



US00D616062S

(12) **United States Design Patent**  
**Feenstra**

(10) **Patent No.:** **US D616,062 S**  
(45) **Date of Patent:** **\*\* May 18, 2010**

(54) **DEFLECTOR FOR FIRE PROTECTION SPRINKLER**

(75) Inventor: **Shawn J. Feenstra**, Caledonia, MI (US)

(73) Assignee: **The Viking Corporation**, Hastings, MI (US)

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

(21) Appl. No.: **29/334,369**

(22) Filed: **Mar. 25, 2009**

(51) **LOC (9) Cl.** ..... **23-01**

(52) **U.S. Cl.** ..... **D23/214**

(58) **Field of Classification Search** ..... D23/213, D23/214; 169/37, 38, 39

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 720,013 A 2/1903 Esty
- 824,128 A 6/1906 Martin
- 1,165,313 A 12/1915 Bower
- 2,862,565 A 12/1958 Dukes
- 3,525,402 A 8/1970 Hattori
- 3,653,444 A 4/1972 Livingston
- 3,682,251 A 8/1972 Livingston
- 3,722,596 A 3/1973 Livingston
- 3,743,022 A 7/1973 Livingston
- 3,768,736 A 10/1973 Cox
- 3,812,915 A 5/1974 Livingston
- 3,888,313 A 6/1975 Freeman
- 3,904,126 A 9/1975 Allard
- 4,091,873 A 5/1978 Werner
- 4,099,675 A 7/1978 Wohler et al.
- 4,136,740 A 1/1979 Groos et al.
- 4,279,309 A 7/1981 Fischer et al.
- 4,296,815 A 10/1981 Mears
- 4,296,816 A 10/1981 Fischer
- 4,405,018 A 9/1983 Fischer
- 4,580,729 A 4/1986 Pounder
- 4,657,085 A 4/1987 Jacobsen
- 4,800,961 A 1/1989 Klein
- 4,901,799 A 2/1990 Pepi et al.

- 4,930,578 A 6/1990 Barnett et al.
- 5,036,923 A 8/1991 Shea, Sr.
- 5,094,298 A 3/1992 Polan
- 5,152,344 A 10/1992 Fischer et al.
- D348,719 S \* 7/1994 Dolan ..... D23/214
- 5,366,022 A 11/1994 Meyer et al.
- 5,579,846 A 12/1996 Meyer et al.
- 5,584,344 A 12/1996 Meyer et al.
- 5,609,211 A 3/1997 Meyer et al.
- 5,664,630 A 9/1997 Meyer et al.
- 5,687,914 A 11/1997 Bosio et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO 98/18525 5/1998

*Primary Examiner*—Robin V Webster  
(74) *Attorney, Agent, or Firm*—Harness, Dickey & Pierce, P.L.C.

(57) **CLAIM**

The ornamental design for a deflector for a fire protection sprinkler, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a deflector for a fire protection sprinkler;

FIG. 2 is a bottom view thereof (the top view is identical to the bottom view);

