



US00D708920S

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

(10) **Patent No.:** **US D708,920 S**
(45) **Date of Patent:** **** Jul. 15, 2014**

- (54) **PAWL OF A RATCHET WRENCH**
- (71) Applicants: **Tsan-Chang Lee**, Taichung (TW);
Yueh-Li Wang, Taichung (TW)
- (72) Inventors: **Tsan-Chang Lee**, Taichung (TW);
Yueh-Li Wang, Taichung (TW)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/450,352**
- (22) Filed: **Mar. 18, 2013**
- (51) **LOC (10) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/21**
- (58) **Field of Classification Search**
USPC D8/21-29; 81/58.3-59.16, 177.1,
81/177.85, 121.1, 124.3, 165-170, 110.1,
81/176.2, 124.6, 176.1, 176.15, 177.2;
16/110.1; D15/144.1; 219/75, 227,
219/229, 121.16, 121.18
See application file for complete search history.

6,295,896	B1 *	10/2001	I-He	81/63
6,629,477	B2 *	10/2003	Ling et al.	81/63.2
6,748,824	B2 *	6/2004	Chen	81/60
6,901,824	B1 *	6/2005	Chen	81/63.2
7,004,052	B1 *	2/2006	Shu-Sui et al.	81/63
7,032,478	B2 *	4/2006	Hu	81/63.2
7,082,860	B2 *	8/2006	Shu-Sui et al.	81/63.1
7,082,861	B1 *	8/2006	Chen	81/63.2
7,336,934	B2 *	2/2008	Ikedo et al.	455/108
7,444,904	B2 *	11/2008	Huang	81/63.2
8,230,764	B1 *	7/2012	Lee	81/63

* cited by examiner

Primary Examiner — Randall Gholson

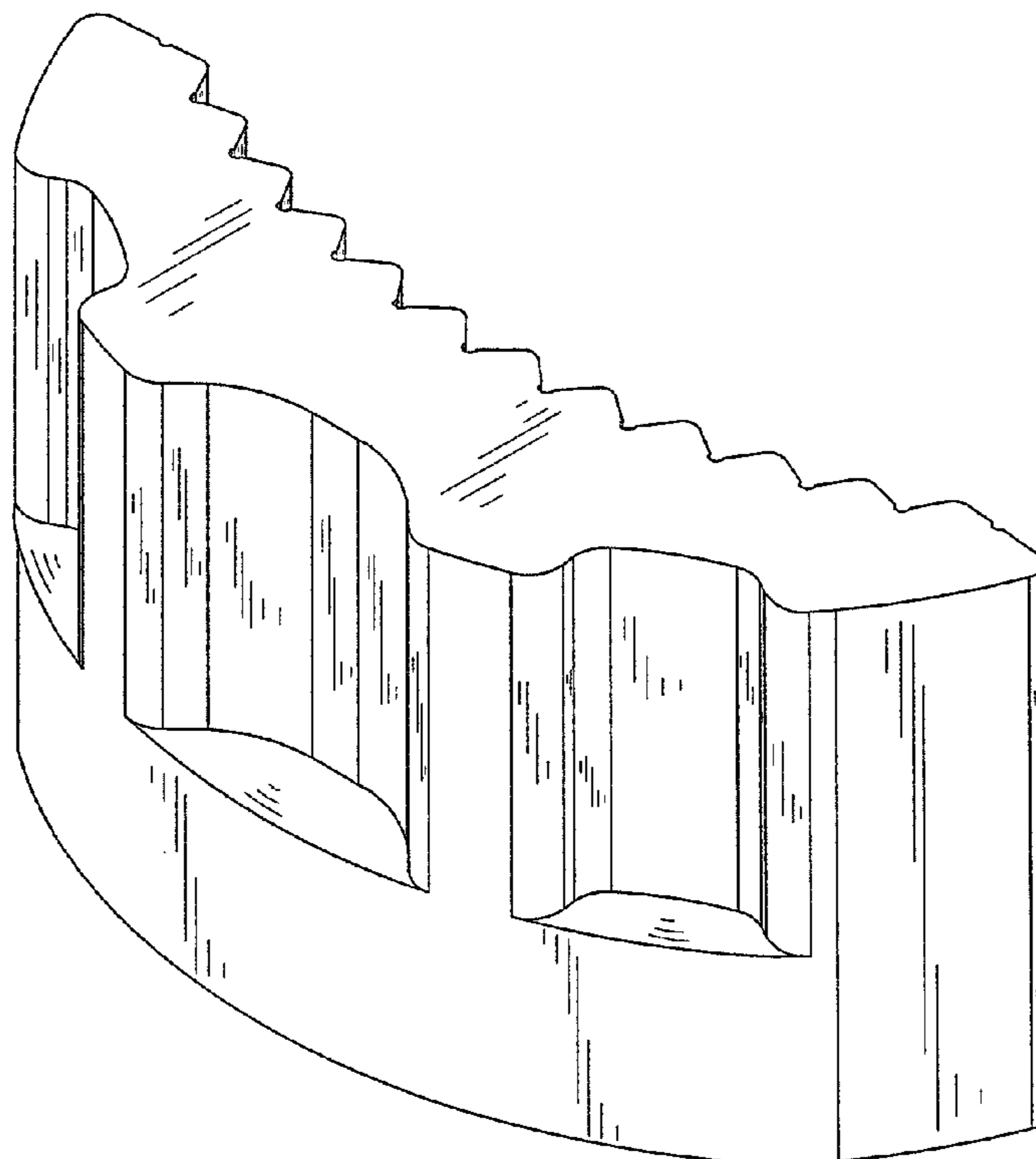
(57) **CLAIM**
The ornamental design for a pawl of a ratchet wrench, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the pawl of a ratchet wrench showing my design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a side elevation view thereof;
FIG. 5 is an opposite side view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
4,553,453 A * 11/1985 Dempsey et al. 81/58
4,748,875 A * 6/1988 Lang 81/63



