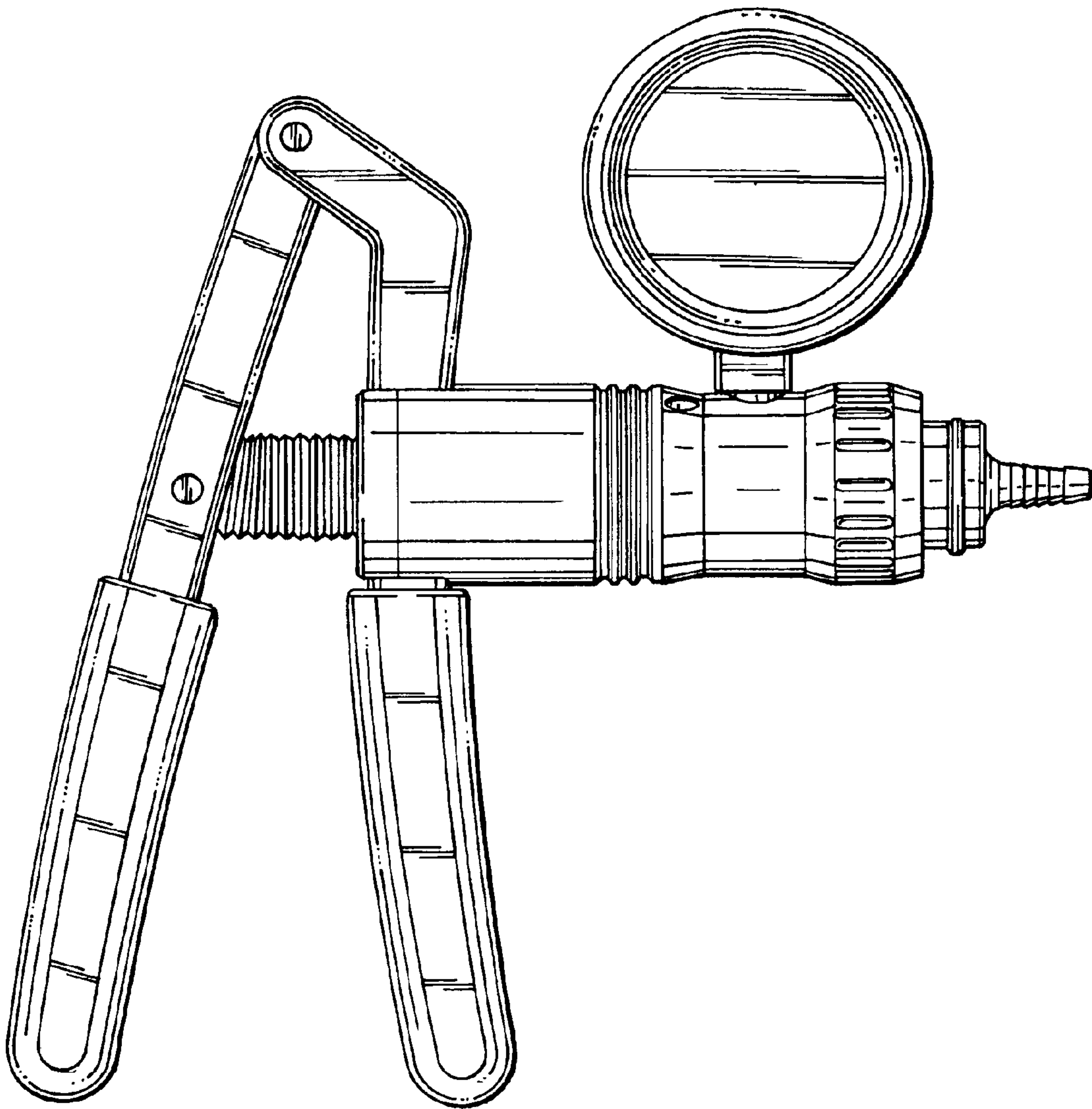


Fig. 3

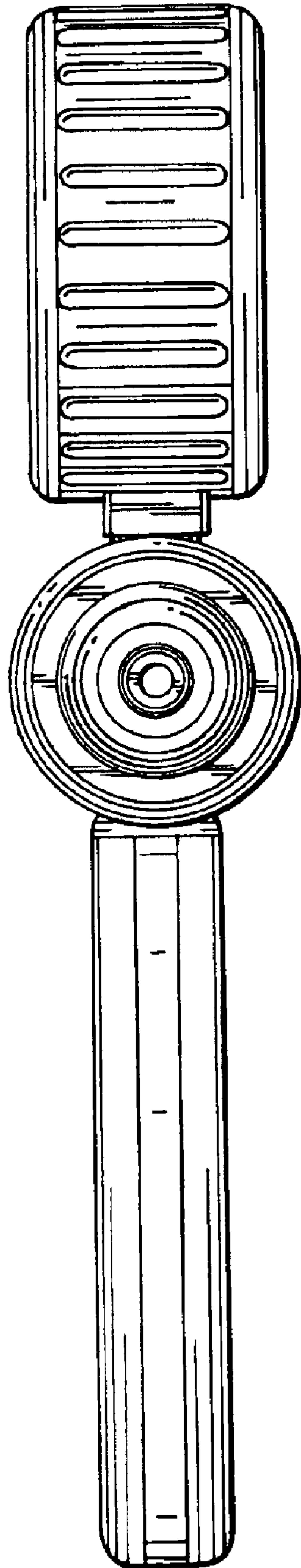


Fig. 4

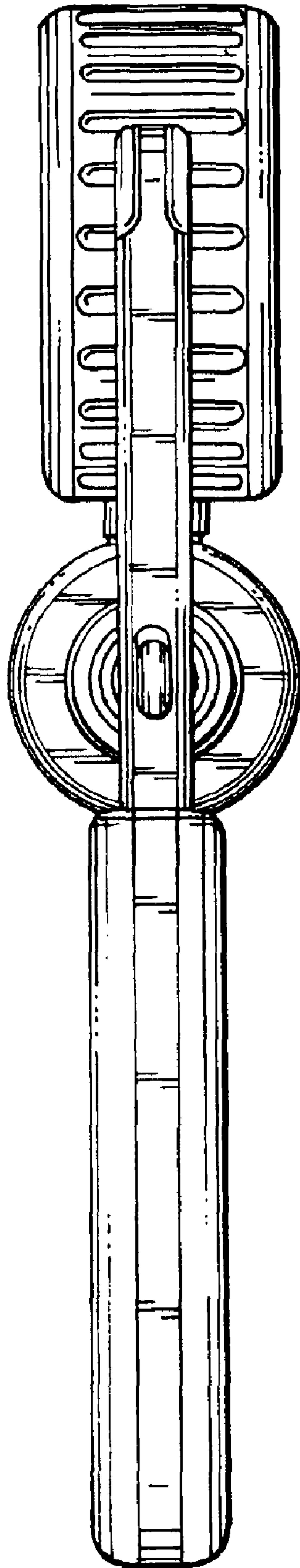


