



US00D325621S

# United States Patent [19]

[11] Patent Number: Des. 325,621

Hengesbach

[45] Date of Patent: \*\* Apr. 21, 1992

[54] FLOW CONTROL VALVE

[76] Inventor: Robert W. Hengesbach, 7886 Munson Rd., Mentor, Ohio 44060

[\*\*] Term: 14 Years

[21] Appl. No.: 312,252

[22] Filed: Feb. 21, 1989

D. 285,478	9/1986	Hengesbach	.....	D23/19
D. 285,479	9/1986	Hengesbach	.....	D23/20
D. 288,229	2/1987	Beal et al.	.....	D23/43
D. 293,127	12/1987	Hengesbach	.....	D23/226
D. 304,487	11/1989	Hengesbach	.....	D23/245
D. 304,488	11/1989	Hengesbach	.....	D23/245
D. 304,489	11/1989	Hengesbach	.....	D23/245
D. 304,490	11/1989	Hengesbach	.....	D23/245
336,602	2/1886	Tomlinson	.	
370,836	10/1887	Wilkins	.	
511,728	12/1893	Deming	.	
564,500	7/1896	Benedict et al.	.	
676,526	6/1901	Anderson	.	
915,694	3/1909	Pendergrass	.	
949,489	2/1910	Mastin	.	
1,605,617	11/1926	Ruemelin	.	
1,743,537	1/1930	Freese	.	
2,072,555	3/1937	Hengesbach et al.	.....	122/144
2,157,269	5/1939	Richter	.....	158/27.4
2,293,390	8/1942	Hengesbach	.....	299/84
2,333,727	9/1945	Lucas	.....	47/49
2,366,969	1/1945	Kiggins	.....	299/140
2,421,103	5/1947	Wadsworth	.....	285/209
2,421,104	5/1947	Wadsworth	.....	285/97.5
2,564,938	8/1951	Warren	.....	285/95
2,657,098	10/1953	Straham	.....	299/131
2,783,092	2/1957	Gavin et al.	.....	299/116
2,788,926	4/1957	Morrison	.....	222/394
2,890,067	6/1959	Morin	.....	285/166
2,929,406	3/1960	Anderson	.....	137/615
3,116,882	1/1964	Vork	.....	239/587
3,202,360	8/1965	O'Brien	.....	239/119
3,319,893	5/1967	Rodgers et al.	.....	239/393
3,475,039	10/1969	Ortloff	.....	285/45
3,566,411	1/1971	Nord et al.	.....	239/581
3,632,046	1/1972	Hengesbach	.....	239/318
3,711,028	1/1973	Hengesbach	.....	239/288.5
3,727,841	4/1973	Hengesbach	.....	239/145
3,756,273	9/1973	Hengesbach	.....	137/540
3,814,329	6/1974	Clark	.....	239/426
3,955,763	5/1976	Pyle et al.	.....	239/119
4,035,004	7/1977	Hengesbach	.....	285/166
4,206,877	6/1980	Hoza, III	.....	239/524
4,449,696	5/1984	Hengesbach	.....	251/231
4,473,328	9/1984	Hengebach	.....	406/152
4,531,675	7/1985	Muck	.....	239/290
4,569,160	2/1986	Hengesbach	.....	51/427
4,629,121	12/1986	Hengesbach	.....	239/119

### Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 255,527, Oct. 7, 1988, which is a continuation-in-part of Ser. No. 224,252, Jul. 26, 1988, and Ser. No. 224,253, Jul. 26, 1988, each is a continuation of Ser. No. 860,758, May 5, 1986, abandoned, and Ser. No. 860,759, May 5, 1986, abandoned, each is a continuation-in-part of Ser. No. 461,872, Jan. 28, 1983, Pat. No. D. 285,478, and Ser. No. 461,873, Jan. 28, 1983, Pat. No. D. 285,479, and a continuation-in-part of Ser. No. 255,525, Oct. 7, 1988, which is a continuation-in-part of Ser. No. 224,252, Jul. 26, 1988, and Ser. No. 224,253, Jul. 26, 1988, each is a continuation of Ser. No. 860,758, May 5, 1986, abandoned, and Ser. No. 860,759, May 5, 1986, abandoned, each is a continuation-in-part of Ser. No. 461,872, Jan. 28, 1983, Pat. No. D. 285,478, and Ser. No. 461,873, Jan. 28, 1983, Pat. No. D. 285,478, and a continuation-in-part of Ser. No. 224,252, Jul. 26, 1988, and a continuation-in-part of Ser. No. 224,253, Jul. 26, 1988, each is a continuation of Ser. No. 860,758, May 5, 1986, abandoned, and Ser. No. 860,759, May 5, 1986, abandoned, each is a continuation-in-part of Ser. No. 461,872, Jan. 28, 1983, Pat. No. D. 285,478, and Ser. No. 461,873, Jan. 28, 1983, Pat. No. D. 285,479.