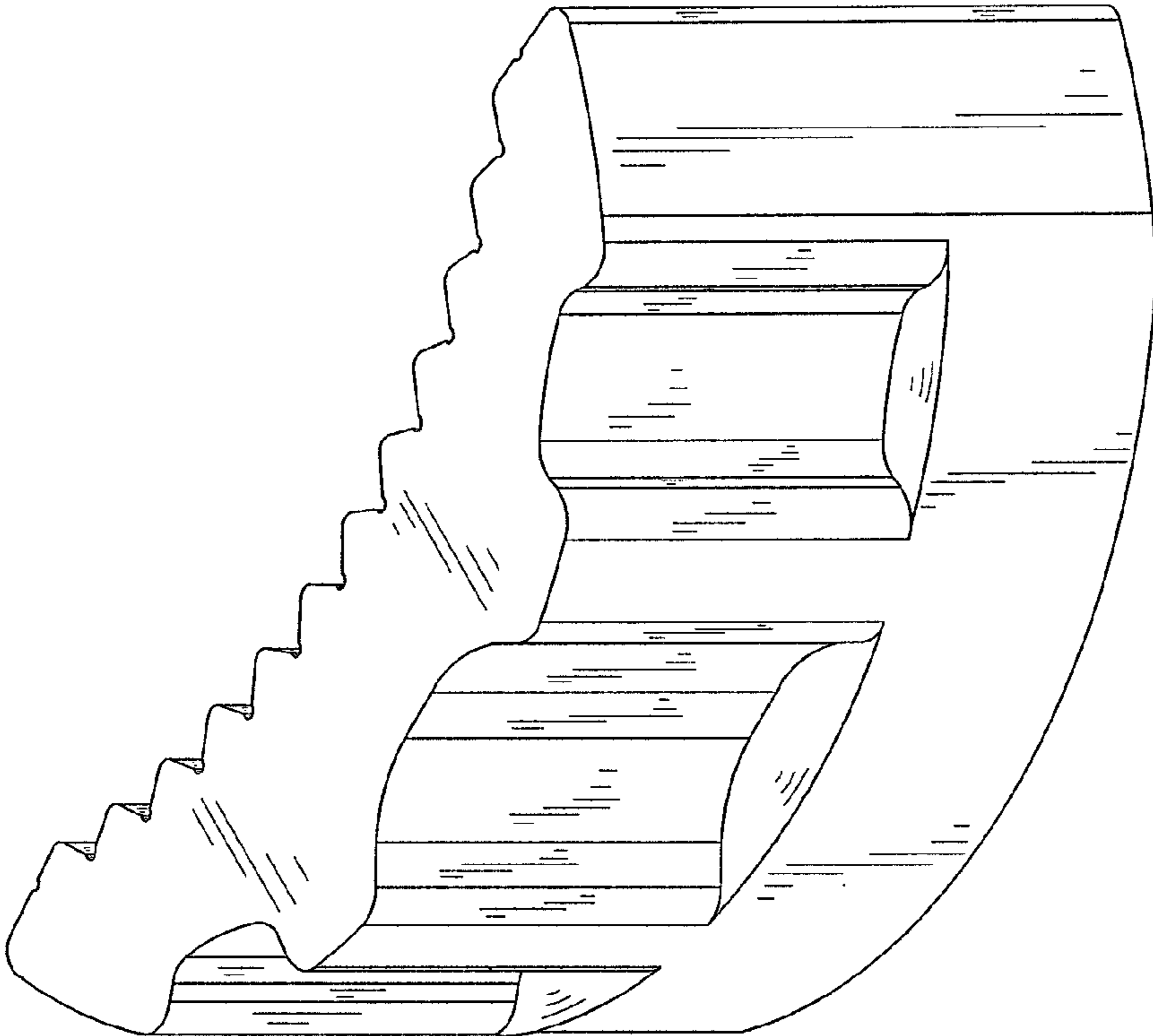


FIG. 1