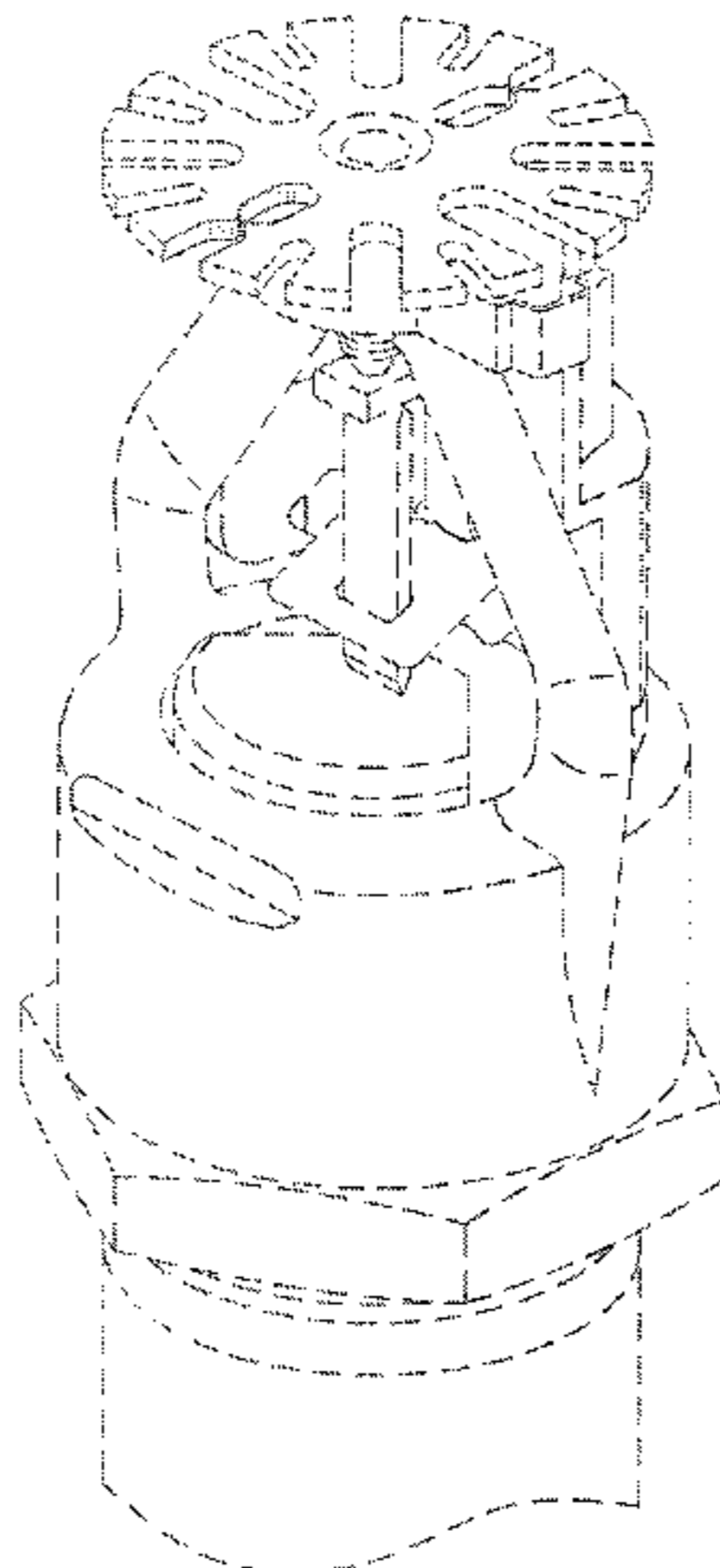
FIG. 3 is a front side view thereof;

FIG. 4 is a right side view thereof; and,

FIG. 5 is a right side view (the left side view is identical to the right side view).

The broken line showing is included for the purpose of illustrating and forms no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



# US D616,062 S

Page 2

---

## U.S. PATENT DOCUMENTS

5,829,532	A	11/1998	Meyer et al.	6,502,643	B1	1/2003	Meyer et al.
5,839,667	A	11/1998	Fischer	7,165,624	B1	1/2007	Fischer
5,862,994	A	1/1999	Pounder et al.	D544,569	S *	6/2007	Franson et al. .... D23/214
5,865,256	A	2/1999	Pounder	D546,415	S *	7/2007	Franson et al. .... D23/214
5,890,657	A	4/1999	Ponte	D546,416	S *	7/2007	Franson et al. .... D23/214
5,915,479	A	6/1999	Ponte	D546,417	S *	7/2007	Franson et al. .... D23/214
6,059,044	A	5/2000	Fischer	7,343,980	B2 *	3/2008	Pahila ..... 169/37

