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

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- (54) **HOLE SAW**
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D392,297 S	3/1998	Brutscher	
D478,105 S	8/2003	Morton et al.	
D478,106 S	8/2003	Morton et al.	
D478,339 S	8/2003	Morton et al.	
D478,919 S	8/2003	Morton et al.	
6,746,187 B2	6/2004	Alm	
6,948,574 B2	9/2005	Cramer et al.	
D516,594 S	3/2006	Morton	
D551,269 S	9/2007	Burke, III	
D588,175 S	3/2009	Morton	
D620,035 S *	7/2010	Eades	D15/139
D624,808 S	10/2010	Krawczak et al.	
D631,732 S	2/2011	Krawczak et al.	
D644,327 S	8/2011	Singh	
D659,176 S *	5/2012	Novak et al.	D15/139
D664,574 S *	7/2012	Burke, III	D15/139
2007/0269280 A1	11/2007	Vasydeva et al.	
2009/0035082 A1	2/2009	Singh	
2010/0067995 A1	3/2010	Keightley	
2011/0170965 A1	7/2011	Novak et al.	
2011/0170966 A1	7/2011	Novak et al.	
2011/0170967 A1	7/2011	Novak et al.	
2011/0243675 A1	10/2011	Fach	
2012/0183366 A1	7/2012	Stenman	

- (**) Term: **14 Years**
- (21) Appl. No.: **29/418,439**
- (22) Filed: **Apr. 17, 2012**

Related U.S. Application Data

- (62) Division of application No. 29/353,759, filed on Jan. 13, 2010, now Pat. No. Des. 659,176.

- (51) **LOC (9) Cl.** **15-09**
- (52) **U.S. Cl.**
USPC **D15/139**
- (58) **Field of Classification Search**
USPC D8/70; D15/138, 139, 140; 408/200–225,
408/1 R

See application file for complete search history.

* cited by examiner

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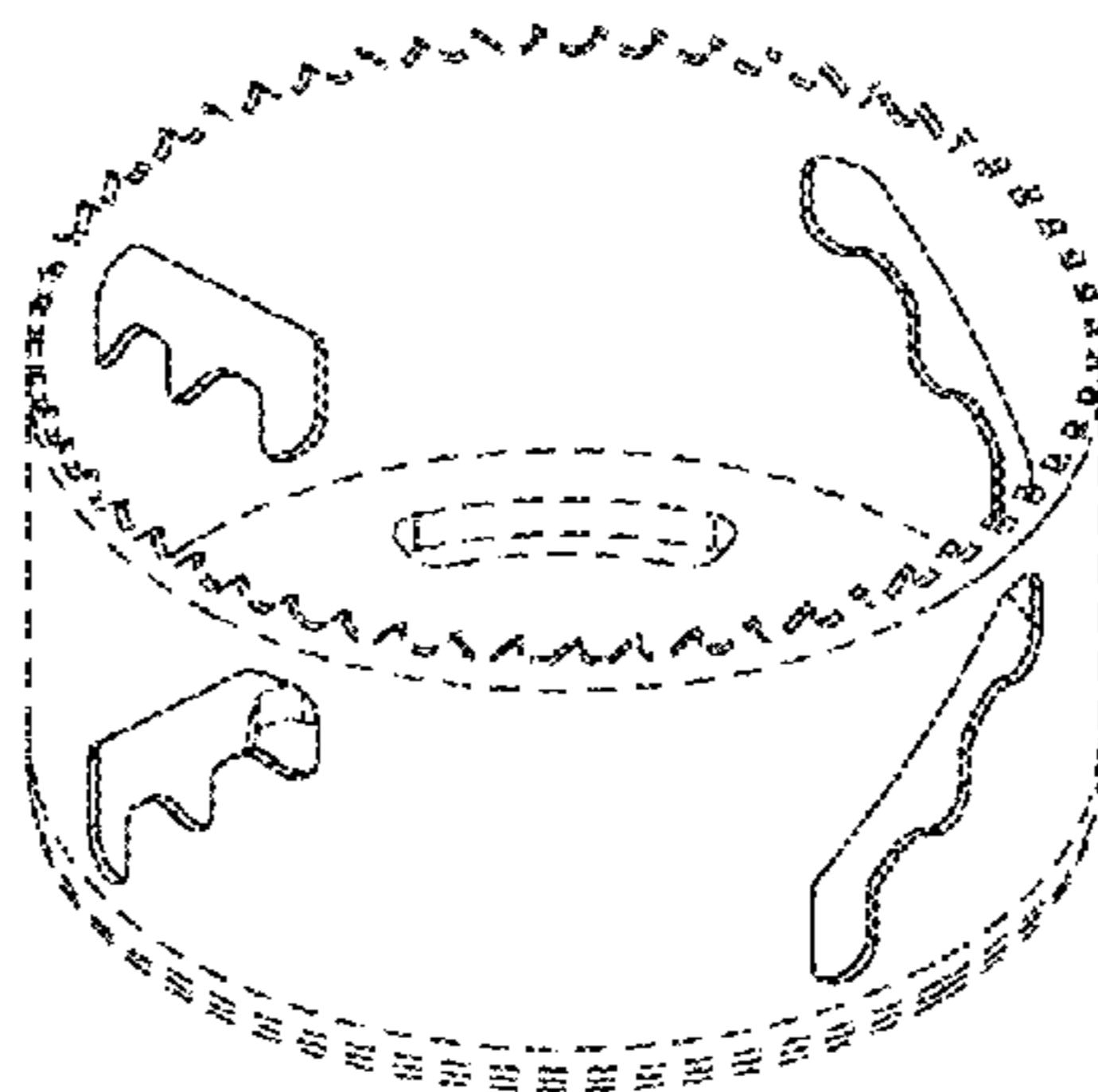
(57) **CLAIM**
The ornamental design for hole saw, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a hole saw showing the present invention;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a perspective view thereof;
FIG. 5 is left-side elevational view thereof;
FIG. 6 is right-side elevational view thereof; and,
FIG. 7 is rear view elevational thereof.
The broken lines in the figures show structure or boundaries that are not part of the claimed design.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
- | | | |
|-------------|---------|----------------|
| 2,319,528 A | 5/1943 | Barbour et al. |
| 2,473,077 A | 6/1949 | Starbuck, Jr. |
| 2,779,361 A | 1/1957 | McKiff |
| D282,369 S | 1/1986 | de Villiers |
| 4,760,643 A | 8/1988 | Juma |
| D303,118 S | 8/1989 | Cox |
| 5,007,777 A | 4/1991 | Itokazu |
| 5,061,126 A | 10/1991 | Cane et al. |
| 5,205,685 A | 4/1993 | Herbert |
| 5,651,646 A | 7/1997 | Banke et al. |
| D391,974 S | 3/1998 | Brutscher |

