



US00D673200S

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

(10) **Patent No.:** **US D673,200 S**
(45) **Date of Patent:** **** Dec. 25, 2012**

- (54) **OPTICAL FILTER WHEEL FOR A MICROSCOPE**
(75) Inventors: **Ingo Boehm**, Heidelberg (DE);
Dirk-Oliver Fehrer, Bad Schoenborn (DE)
(73) Assignee: **Leica Microsystems CMS GmbH**,
Wetzlar (DE)
(**) Term: **14 Years**
(21) Appl. No.: **29/429,308**
(22) Filed: **Aug. 9, 2012**

Related U.S. Application Data

- (62) Division of application No. 29/402,400, filed on Sep. 23, 2011.

(30) **Foreign Application Priority Data**

Mar. 25, 2011 (EM) 001841388

- (51) **LOC (9) Cl.** **16-06**
(52) **U.S. Cl.** **D16/131**
(58) **Field of Classification Search** D16/131;
359/885, 889, 891, 892, 368; 385/90, 368,
385/821; 206/456, 821, 421; 362/293

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

905,633	A	12/1908	Bausch	
1,042,346	A	10/1912	Henle	
1,817,642	A	8/1931	Ott	
2,205,179	A	6/1940	Schultz	
D150,102	S	6/1948	Weinstein	
2,761,558	A	9/1956	McLean, Jr.	
D198,142	S	5/1964	Armbruster	
3,202,047	A	8/1965	Lawler	
D210,253	S	2/1968	Dine	
3,418,908	A	12/1968	Land	
3,479,512	A	11/1969	Weissenberg	
D219,396	S	12/1970	Bodkins	
D242,790	S	12/1976	Armbruster	
4,056,317	A *	11/1977	Lewis	355/32
4,066,330	A	1/1978	Jones	
D247,245	S	2/1978	Armbruster	
D254,311	S	2/1980	Morgan et al.	

D256,470	S	8/1980	Gordon	
4,486,078	A	12/1984	Hashimoto et al.	
D304,592	S	11/1989	Hoogesteger	
5,009,488	A *	4/1991	Fay et al.	359/889
5,290,705	A	3/1994	Davis	
5,375,716	A *	12/1994	Rubin et al.	206/443
5,648,869	A	7/1997	Ikoh	
5,842,055	A	11/1998	Tamura	
6,078,443	A *	6/2000	Yu	359/892
6,717,726	B2	4/2004	Boehm et al.	
6,754,008	B1	6/2004	Wallerstein et al.	
7,005,622	B2	2/2006	Boehm et al.	
7,057,162	B2	6/2006	Rentzsch	
7,372,625	B2	5/2008	Jagemann	
7,428,043	B2	9/2008	Boehm et al.	
7,495,852	B2	2/2009	Gutierrez	
7,593,173	B2	9/2009	Harada et al.	
7,600,926	B2	10/2009	Fehrer et al.	
D660,336	S	5/2012	Fehrer et al.	

* cited by examiner

Primary Examiner — Paula Greene

(74) *Attorney, Agent, or Firm* — Crowell & Moring LLP

(57) **CLAIM**

The ornamental design for an optical filter wheel for a microscope, as shown and described.

DESCRIPTION

FIG. 1 is an elevated, front perspective view of a first embodiment of an optical filter wheel for a microscope according to our design;

FIG. 2 is a top view thereof;

FIG. 3 is a bottom view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a front view thereof;

FIG. 6 is a left side view thereof; and

FIG. 7 is a rear view thereof.