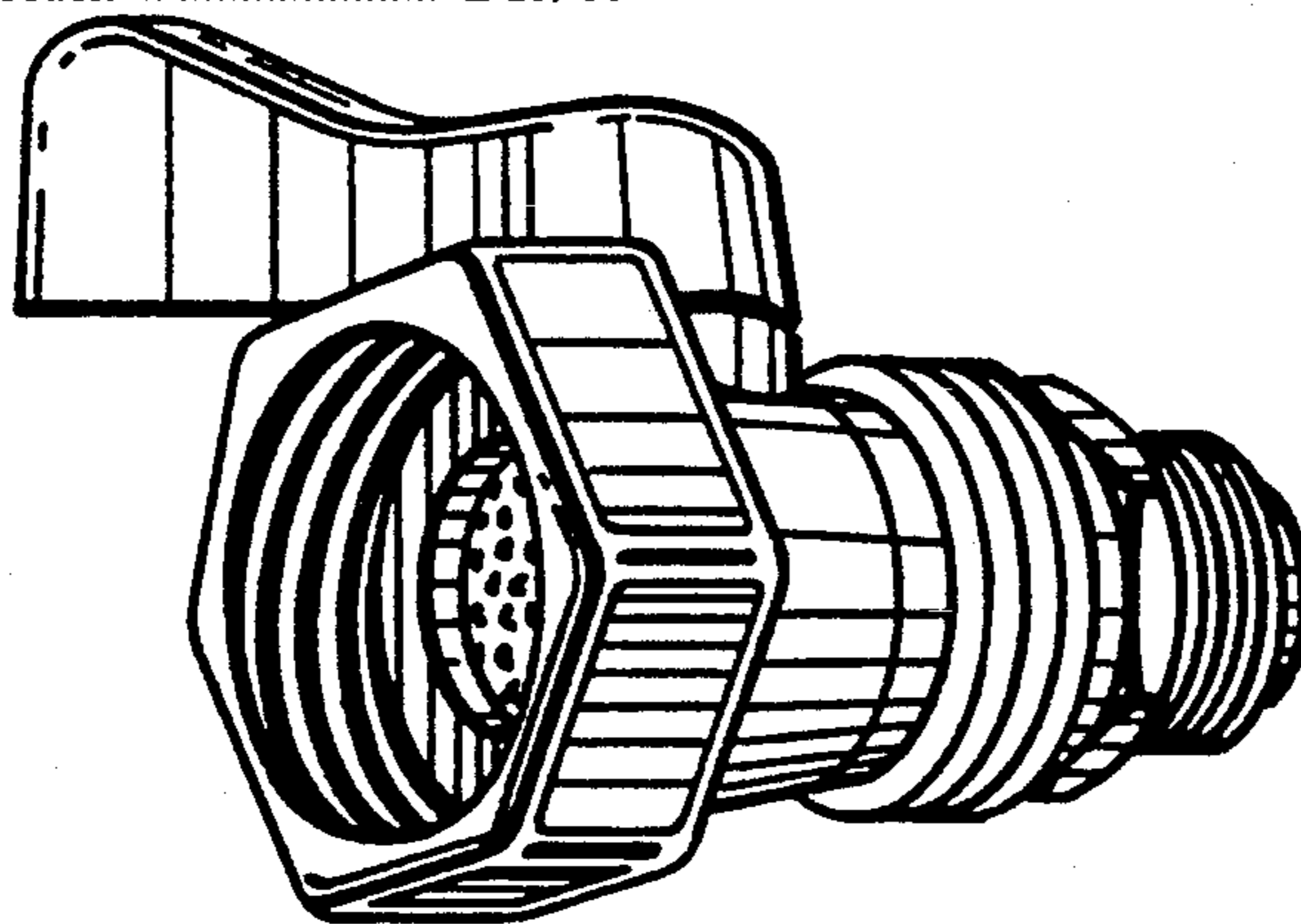
[52] U.S. Cl. .... D23/245

[58] Field of Search ..... D23/223-254;  
239/396, 569, 575, 589

### [56] References Cited

#### U.S. PATENT DOCUMENTS.

D. 183,042	6/1958	Fuglie et al.	.....	D91/3
D. 234,845	4/1975	Davis	.....	D23/1
D. 254,146	2/1980	Koenig	.....	D23/19
D. 254,322	2/1980	Koenig	.....	D23/19
D. 270,368	8/1983	Grime	.....	D23/01
D. 282,392	1/1986	Hengesbach	.....	D23/17
D. 284,301	6/1981	Hengesbach	.....	D23/17
D. 285,242	8/1986	Hengesbach	.....	D23/17
D. 285,477	9/1986	Hengesbach	.....	D23/18



**FOREIGN PATENT DOCUMENTS**

874866	7/1971	Canada .	
937262	11/1973	Canada .	
952559	8/1974	Canada .	
998716	10/1976	Canada .	
1029422	4/1978	Canada .....	299/15
1040236	10/1978	Canada .....	299/15
1045657	1/1979	Canada .	
2266070	10/1976	France .	

**OTHER PUBLICATIONS**

Brochure, Tri-Con, Inc., 4 pages, dated Jan. 1, 1977, entitled: We Make the System.

Brochure, Spraying Systems Co., Catalog 27, pp. 75-79, 1978, entitled: Spray Nozzles and Accessories.

Brochure, Spraying Systems Co., Bulletin 179F, 7 pages, 1971, entitled: Spray Nozzles, Spray Guns, Valves and Accessories.

Brochure, Tri-Con, Inc., 2 pages, date unknown, enti-

itled: Tri-Con Rust-Fighter Vehicle Inner-Body Coating System 9000.

*Primary Examiner*—James R. Largen  
*Attorney, Agent, or Firm*—David A. Burge

[57] **CLAIM**

The ornamental design for a flow control valve, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a flow control valve showing my new design;  
FIG. 2 is a left end elevational view thereof;  
FIG. 3 is a right end elevational view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a perspective view of a second embodiment thereof;  
FIG. 7 is a left end elevational view of FIG. 6;  
FIG. 8 is a right end elevational view of FIG. 6;  
FIG. 9 is a top plan view of FIG. 6; and,  
FIG. 10 is a bottom plan view of FIG. 6.