1 Claim, 4 Drawing Sheets



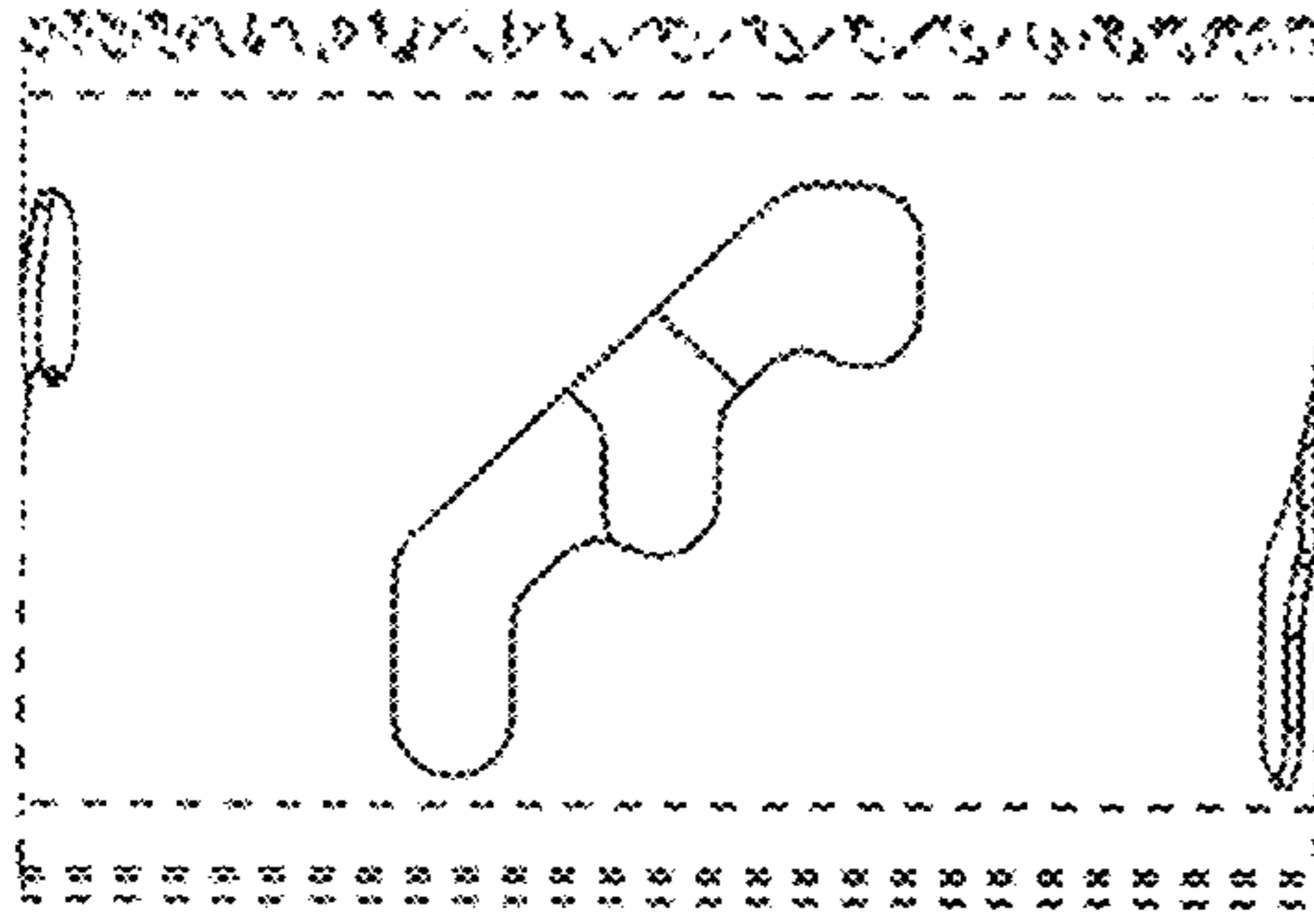