FIG. 8 is an elevated, front perspective view of a second embodiment of the optical filter wheel for a microscope according to our design;

FIG. 9 is a top view thereof;

FIG. 10 is a bottom view thereof;

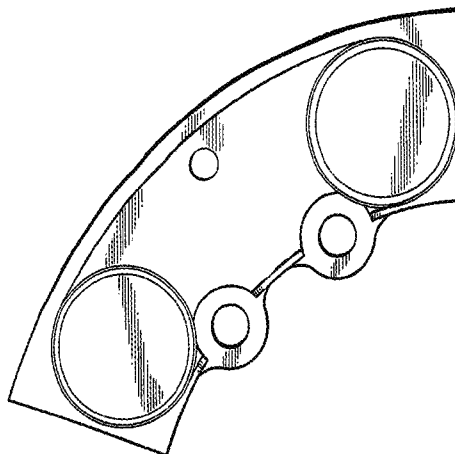
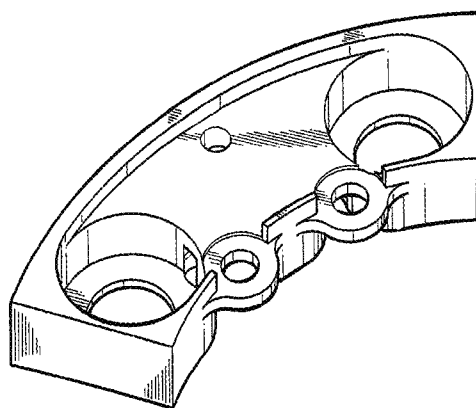
FIG. 11 is a right side view thereof;

FIG. 12 is a front view thereof;

FIG. 13 is a left side view thereof; and,

FIG. 14 is a rear view thereof.