Fig. 5

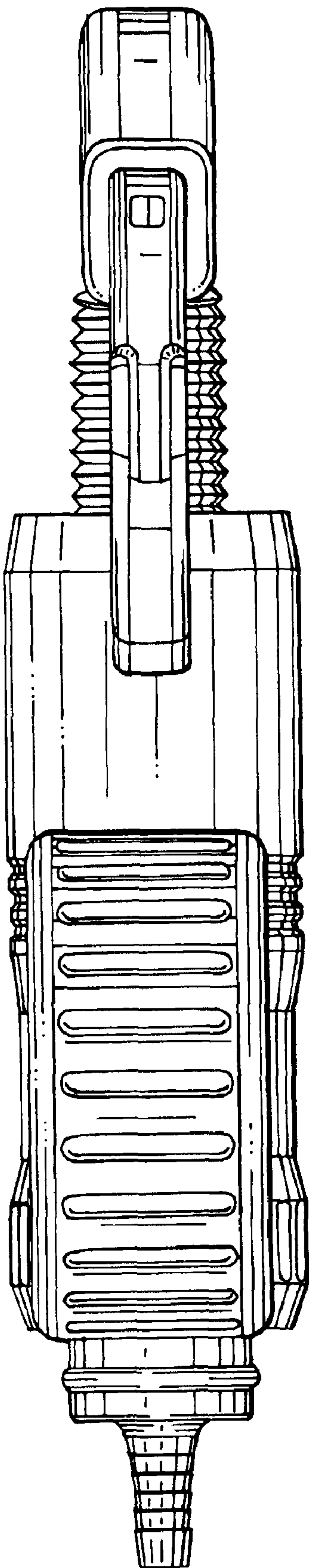


Fig. 6

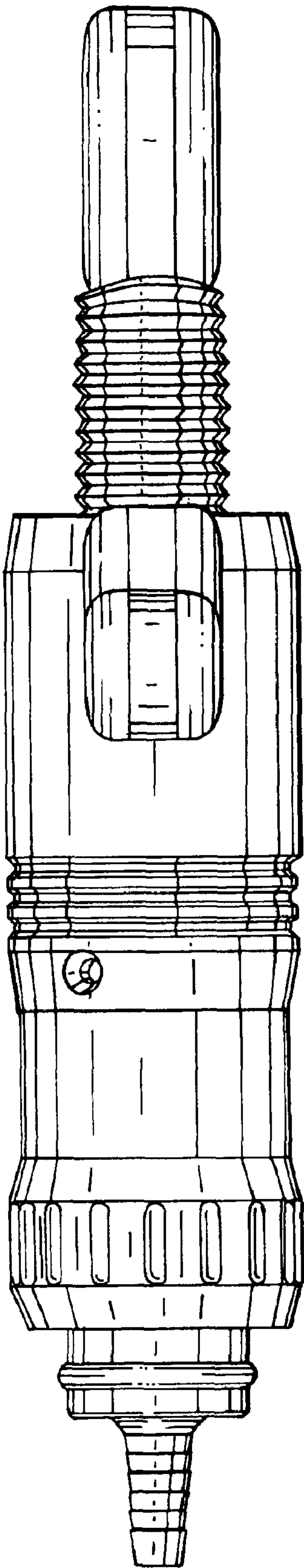


Fig. 7