FIG. 1

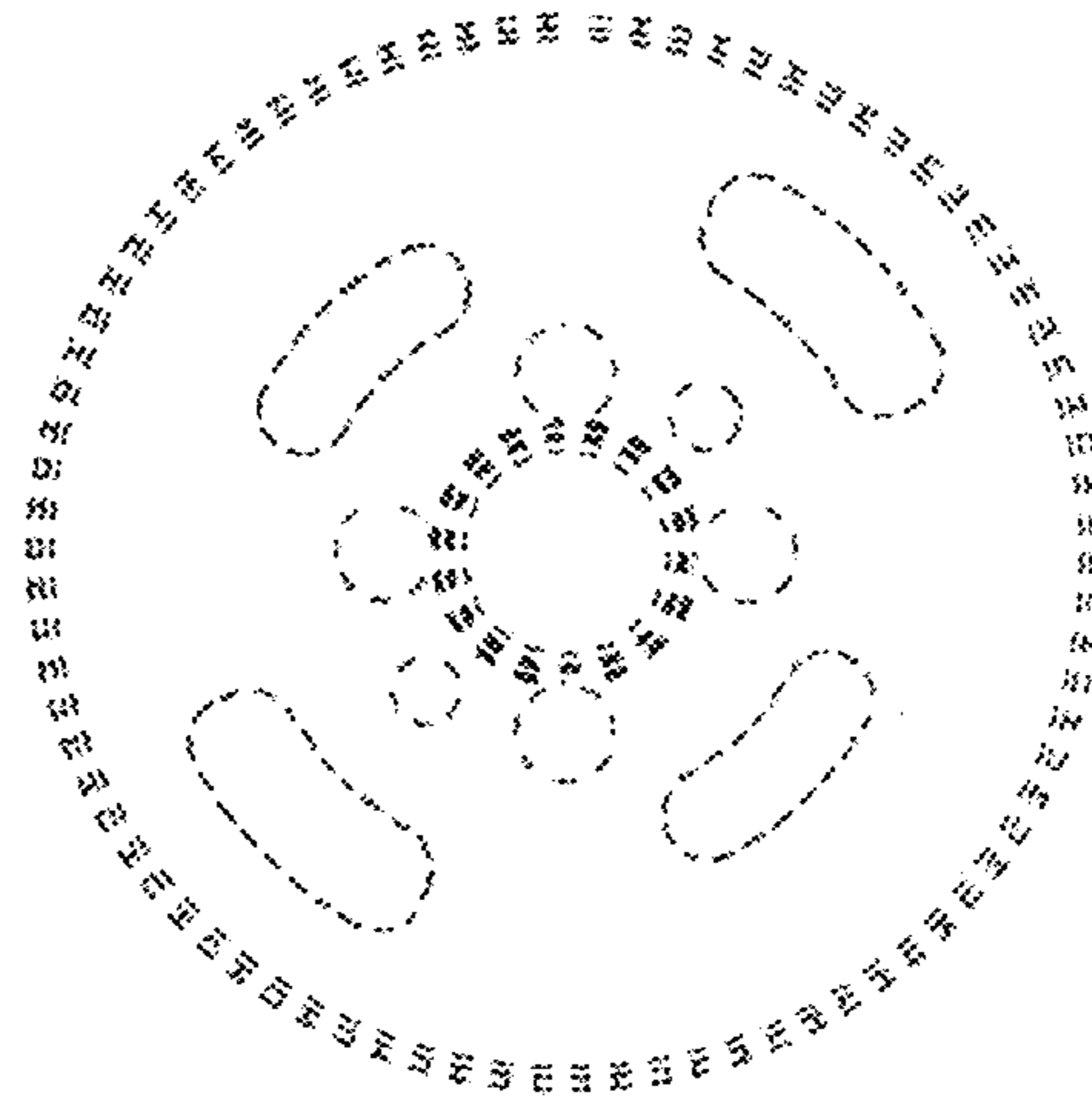


