



US00D344355S

United States Patent [19]

[11] Patent Number: Des. 344,355

Talonn et al.

[45] Date of Patent: ** Feb. 15, 1994

[54] SAFETY SYRINGE

[75] Inventors: Daniel A. Talonn, University City; Alan B. Ranford, Creve Coeur, both of Mo.

[73] Assignee: Sherwood Medical Company, St. Louis, Mo.

[**] Term: 14 Years

[21] Appl. No.: 884,779

[22] Filed: May 15, 1992

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 627,062, Mar. 1, 1991, Pat. No. 5,147,326, which is a continuation-in-part of Ser. No. 212,528, Jun. 28, 1988, Pat. No. 5,053,018.

[52] U.S. Cl. D24/112; D24/114; D24/130

[58] Field of Search 128/770, 763; 604/198, 604/110, 263, 192, 197; D24/112, 114, 130

[56] References Cited

U.S. PATENT DOCUMENTS

D. 313,470	1/1991	Talonn et al.	D24/114
2,571,653	10/1951	Bastien	128/218
3,485,239	12/1969	Vanderbeck	604/192
3,780,734	12/1973	Wulff	128/218 R
3,890,971	6/1975	Leeson et al.	128/218 R
4,139,009	2/1979	Alvarez	128/218 N
4,249,530	2/1981	Millet	604/192
4,356,822	11/1982	Winstead-Hall	128/215
4,425,120	1/1984	Sampson et al.	604/198
4,573,976	3/1986	Sampson et al.	604/198
4,631,057	12/1986	Mitchell	604/198
4,643,199	2/1987	Jennings, Jr. et al.	128/763
4,650,468	3/1987	Jennings, Jr.	604/110
4,655,751	4/1987	Harbaugh	604/198
4,666,435	5/1987	Braginetz	604/198
4,681,567	7/1987	Masters et al.	604/198
4,693,708	9/1987	Wanderer et al.	604/198
4,695,274	9/1987	Fox	604/198
4,702,738	10/1987	Spencer	604/198
4,723,943	2/1988	Spencer	604/198
4,731,059	3/1988	Wanderer et al.	604/192
4,737,144	4/1988	Choksi	604/198

4,743,233	5/1988	Schneider	604/192
4,758,231	7/1988	Haber et al.	605/198
4,772,272	9/1988	McFarland	604/198
4,782,841	11/1988	Lopez	128/164
4,790,828	12/1988	Dombrowski et al.	604/198
4,801,295	1/1989	Spencer	604/198
4,810,248	3/1989	Masters et al.	604/192
4,813,426	3/1989	Haber et al.	128/763
4,842,587	6/1989	Poncy	604/198
4,871,355	10/1989	Kikkawa	604/198
4,874,383	10/1989	McNaughton	604/198
4,923,445	5/1990	Ryan	604/195
4,927,018	5/1990	Yang et al.	206/365
4,929,237	5/1990	Medway	604/198
4,935,016	6/1990	Deleo	604/198
4,994,045	2/1991	Ranford	604/198
4,998,920	3/1991	Johnson	604/198
4,998,924	3/1991	Ranford	604/798
5,024,616	6/1991	Ogle, II	604/192
5,024,660	6/1991	McNaughton	604/110
5,088,988	2/1992	Talonn et al.	604/263 X