\* cited by examiner

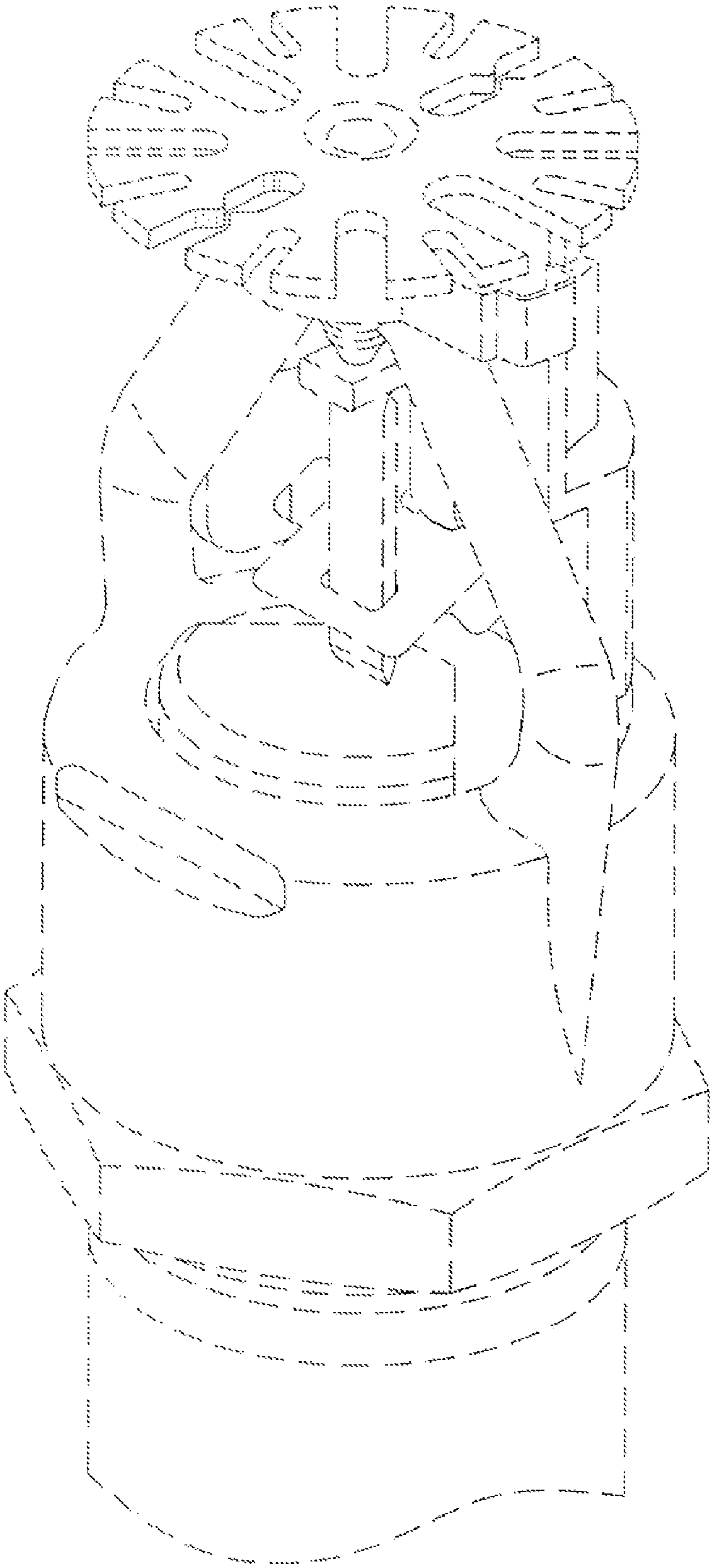


Fig-1

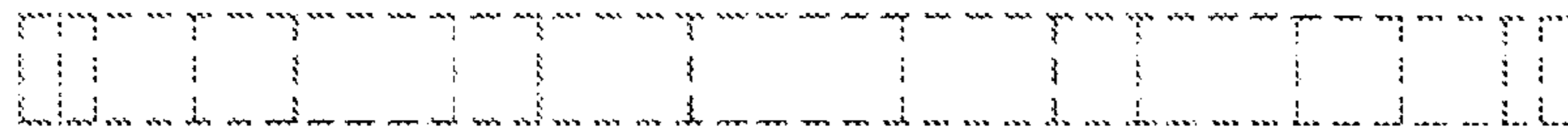


Fig-5