1 Claim, 8 Drawing Sheets



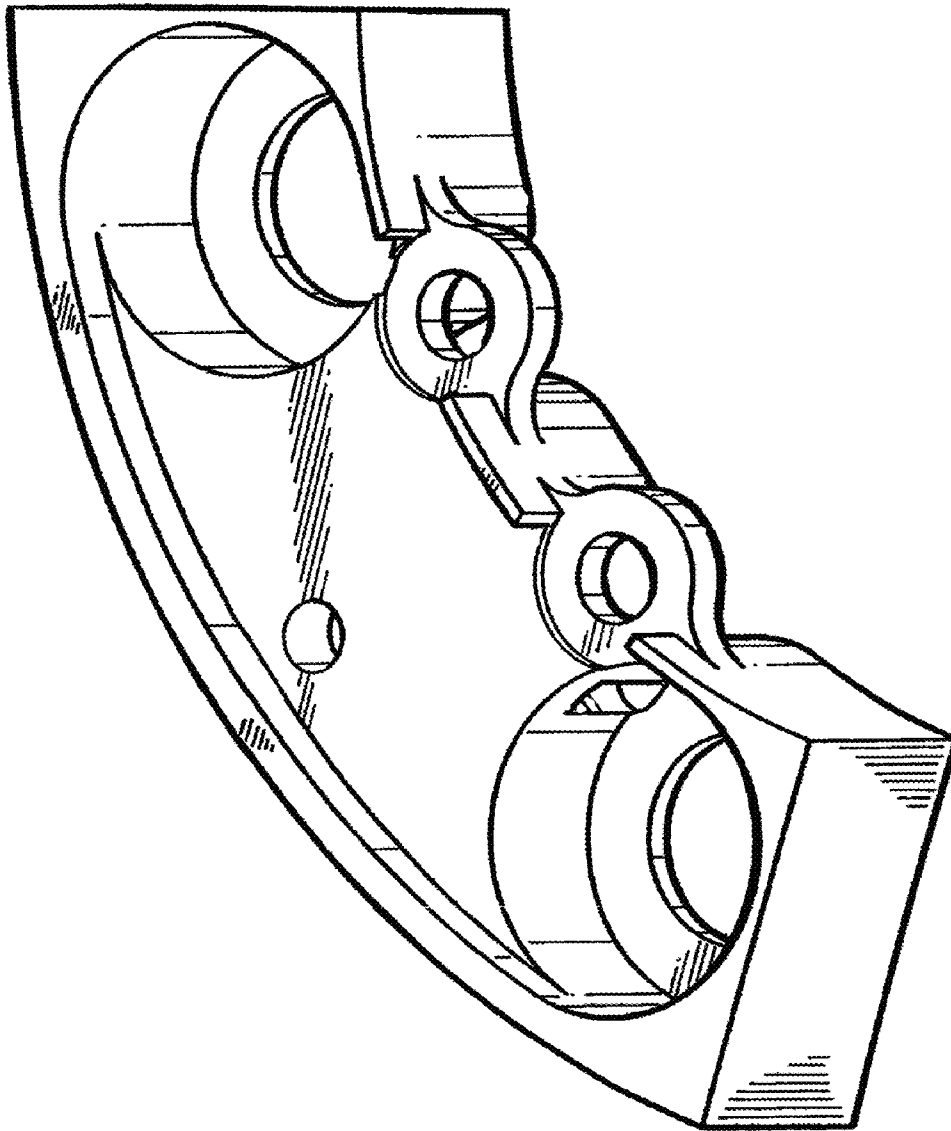


FIG. 1

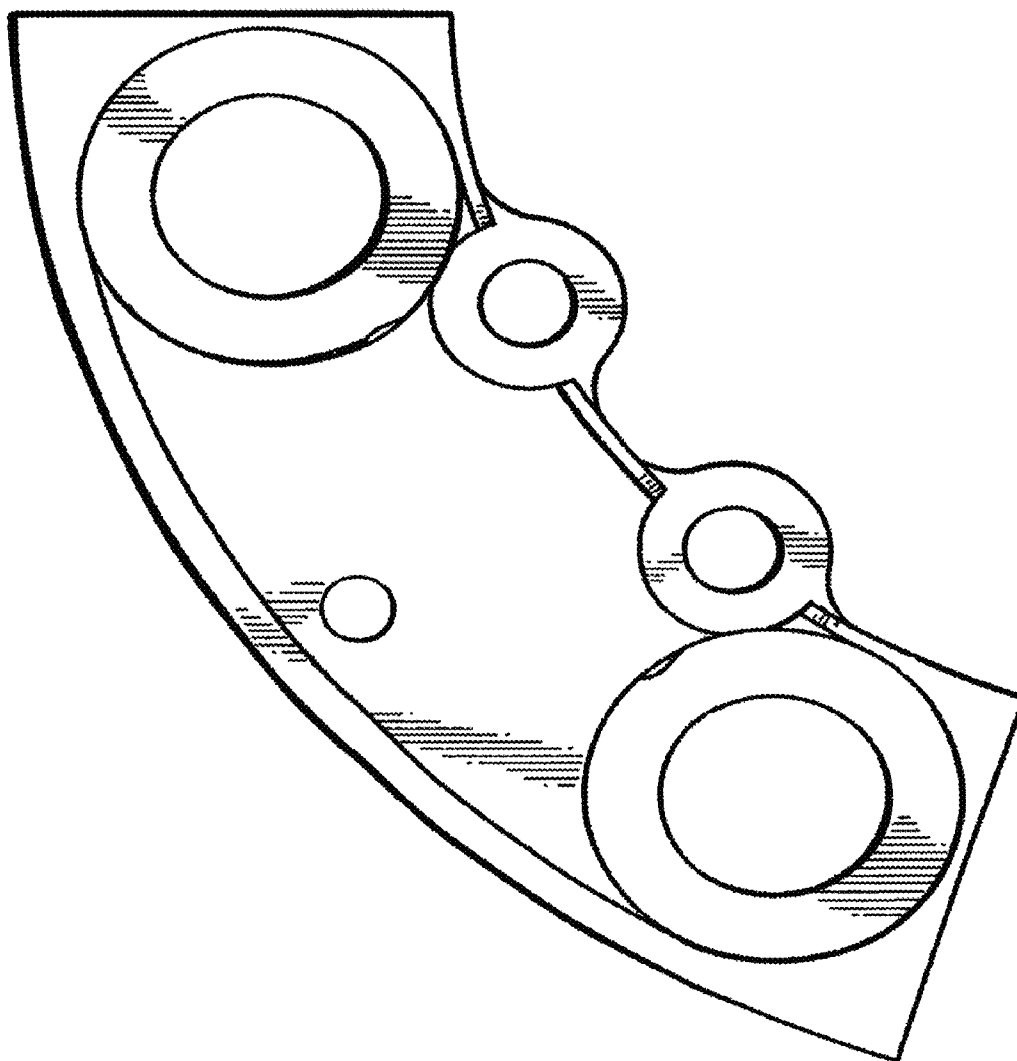