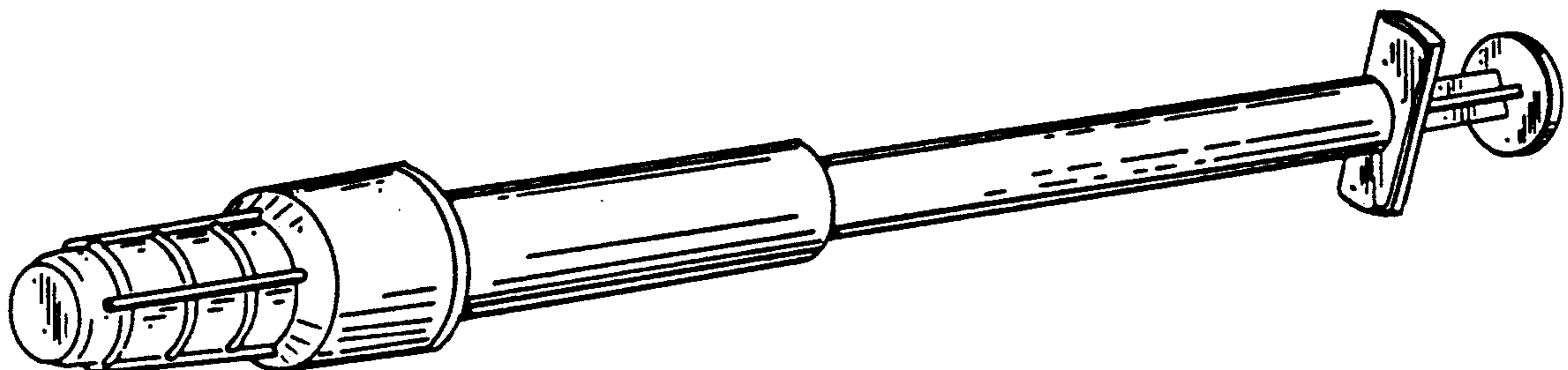
Primary Examiner—A. Hugo Word
Assistant Examiner—I. Simmons
Attorney, Agent, or Firm—Andrew J. Beck; Montgomery W. Smith; Richard D. Allison

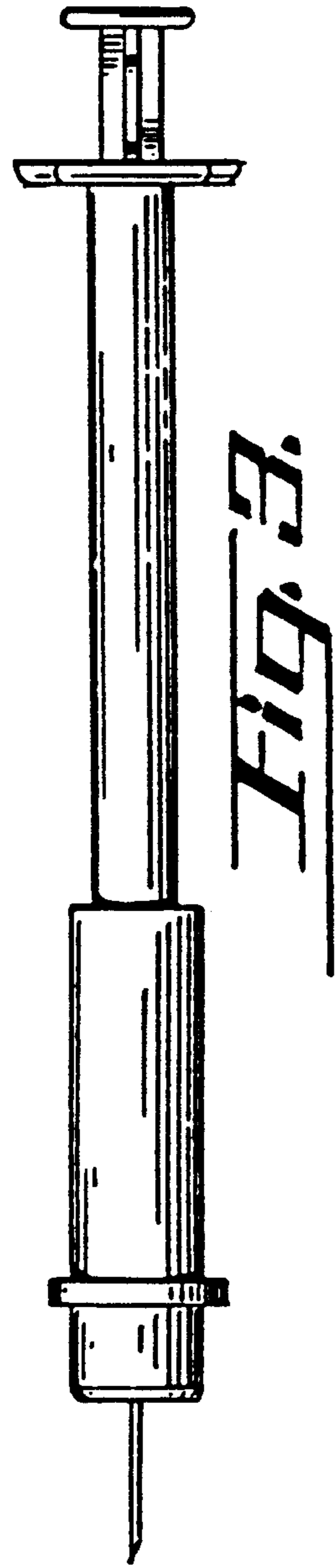
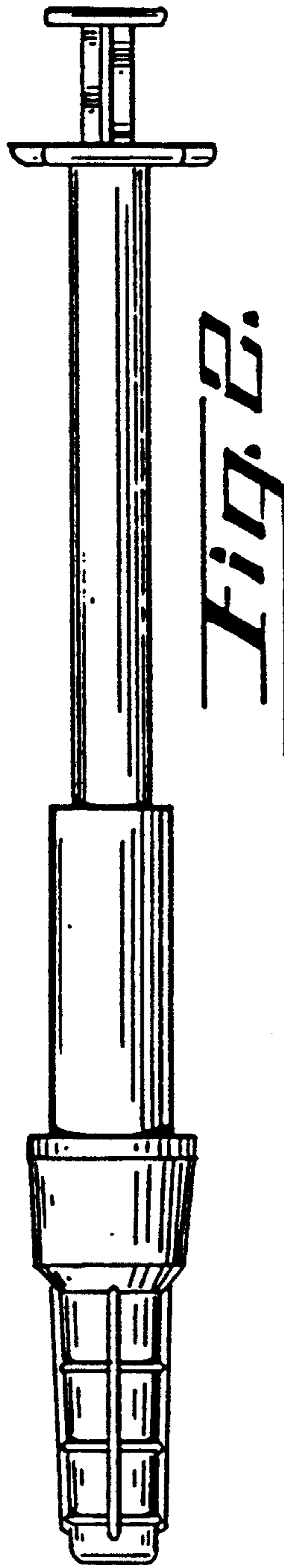
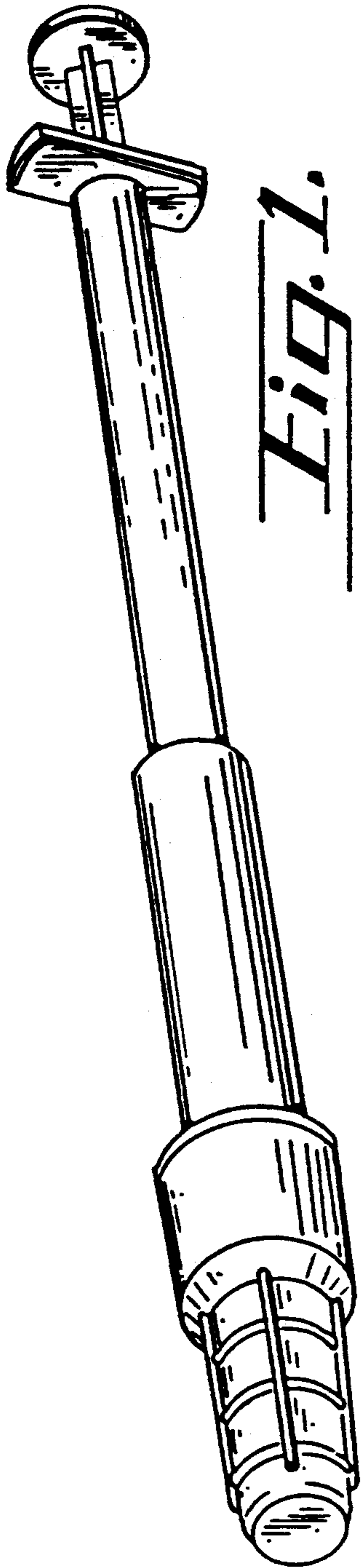
[57] CLAIM

