

US00D560962S

(12) **United States Design Patent** (10) **Patent No.:** **US D560,962 S**
Pan et al. (45) **Date of Patent:** **** Feb. 5, 2008**

(54) **SHREDDER RING IN A FOOD WASTE DISPOSAL UNIT**

(75) Inventors: **Ji Cheng Pan**, Tai Po (HK); **Bao Ting Liu**, Tai Po (HK); **Allan Wai Lun Kwan**, Tai Po (HK)

(73) Assignee: **Johnson Electric S.A.**, La Chaux-De-fonds (CH)

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

(21) Appl. No.: **29/261,726**

(22) Filed: **Jun. 20, 2006**

(51) **LOC (8) Cl.** **31-00**

(52) **U.S. Cl.** **D7/375**

(58) **Field of Classification Search** D7/372-375,
D7/383, 385, 387; D8/70, 78; D15/139;
99/337, 499, 501-508, 645; 175/57, 257-259,
175/266, 273, 292, 296, 300, 395, 401, 413-415;
210/110, 122, 168, 241, 258, 299, 265, 294,
210/513, 622, 663, 693, 767, 799, 806; 241/46.08,
241/46.013, 46.11, 46.13, 46.17, 95, 100,
241/159, 169.1, 272, 273.1-273.2, 285.1-285;
408/227

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,476,630 A 7/1949 Schindler
2,567,992 A 9/1951 Coss et al.
2,766,942 A 10/1956 Lockley et al.
2,932,459 A 4/1960 Roe
3,026,050 A * 3/1962 Bebinger 241/46.08

6,007,006 A 12/1999 Engel et al.
6,481,652 B2 11/2002 Strutz et al.
6,648,252 B2 * 11/2003 Strutz 241/46.013
D536,211 S * 2/2007 Jara-Almonte et al. D7/375
2006/0011758 A1 * 1/2006 Hanson et al. 241/46.013
2007/0172325 A1 * 7/2007 Ebert 408/227

FOREIGN PATENT DOCUMENTS

GB 765155 1/1957
GB 771419 4/1957
GB 1040699 9/1966

* cited by examiner

Primary Examiner—Caron D. Veynar

Assistant Examiner—Ricky Pham

(74) *Attorney, Agent, or Firm*—Young & Thompson

(57) **CLAIM**

The ornamental design for a shredder ring in a food waste disposal unit, as shown.

DESCRIPTION

FIG. 1 is a front elevational view showing my new design of a shredder ring in a food waste disposal unit;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

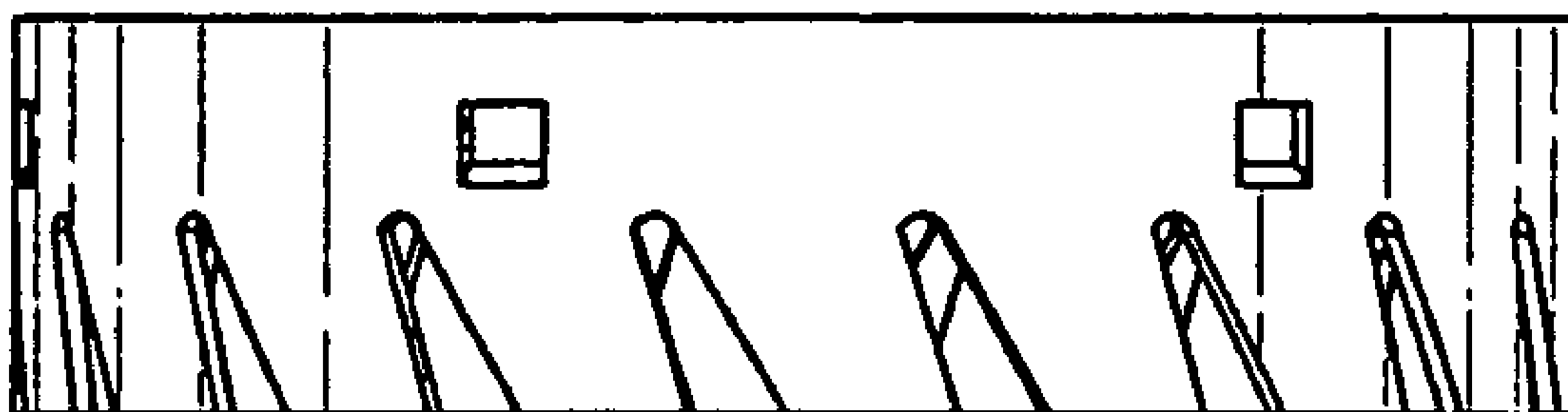
FIG. 5 is a left side elevational view thereof;