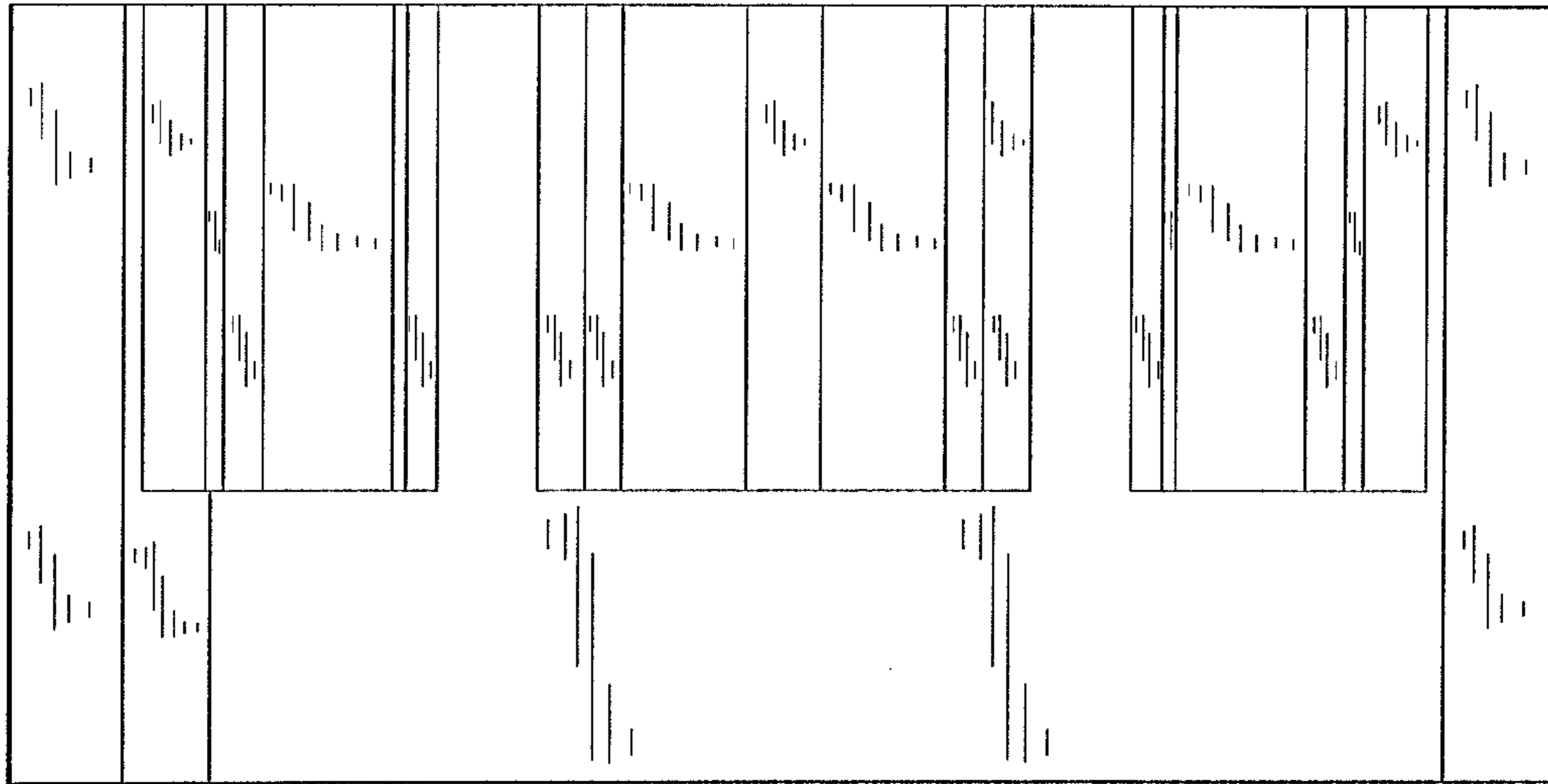


FIG. 2