FIG. 2

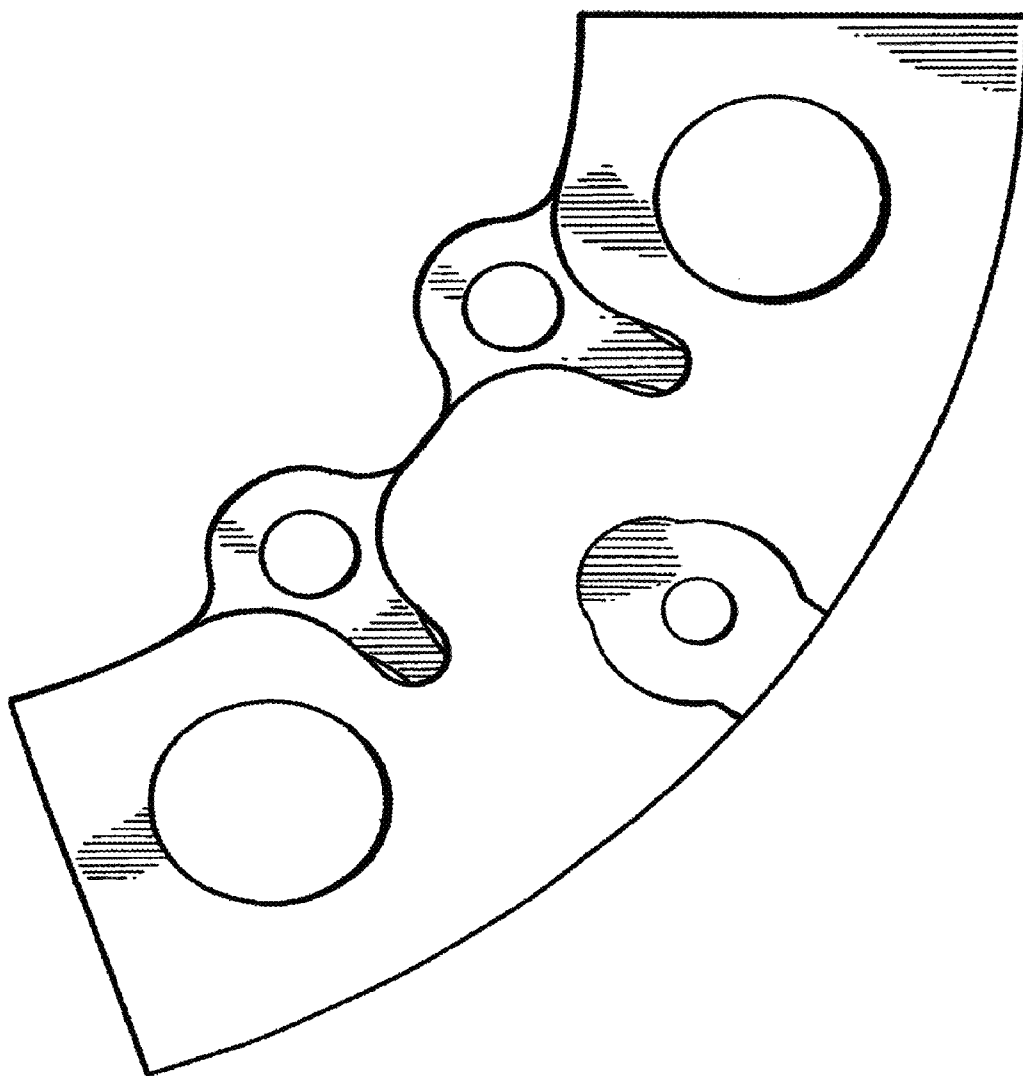


FIG. 3

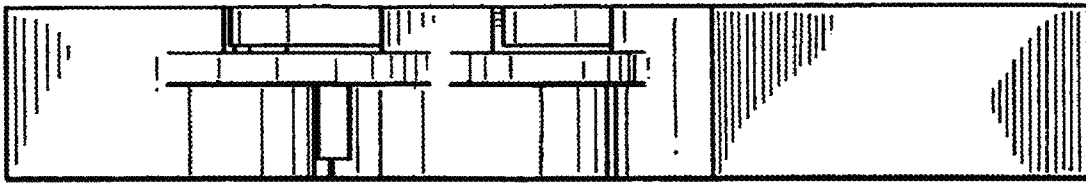


FIG. 4