FIG. 6 is a right side elevational view thereof;

FIG. 7 is a perspective view from above thereof; and,

FIG. 8 is a perspective view from below thereof.

1 Claim, 4 Drawing Sheets



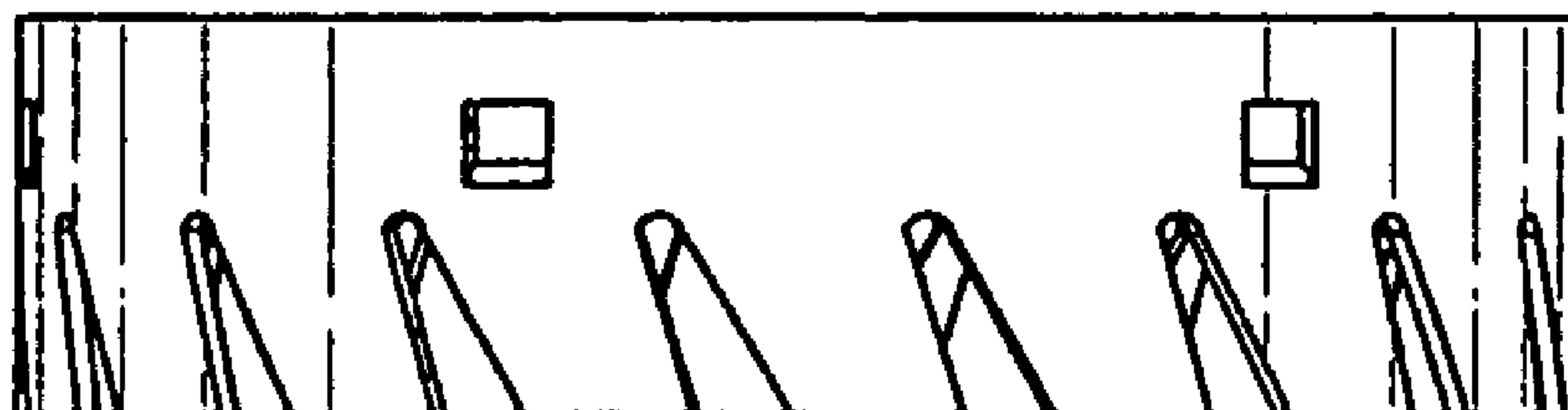


FIG. 1

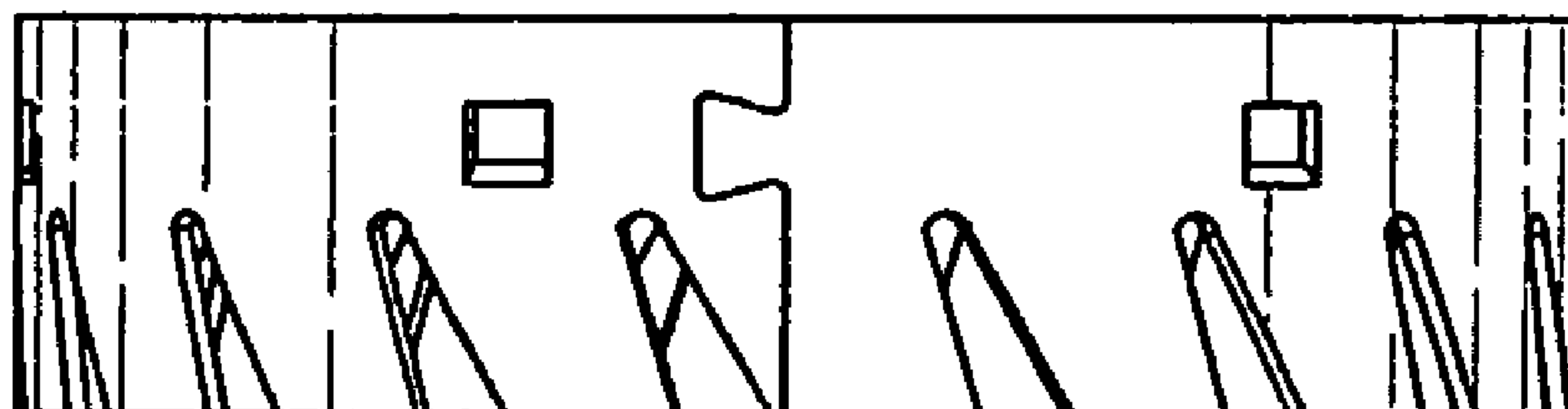


FIG. 2