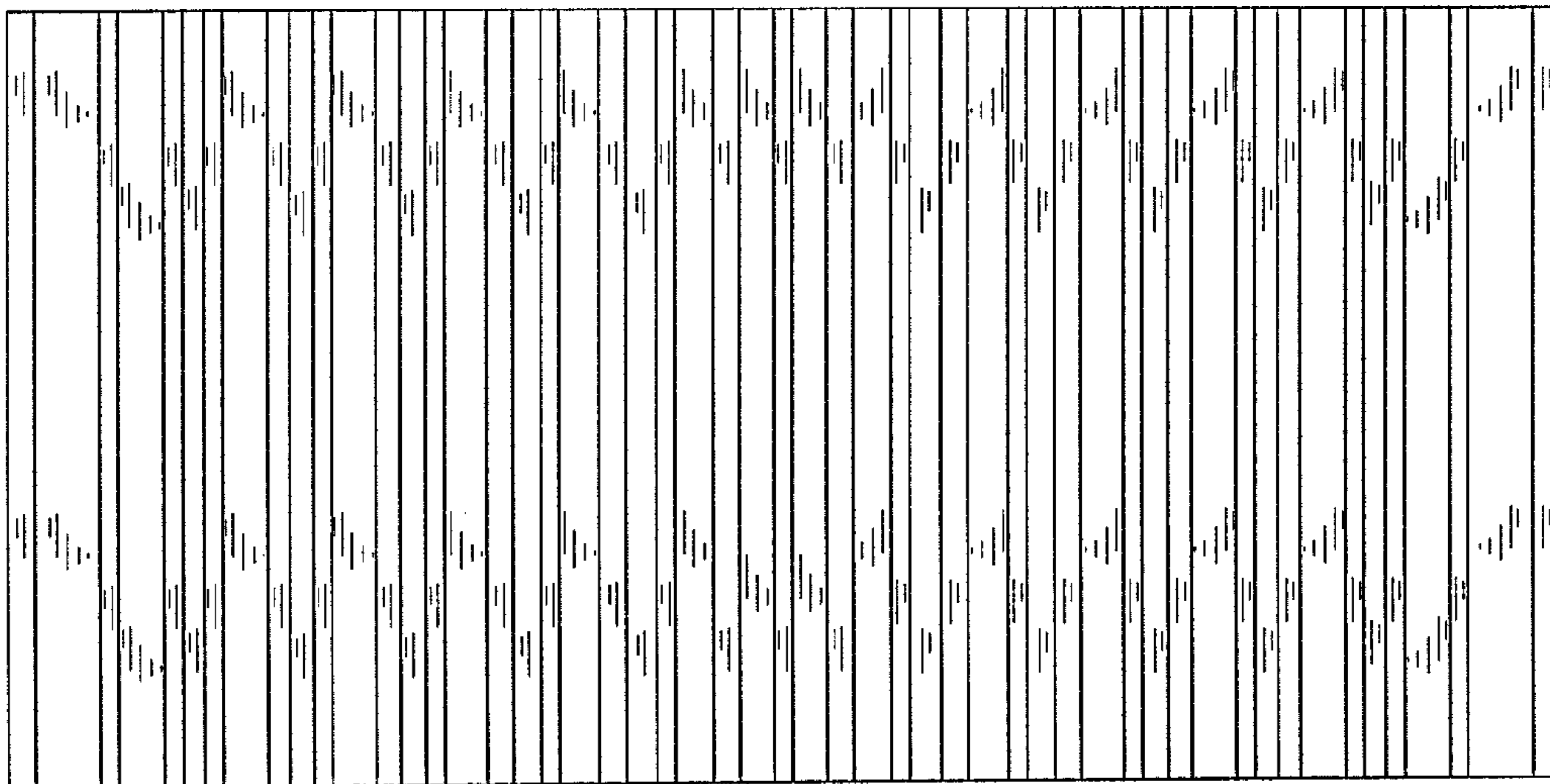


FIG. 3

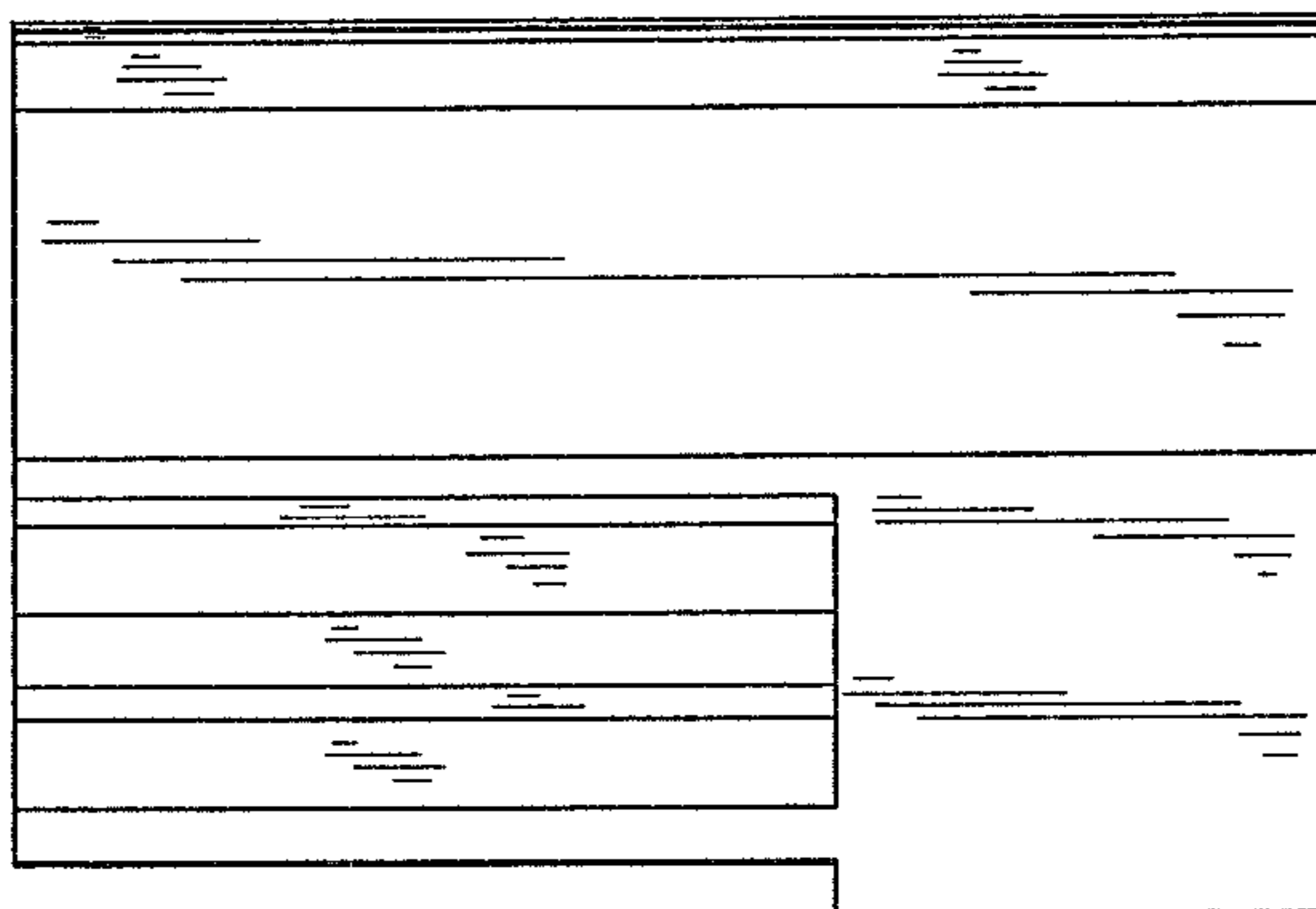