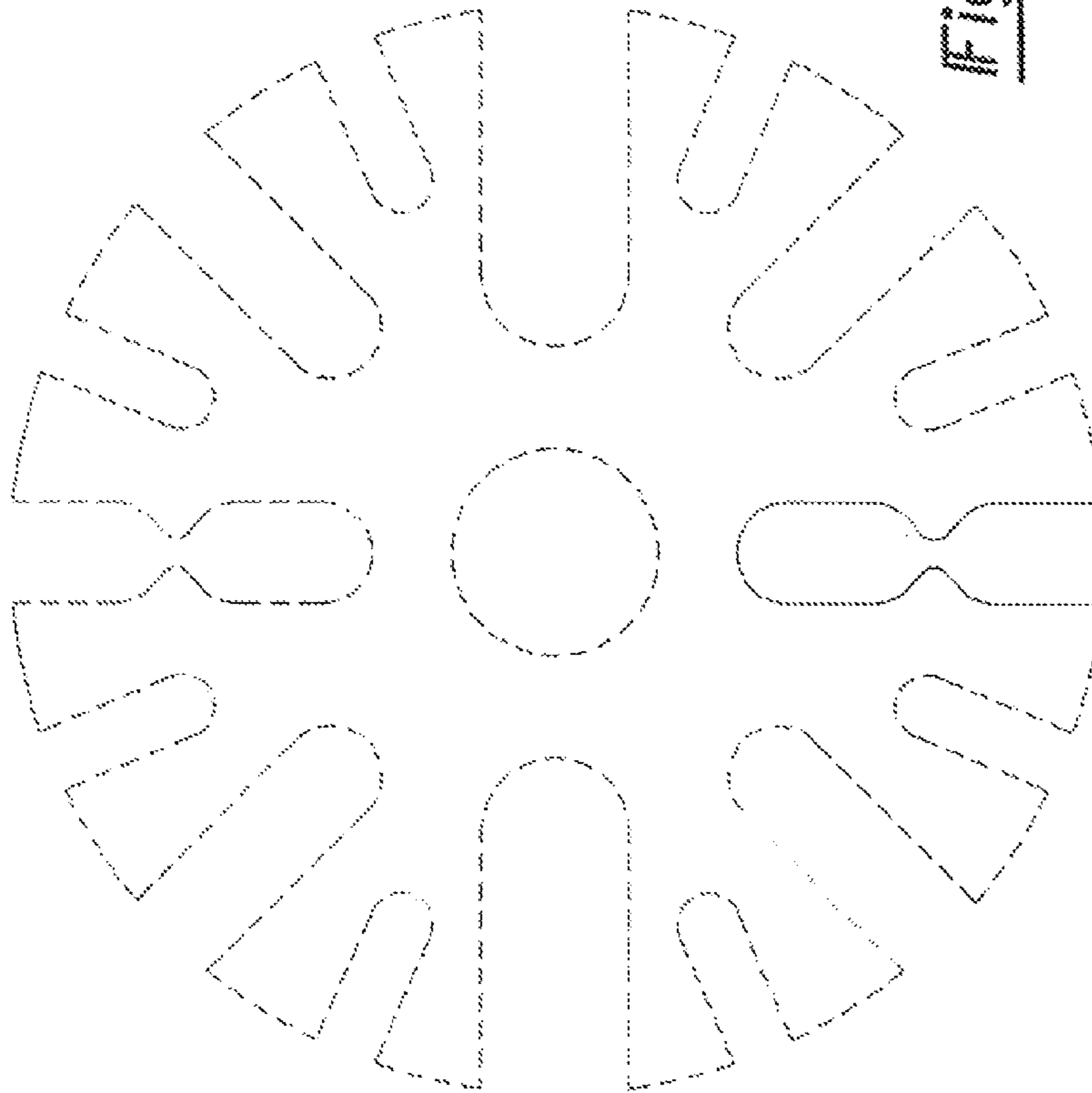


Fig-2

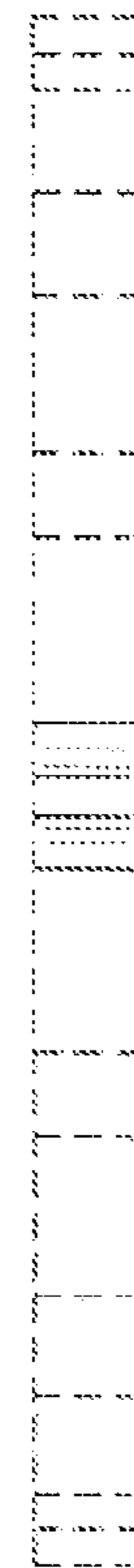


Fig-3

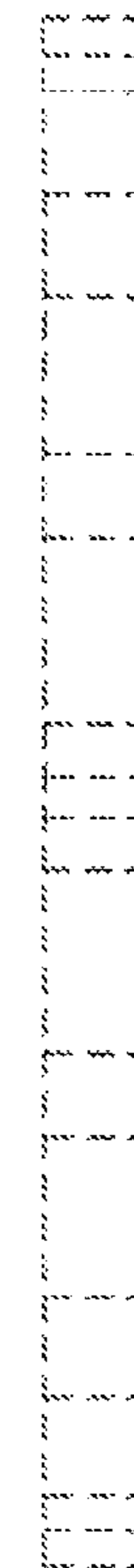


Fig-4