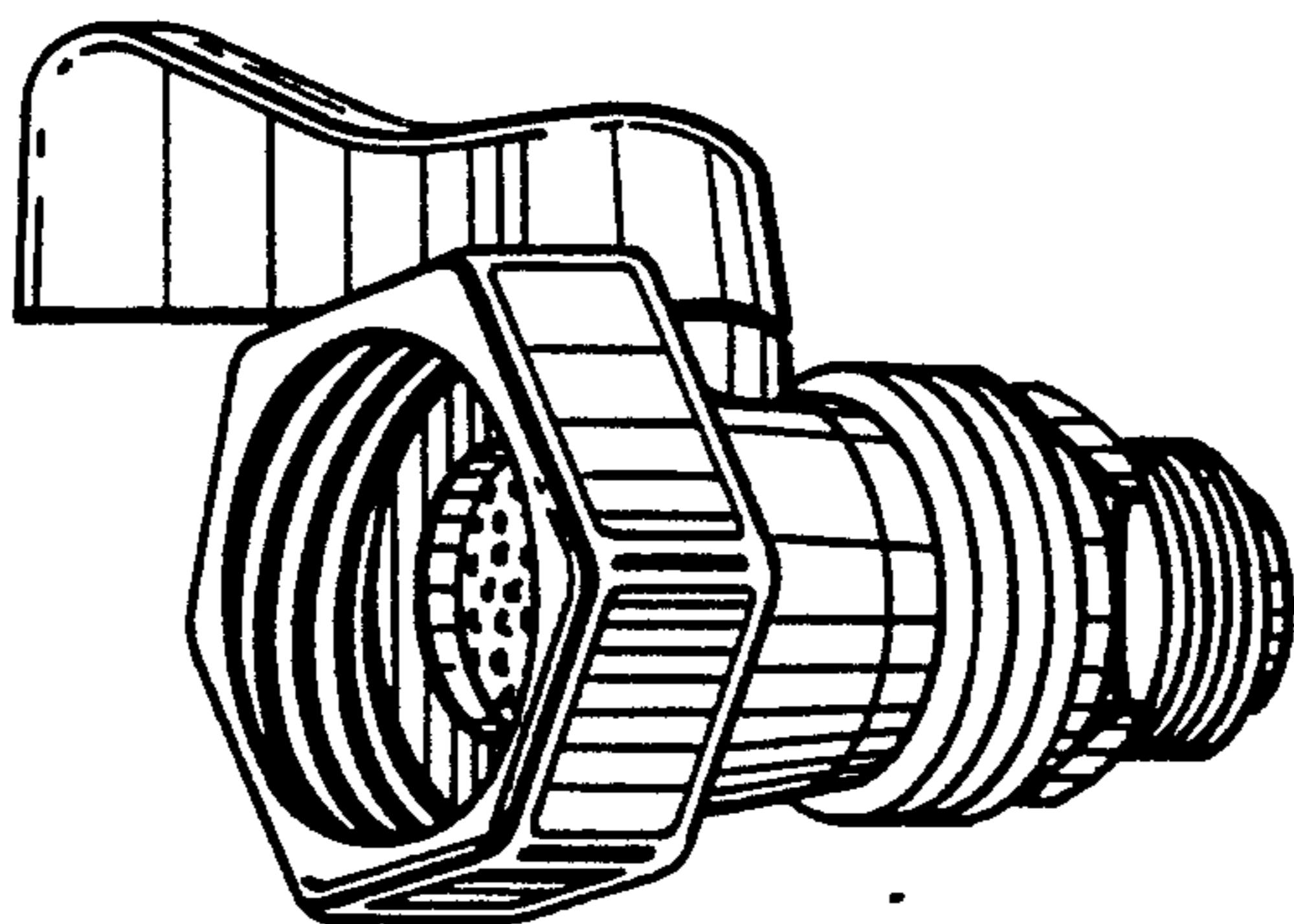


FIG. 1

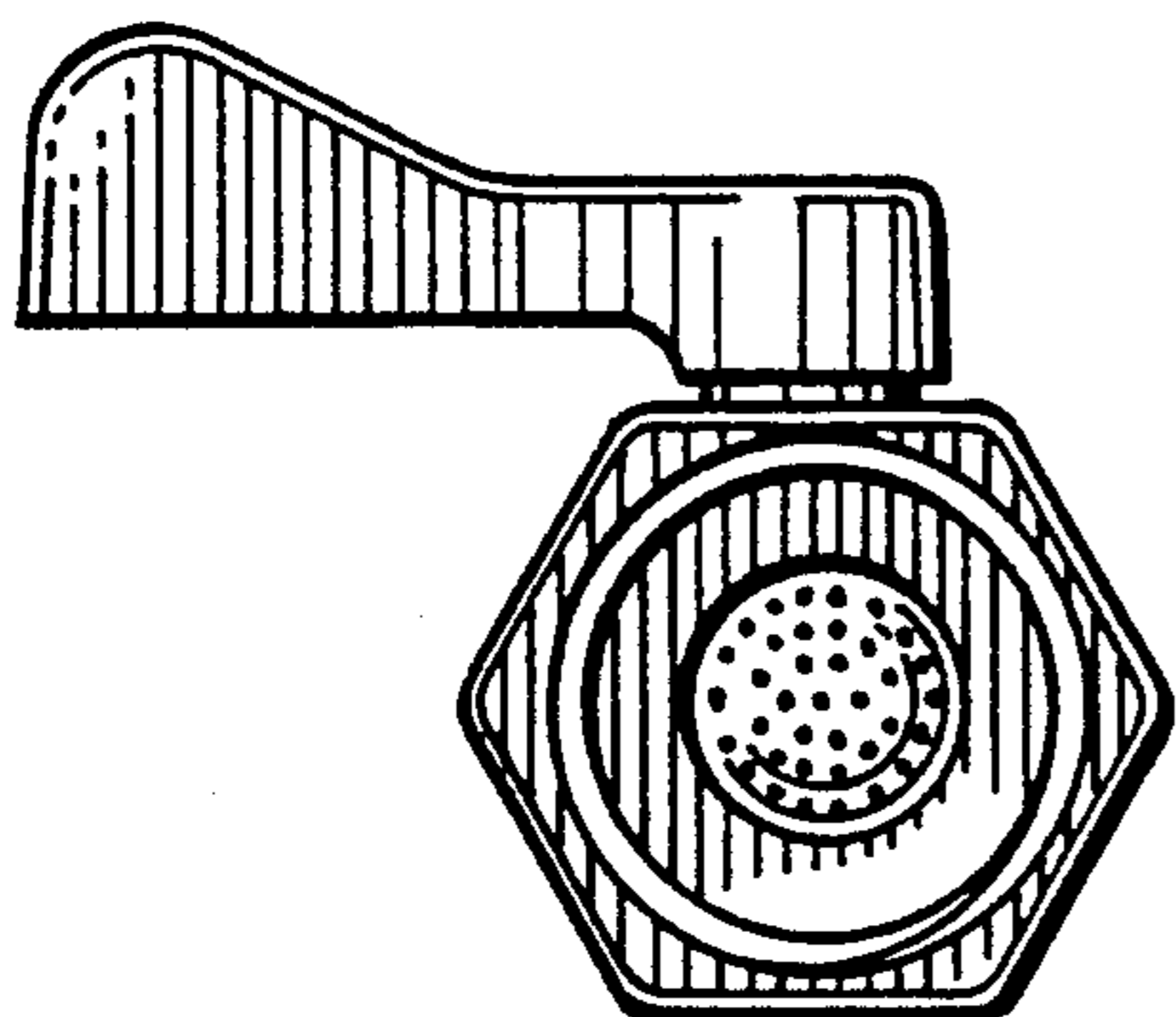