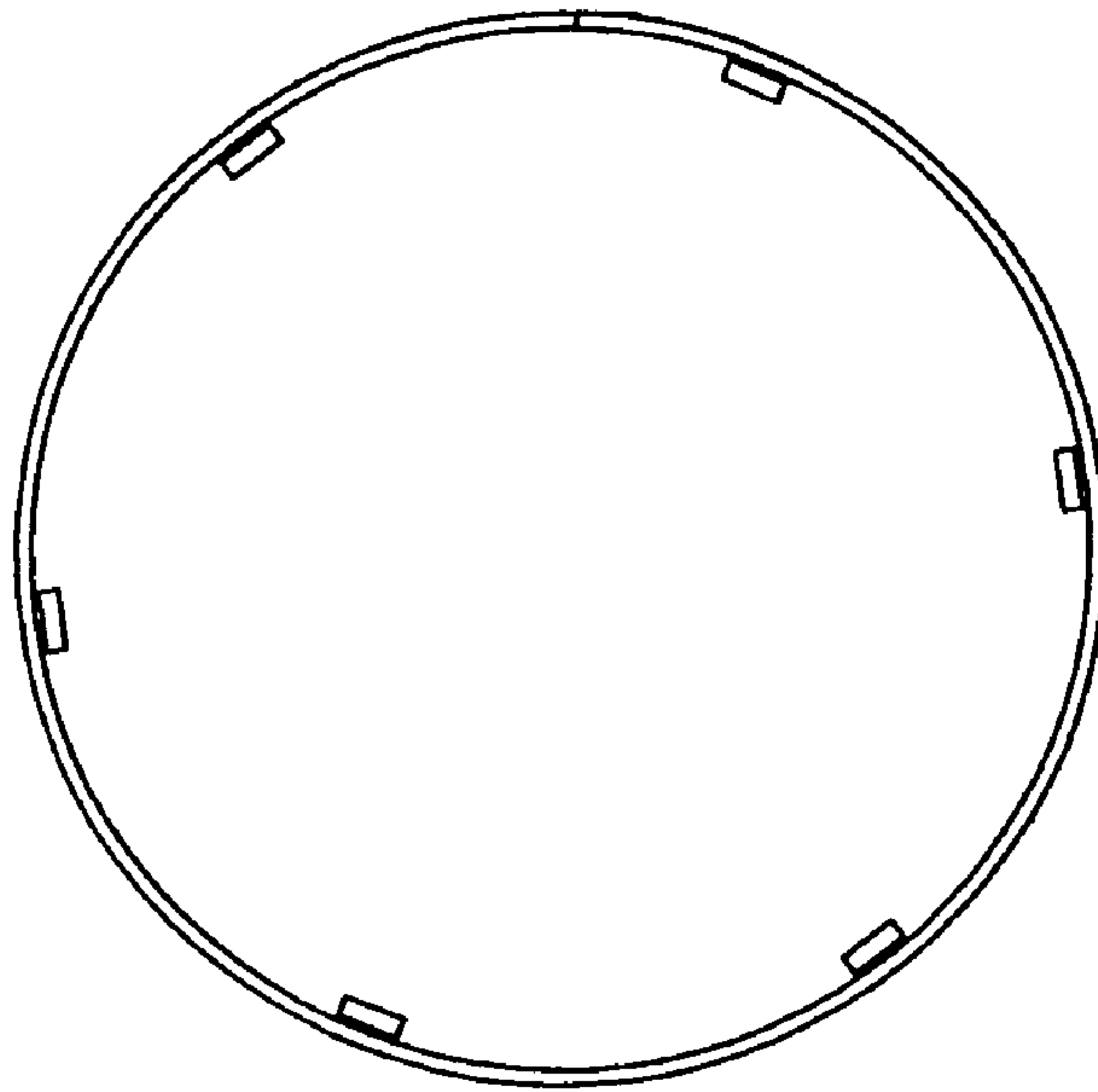


FIG. 3

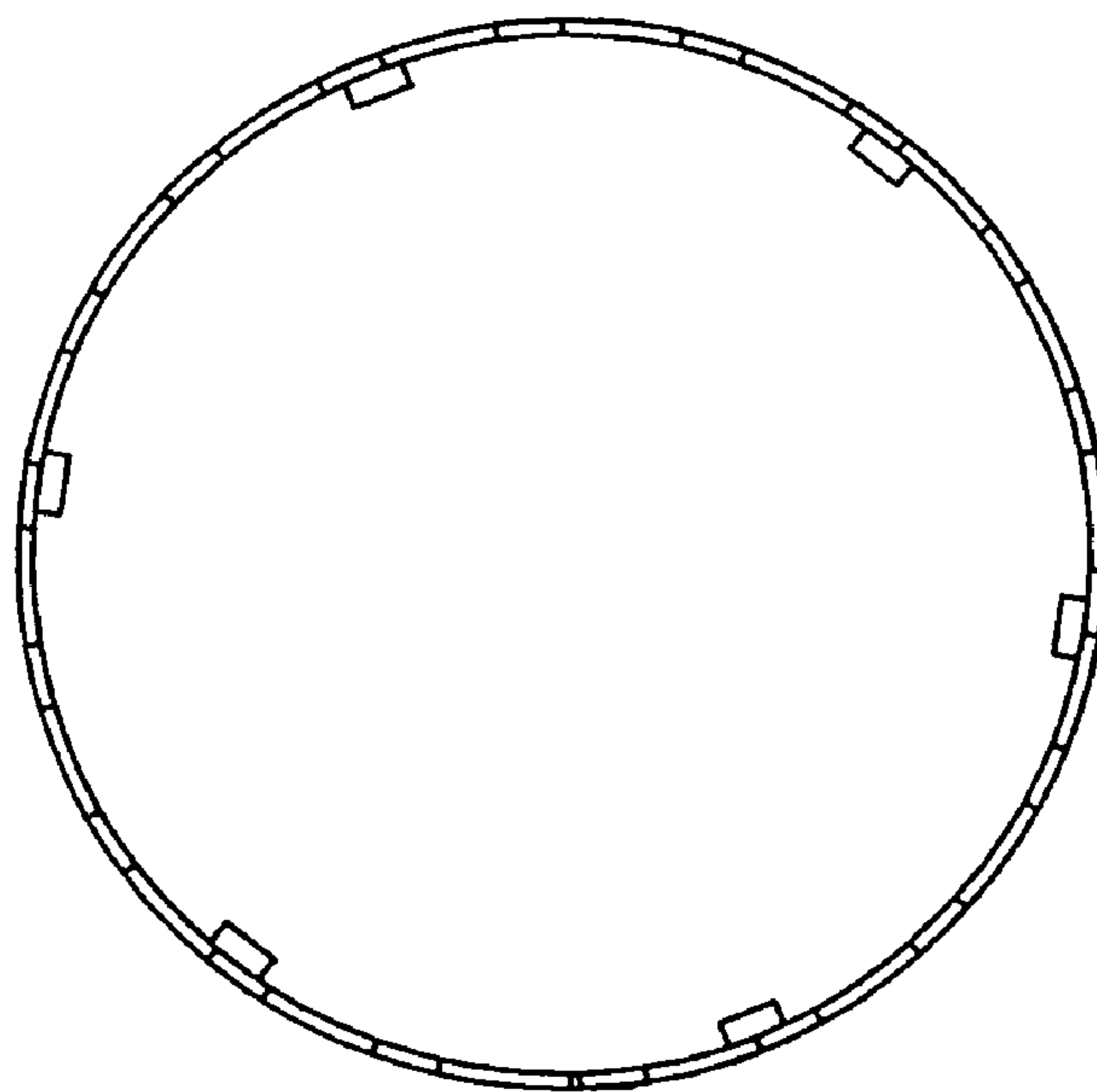


FIG. 4