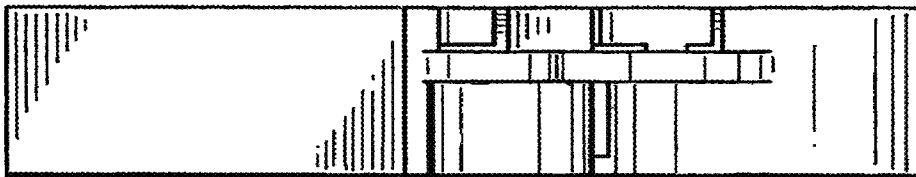


FIG. 5

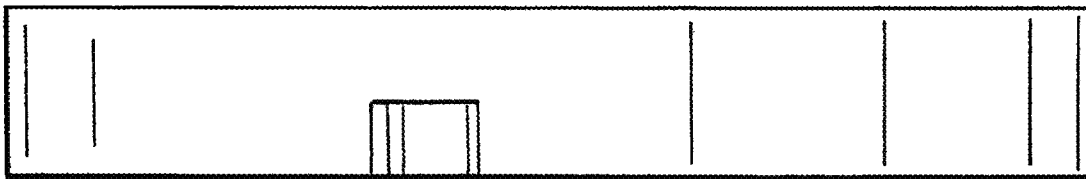


FIG. 6



FIG. 7