FIG. 2

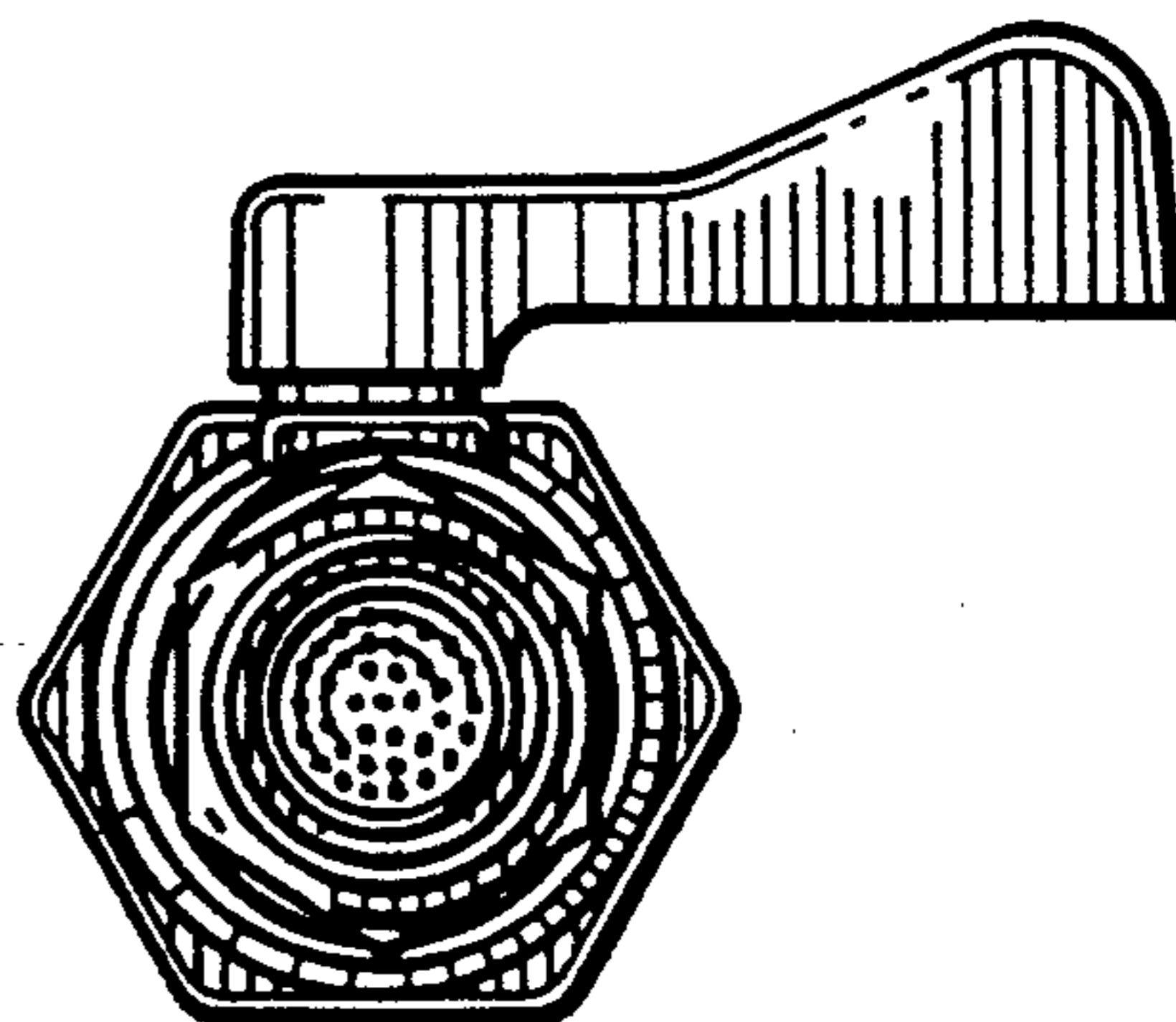


FIG. 3