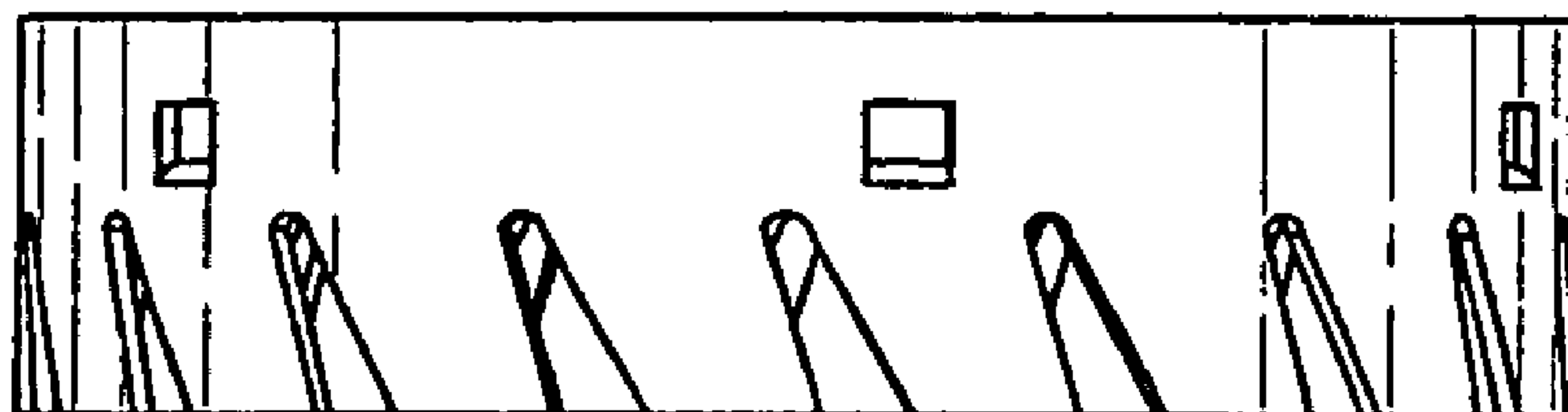


FIG. 5

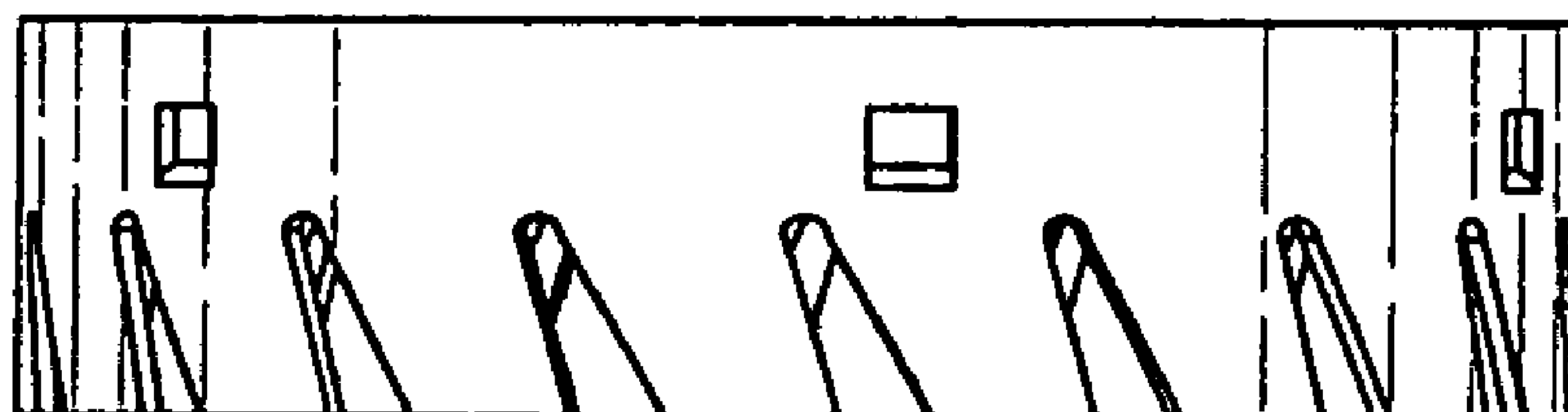


FIG. 6