FIG. 5

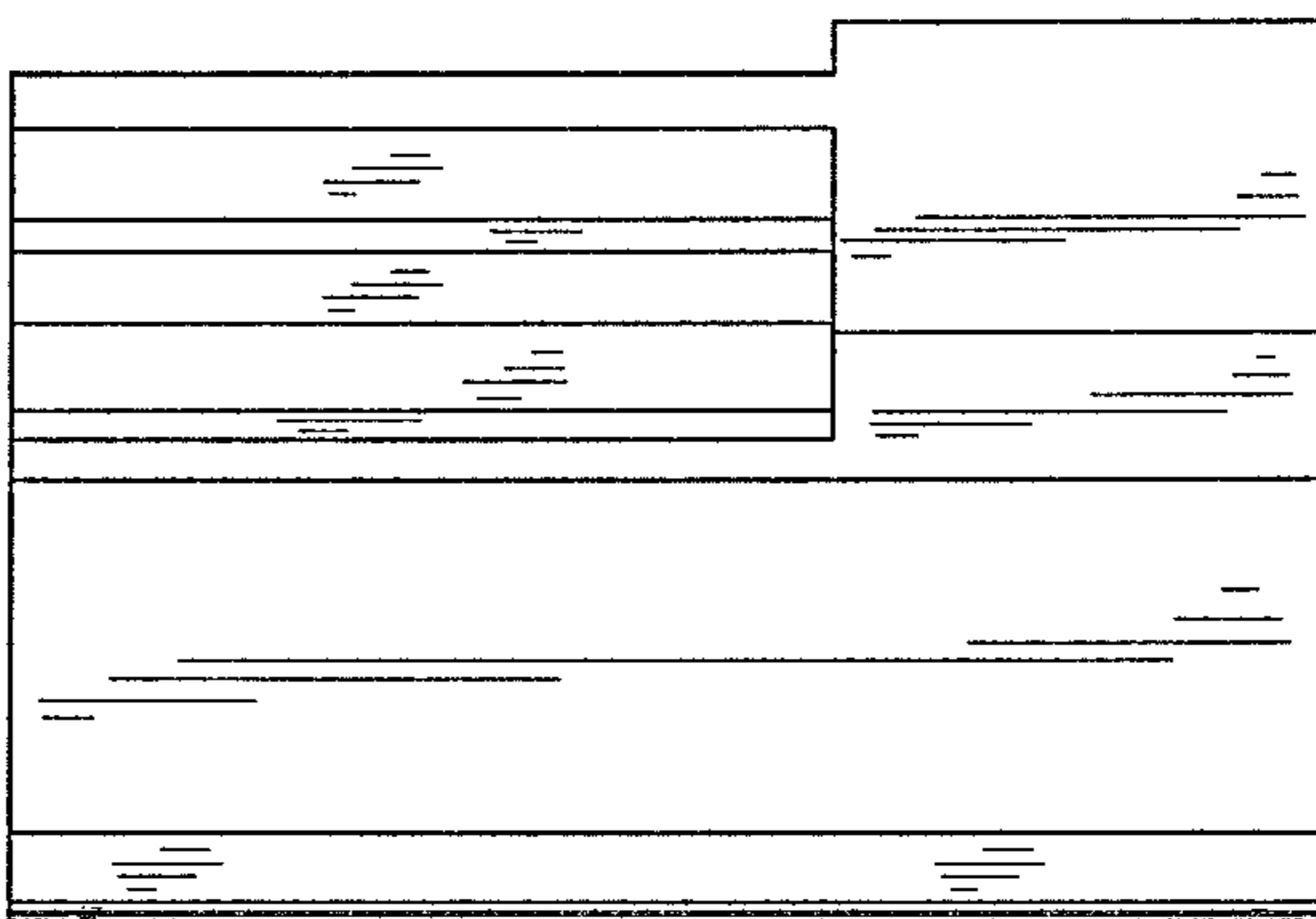