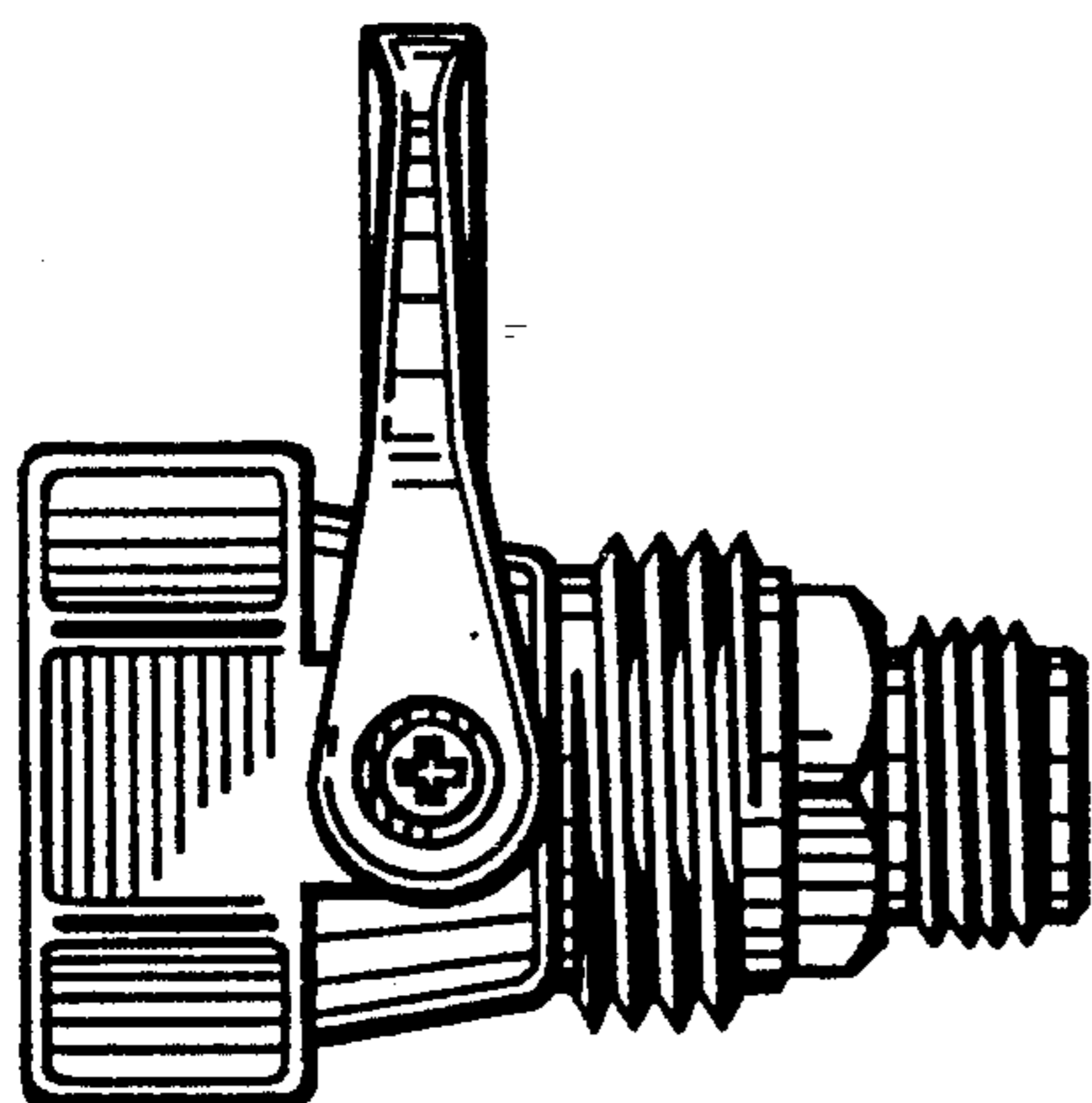


FIG. 4

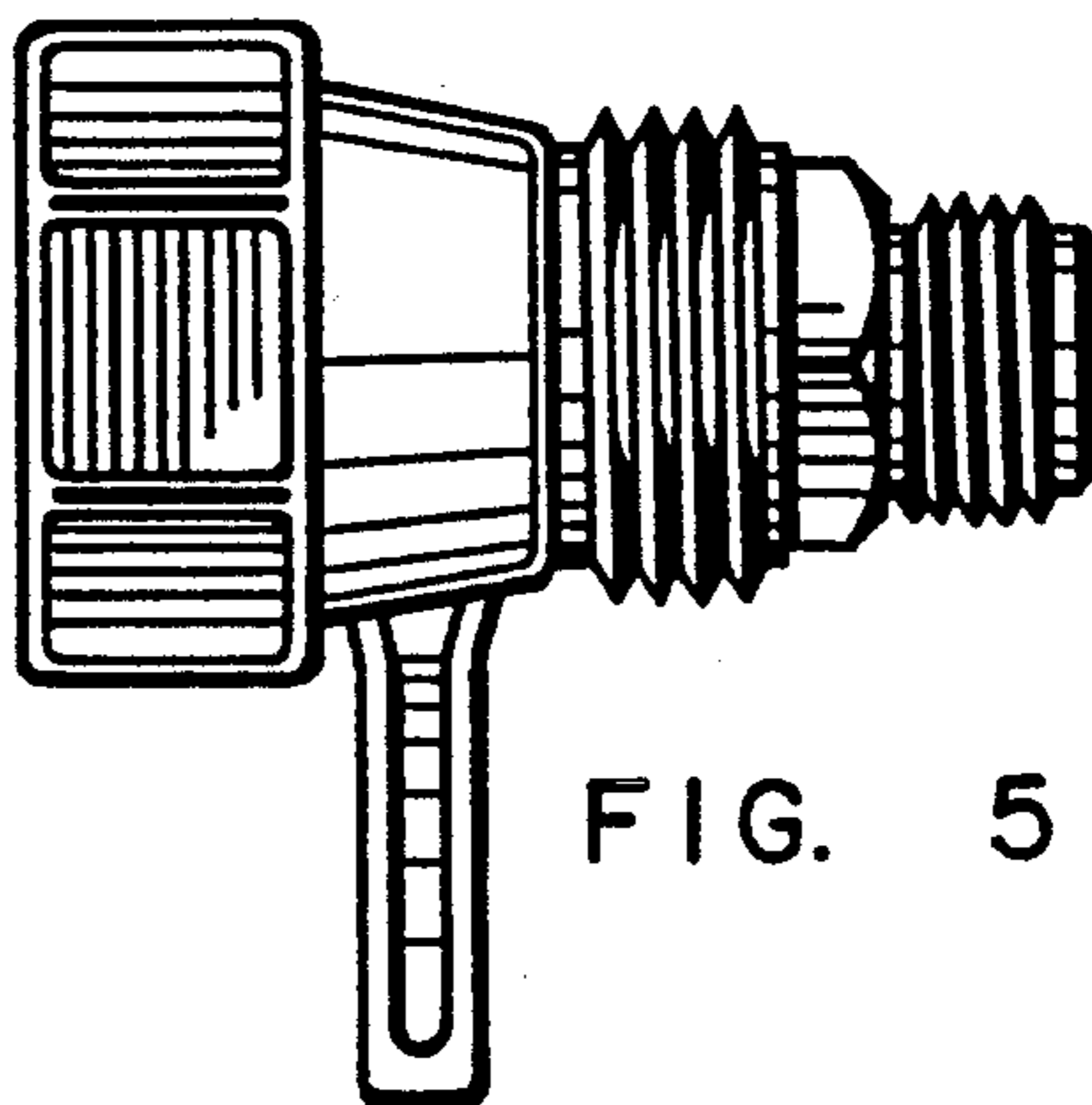


FIG. 5