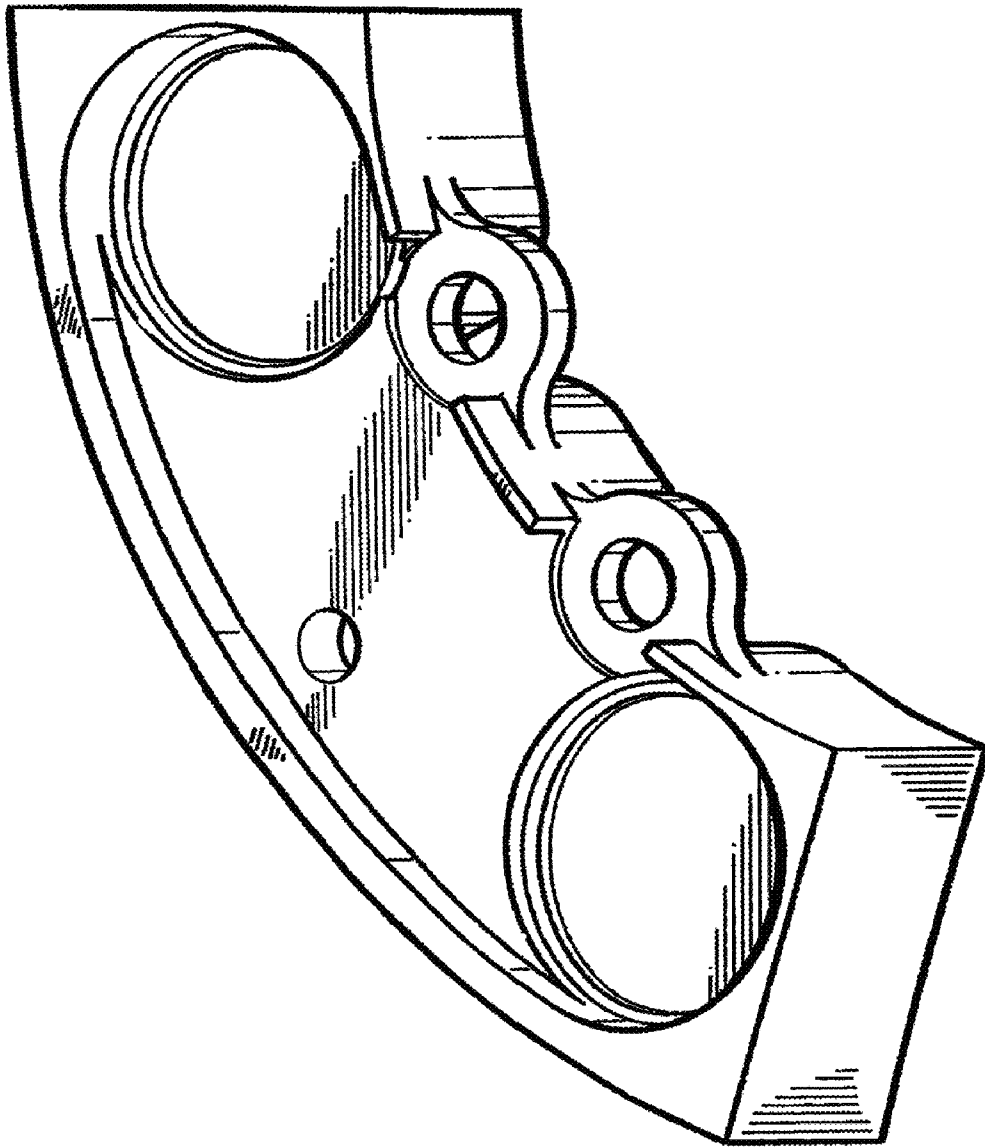


FIG. 8

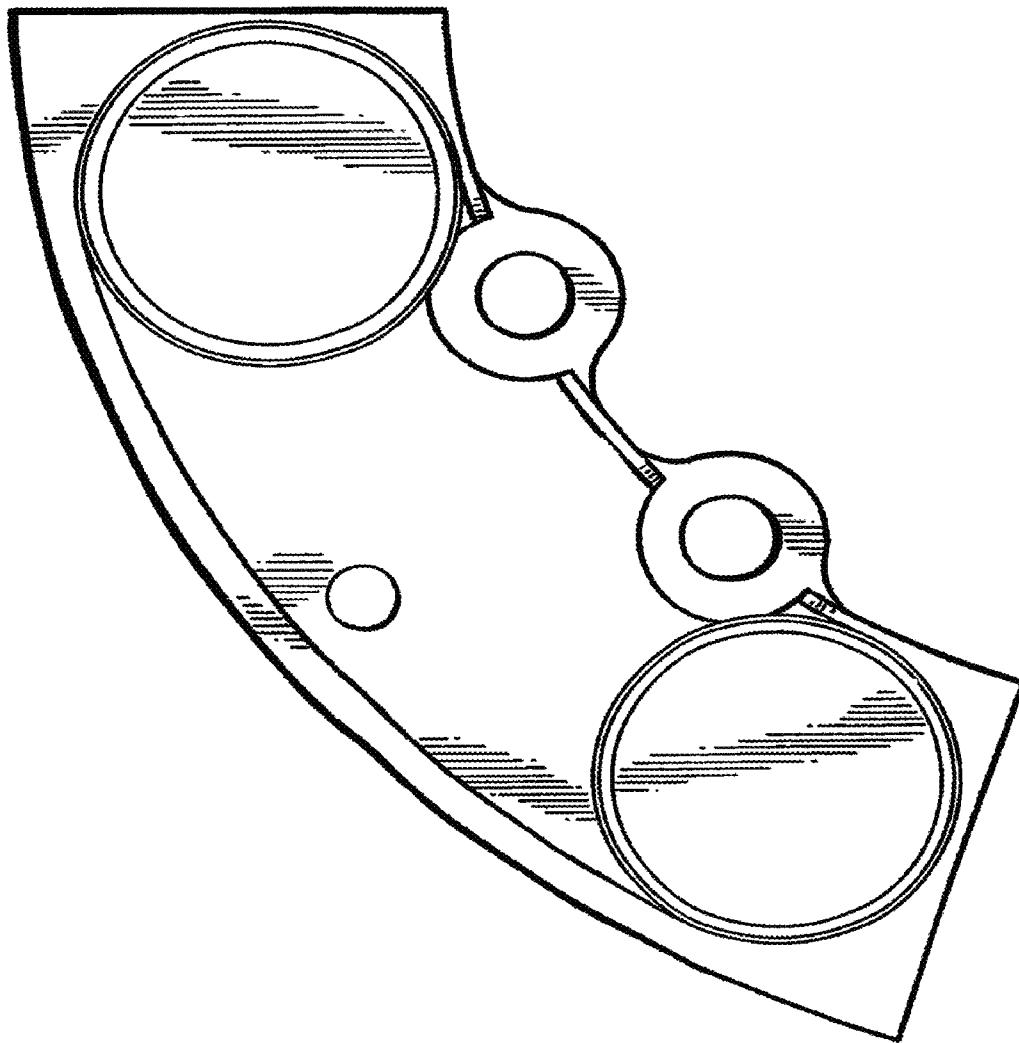


FIG. 9

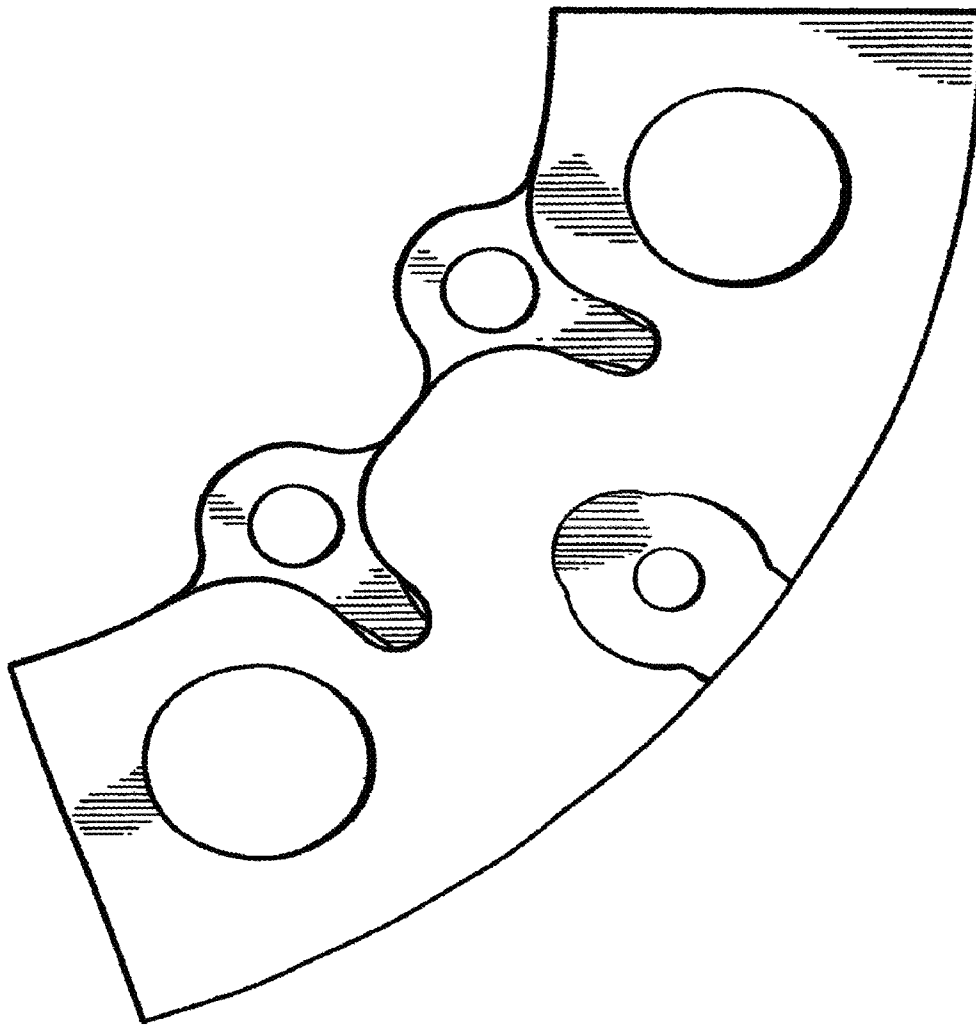