The ornamental design for a safety syringe, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a safety syringe, showing our new design, with the needle sheath thereon; FIG. 2 is a side elevational view thereof; FIG. 3 is a side elevational view thereof, with the shield in the retracted position and the needle sheath removed; FIG. 4 is a side elevational view thereof, with the shield in the extended position and the needle sheath thereon; FIG. 5 is a side elevational end view thereof, with the shield in the extended position and the needle sheath removed; FIG. 6 is an end elevational view thereof, taken from the left of FIG. 2; FIG. 7 is an end elevational view thereof, taken from the left of FIG. 3; and, FIG. 8 is an end elevational view thereof, taken from the right of FIG. 2.





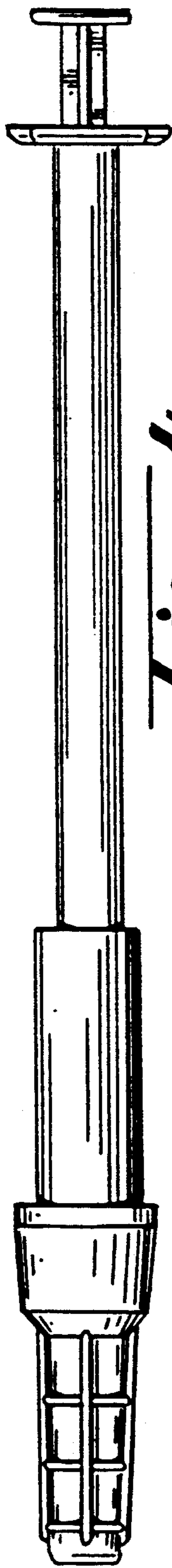


Fig. 4.



Fig. 5.