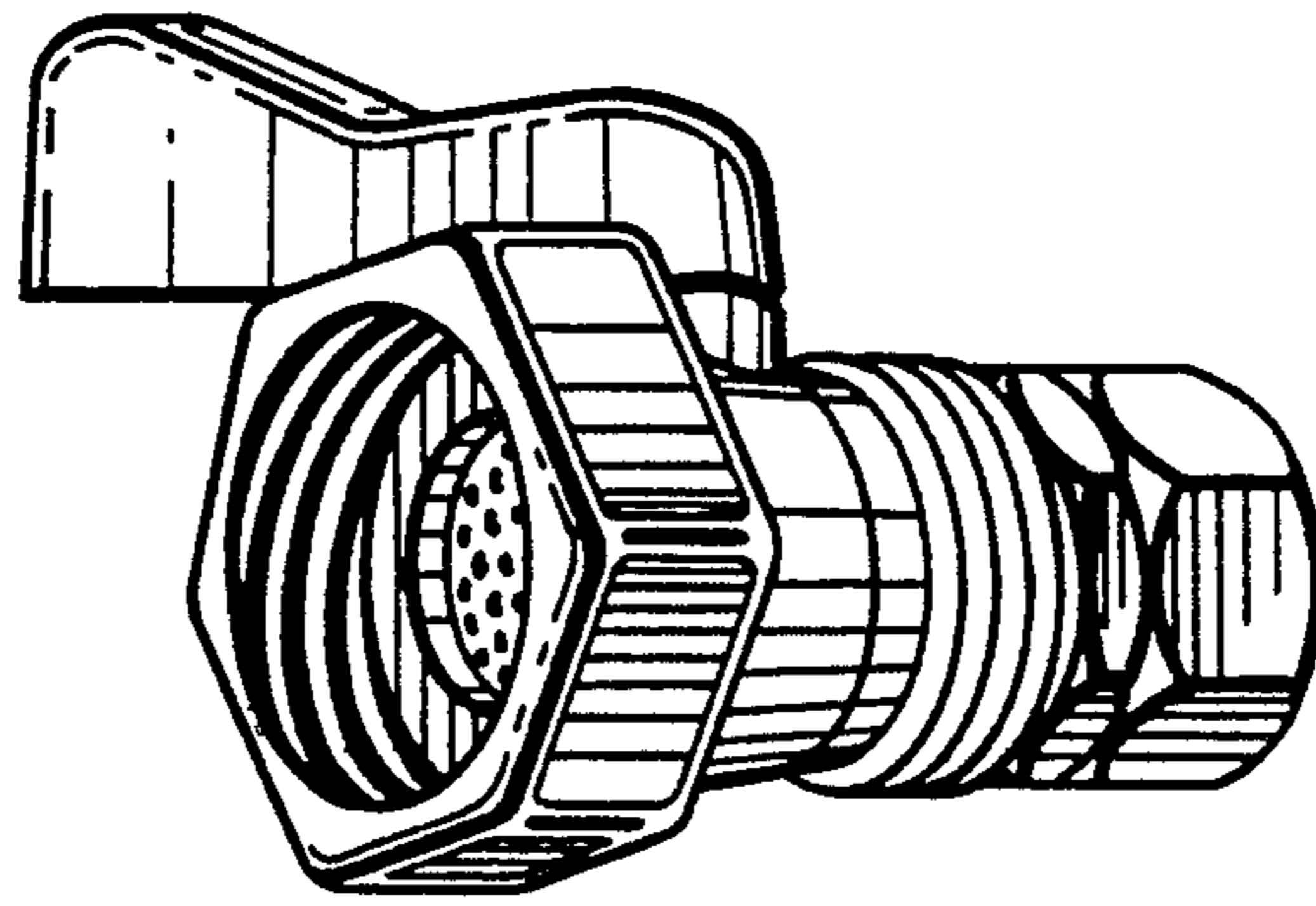


FIG. 6

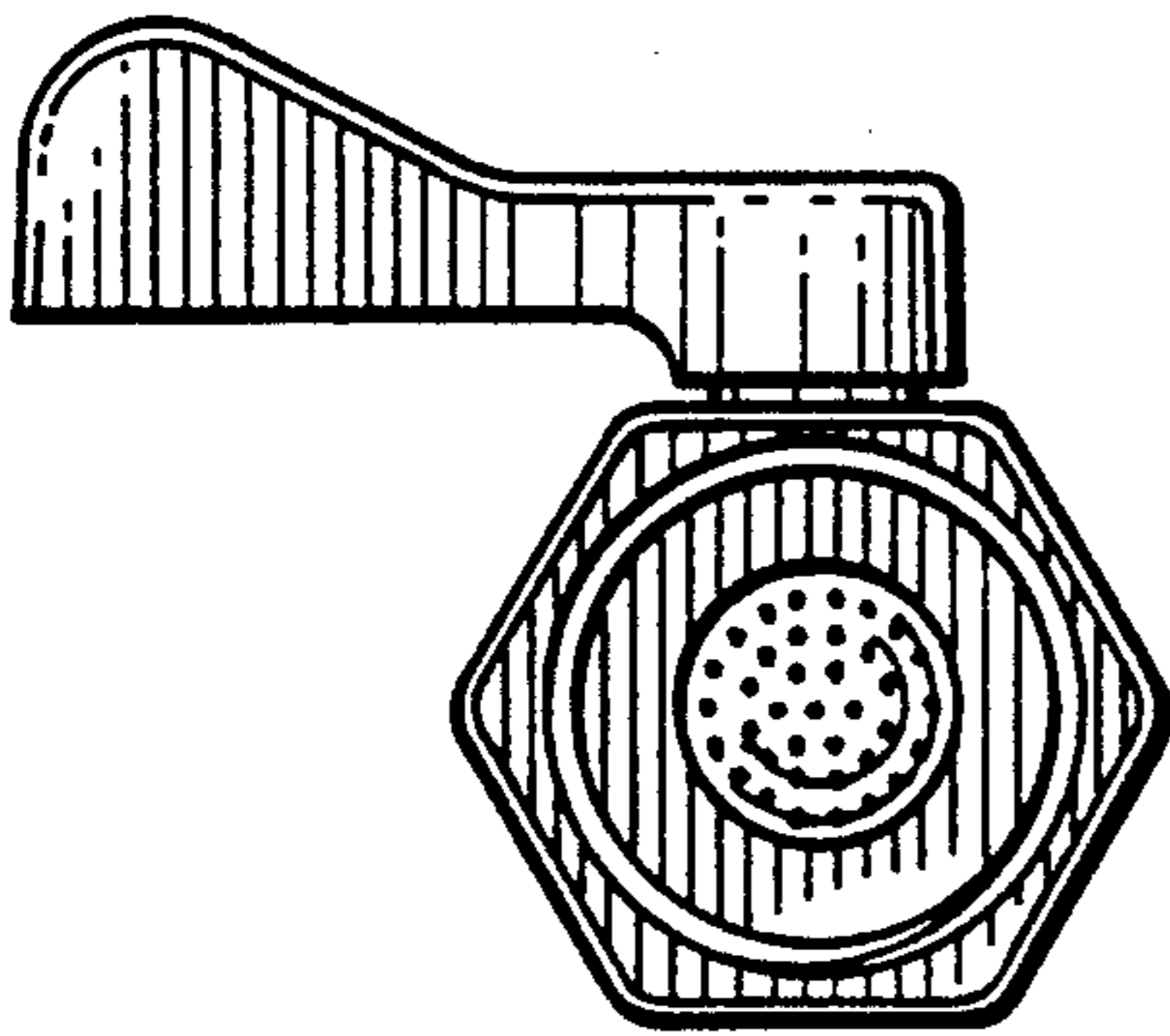