FIG. 10

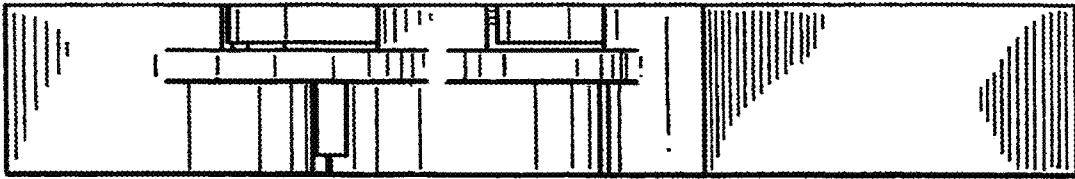


FIG. 11

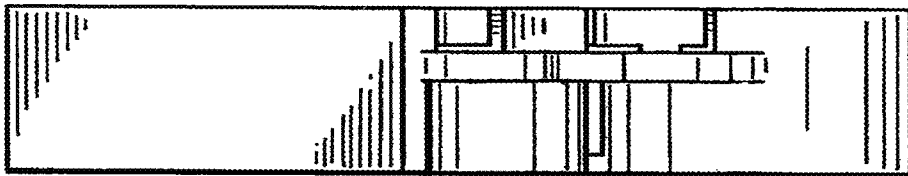