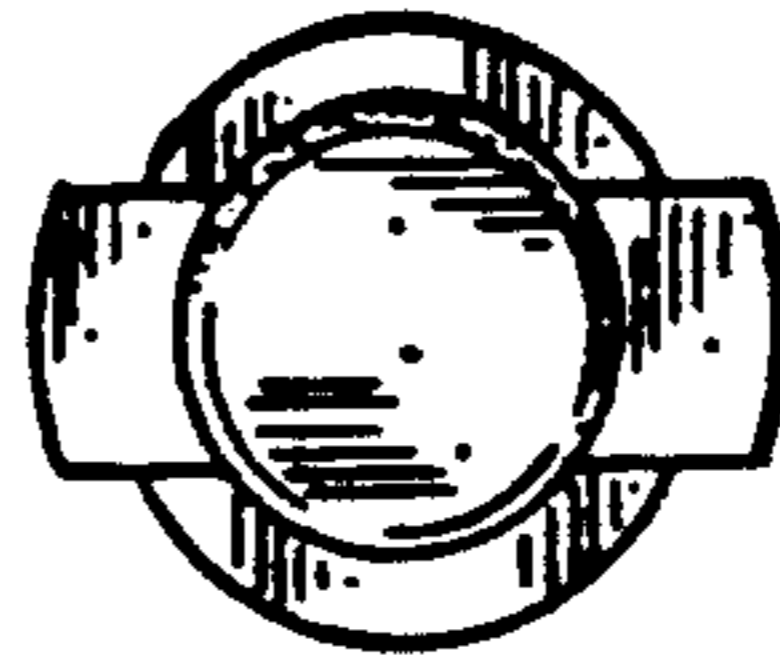


Fig. 7.

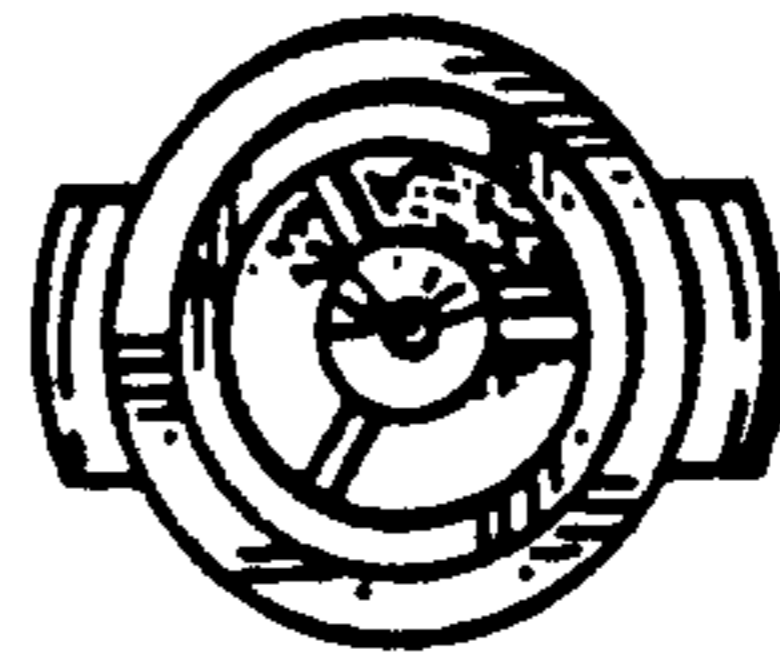


Fig. 8.

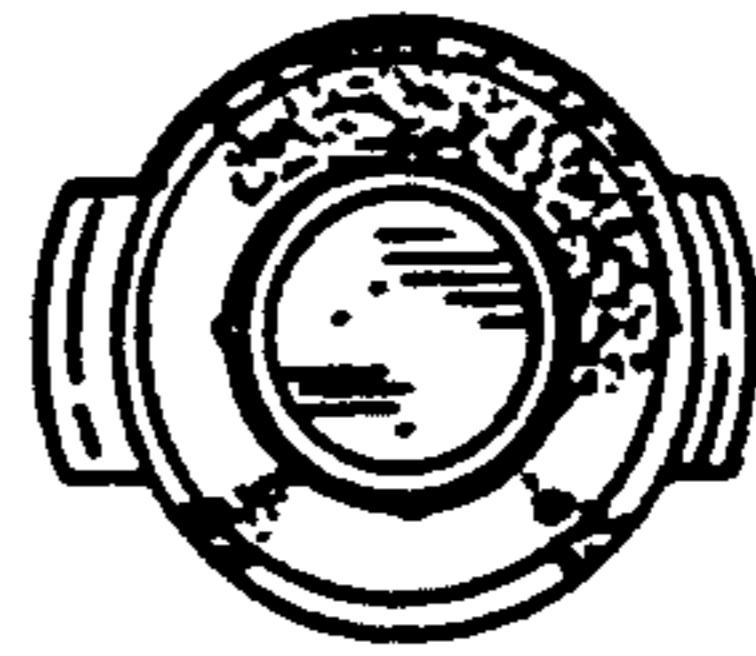


Fig. 9.