FIG. 7

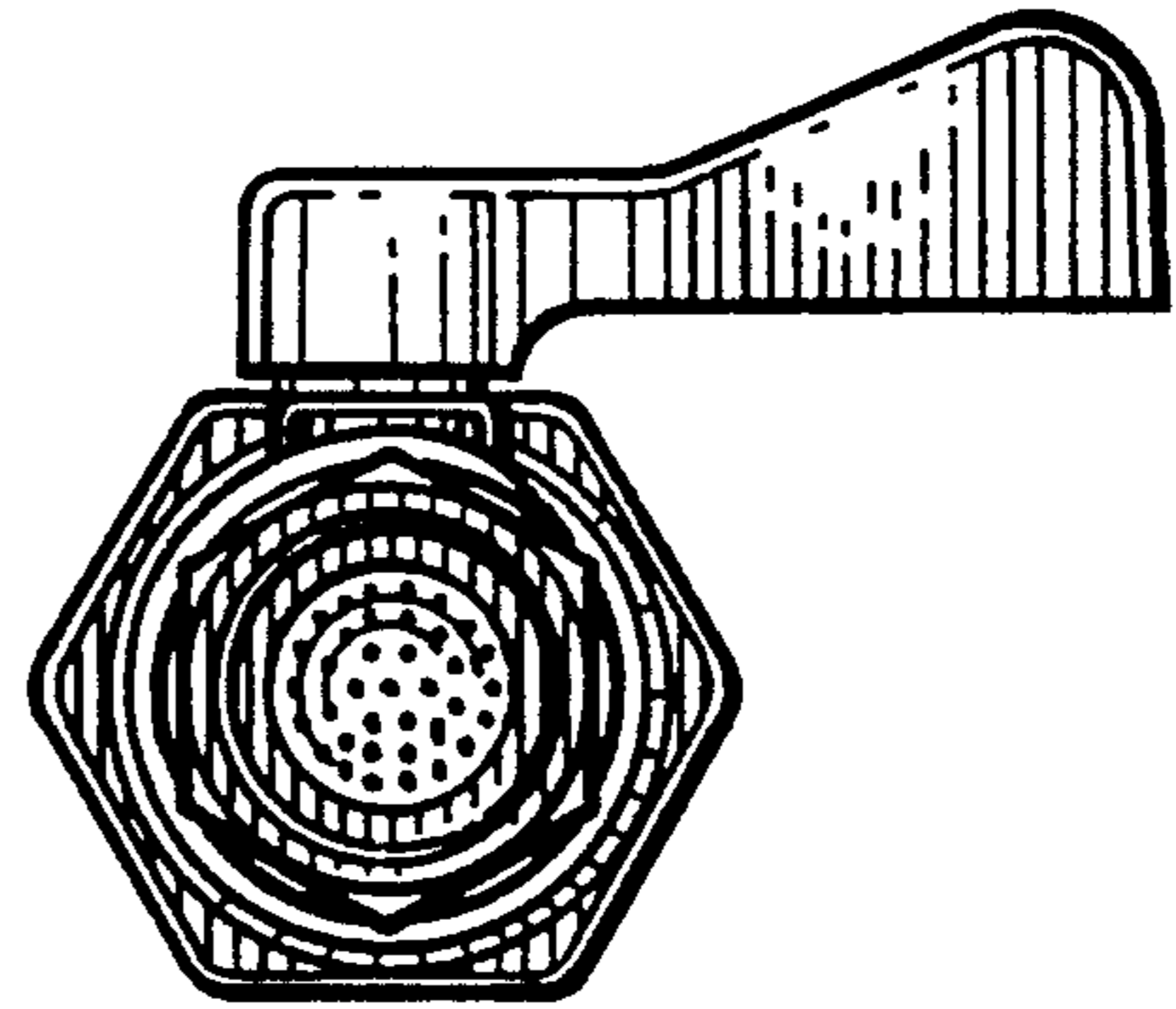


FIG. 8