FIG. 4

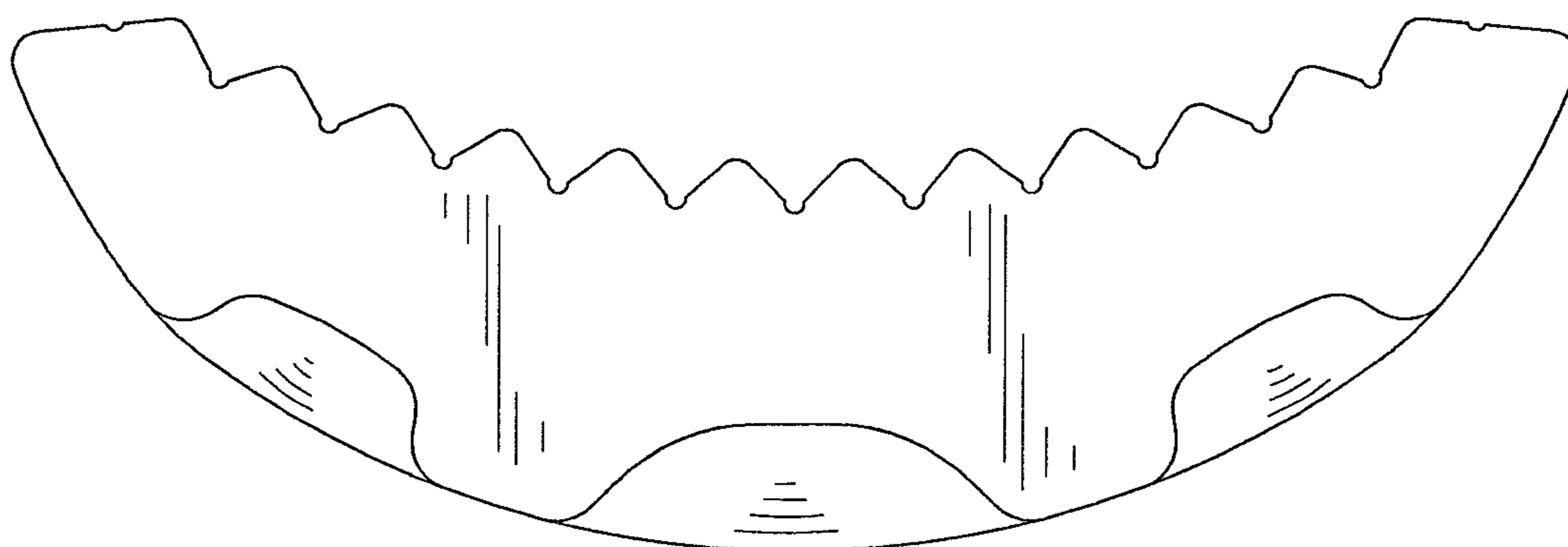