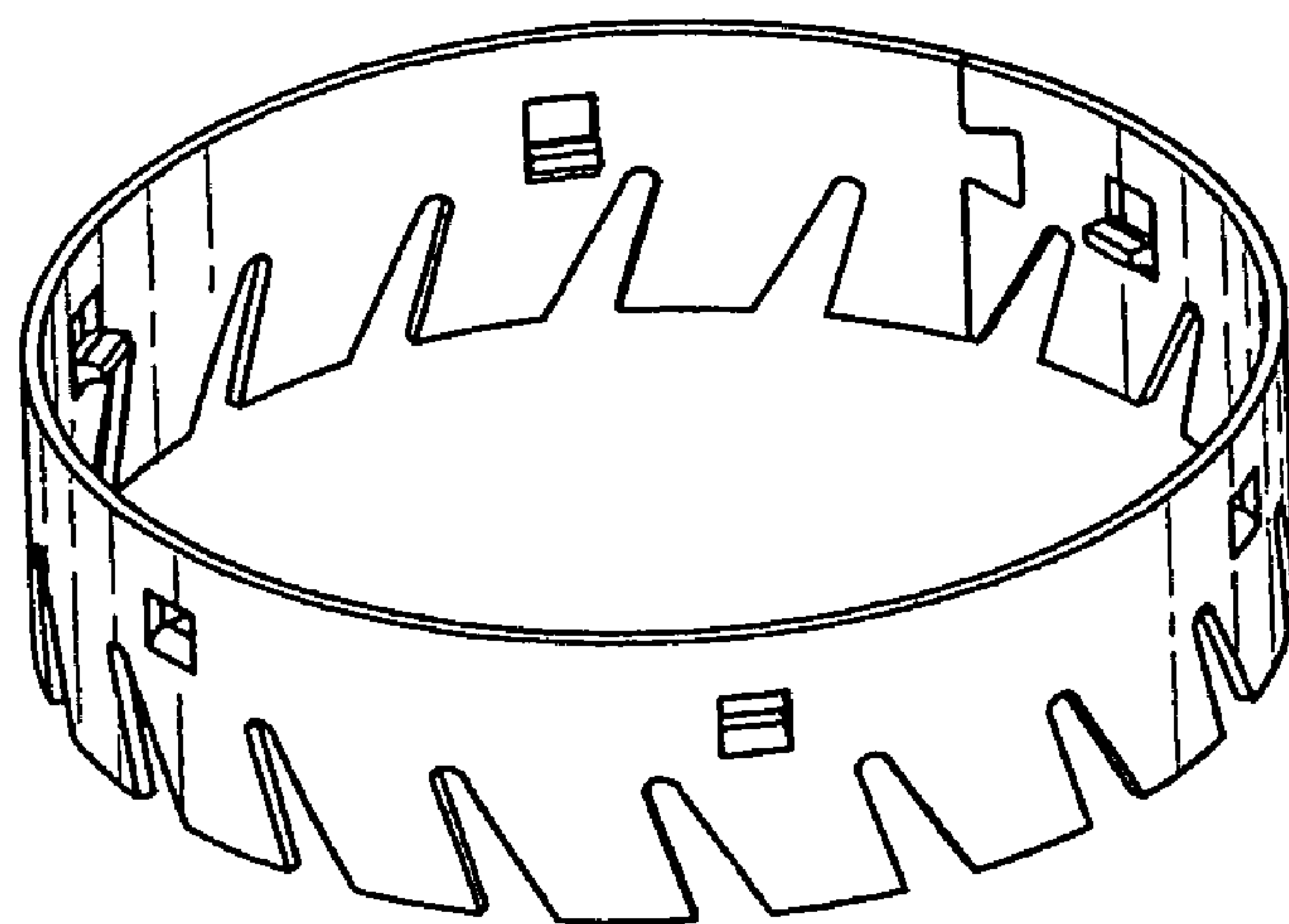


FIG. 7

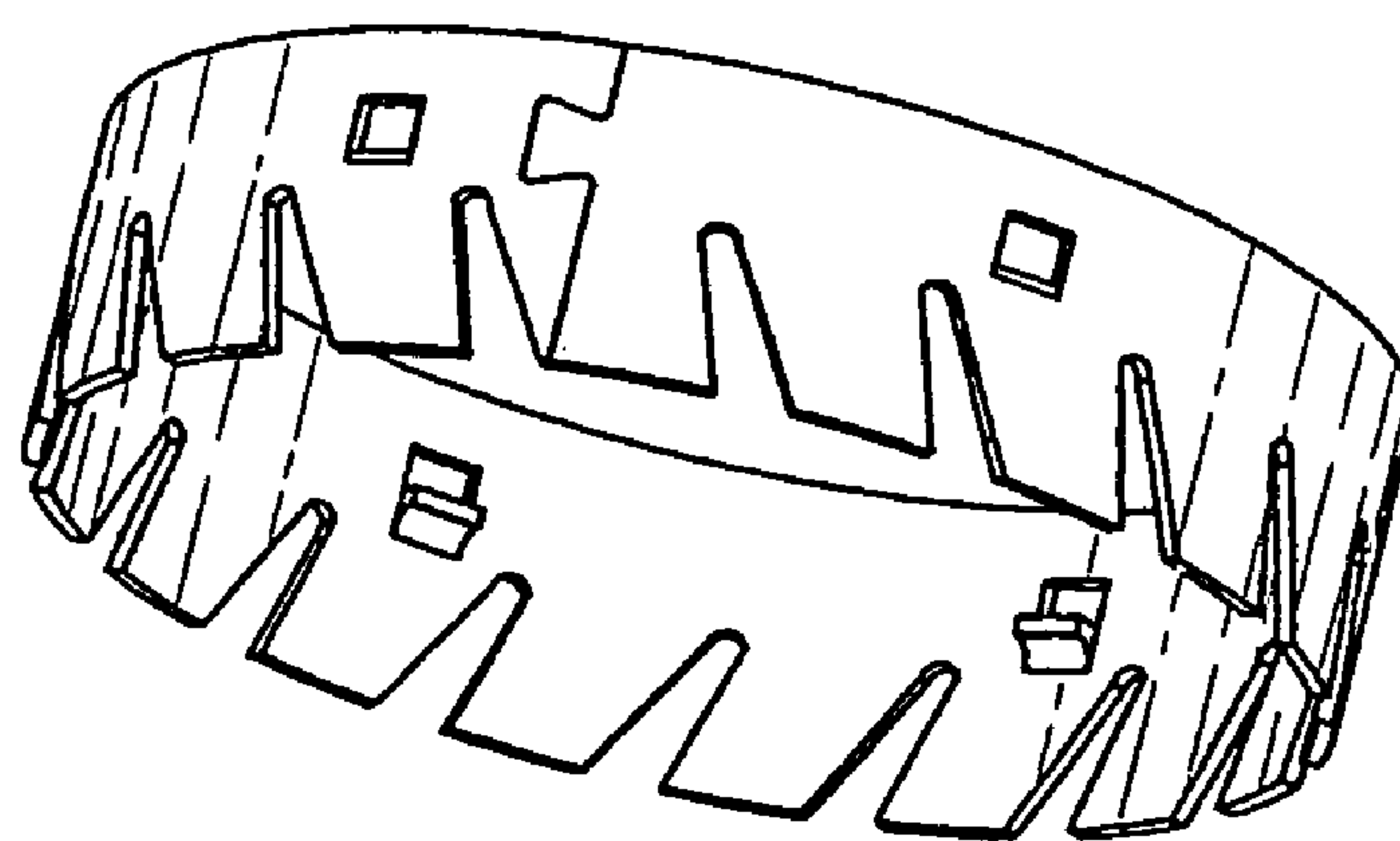


FIG. 8