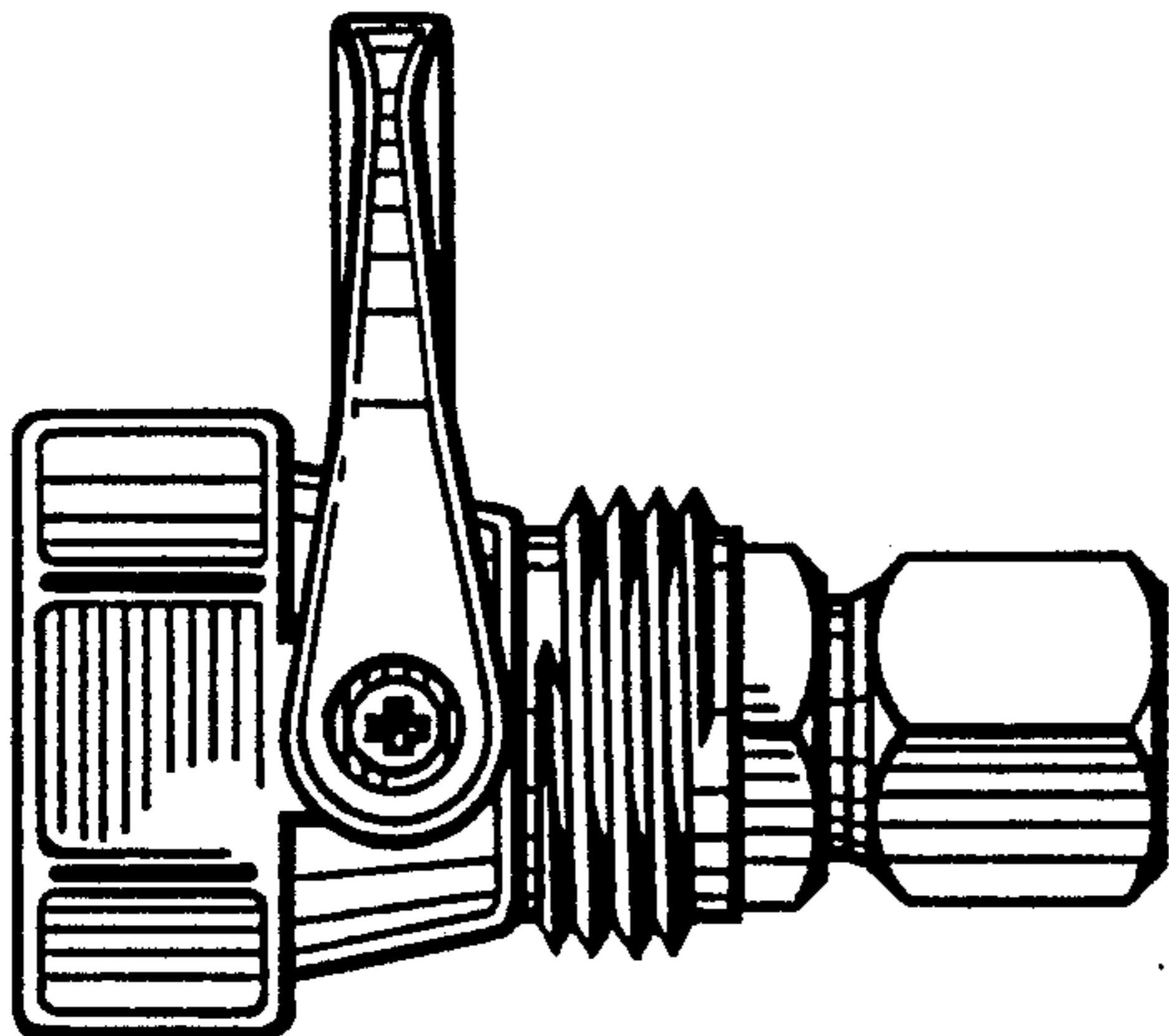


FIG. 9

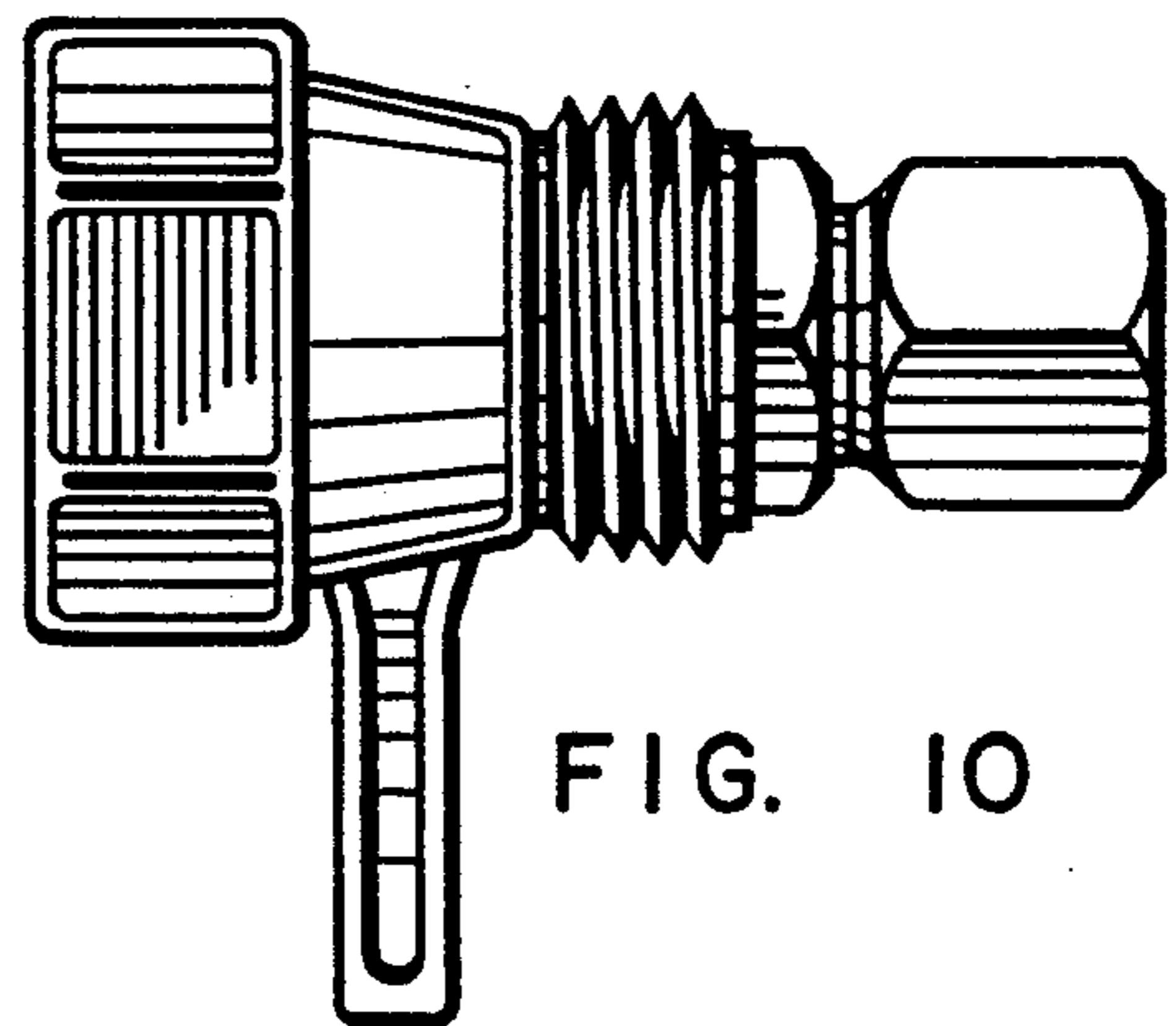


FIG. 10