FIG. 6

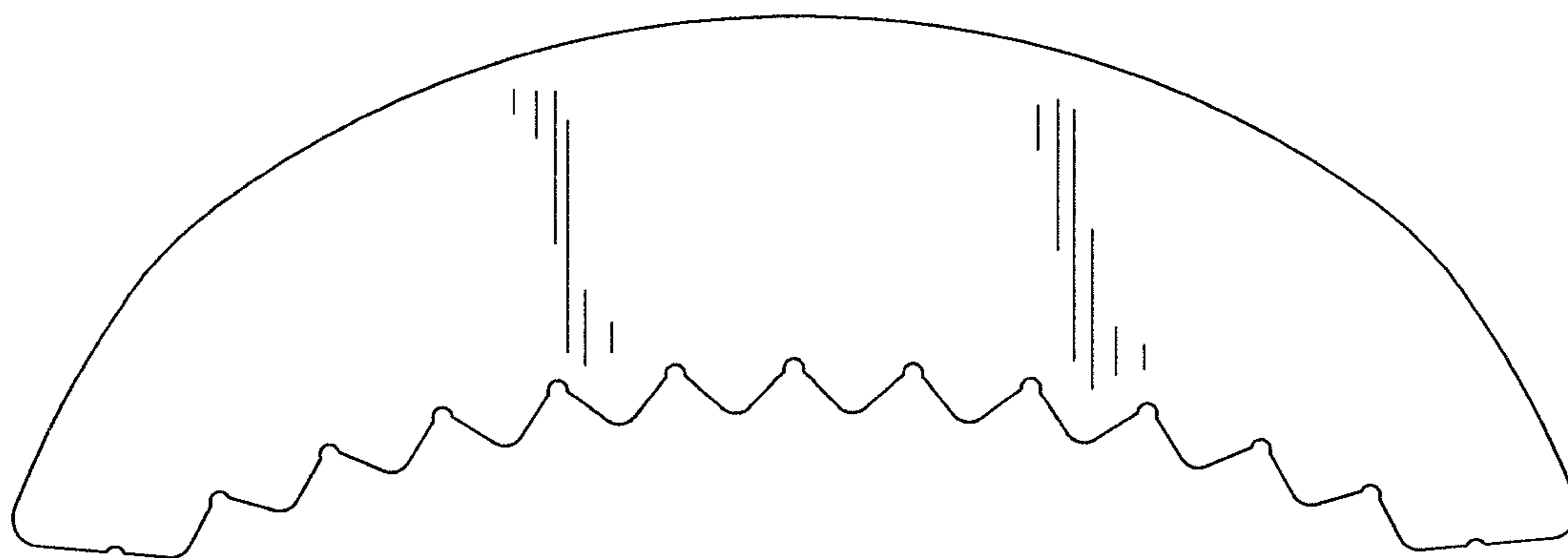


FIG. 7