FIG. 12

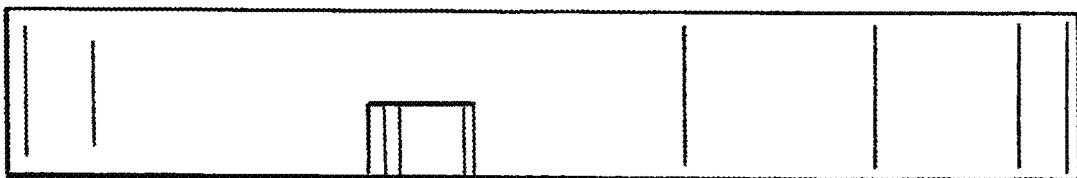


FIG. 13

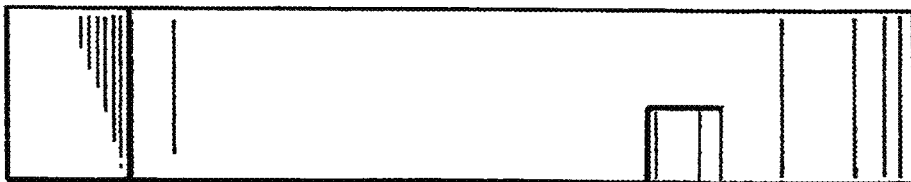


FIG. 14