FIG. 2

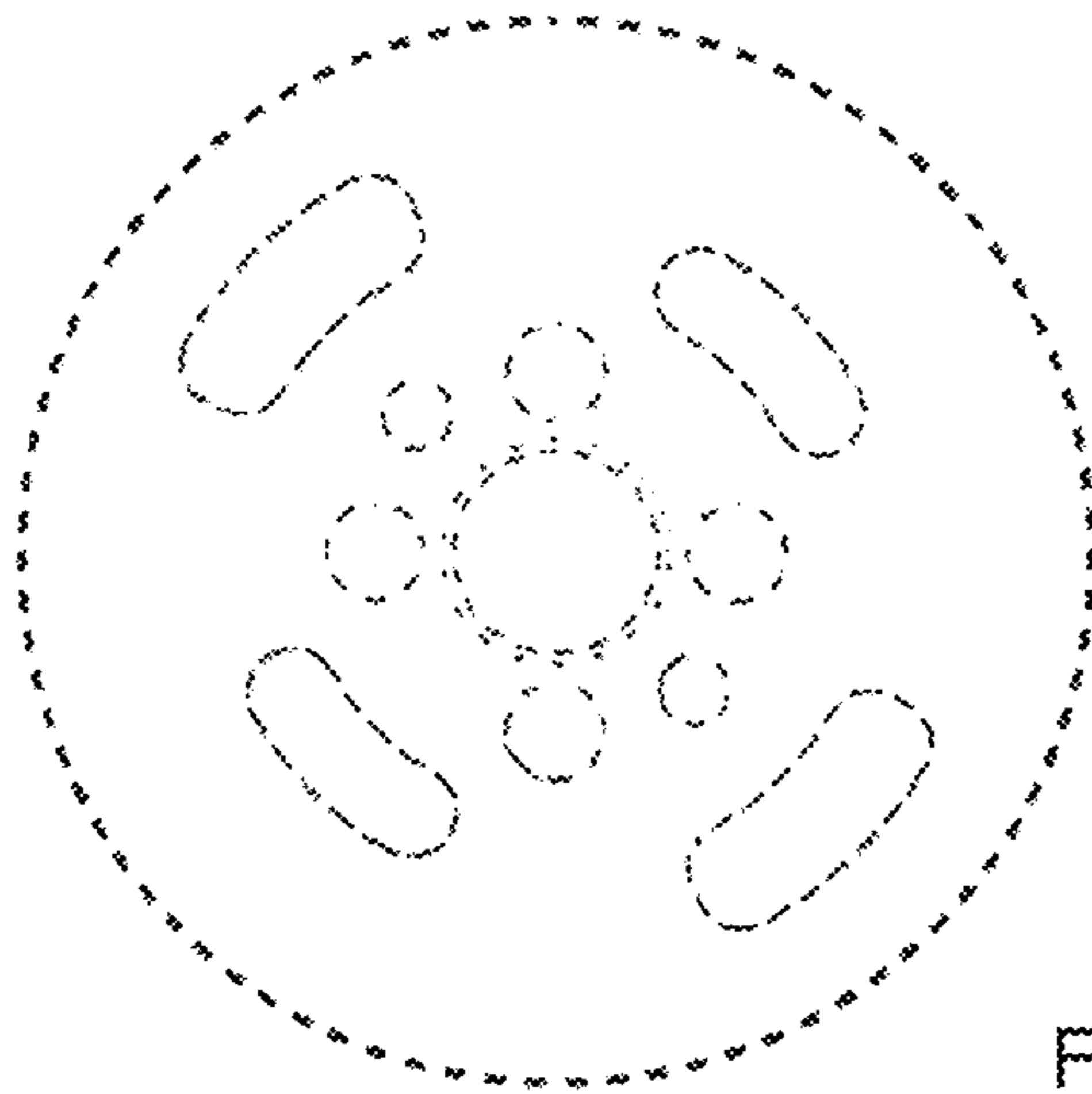


FIG. 3

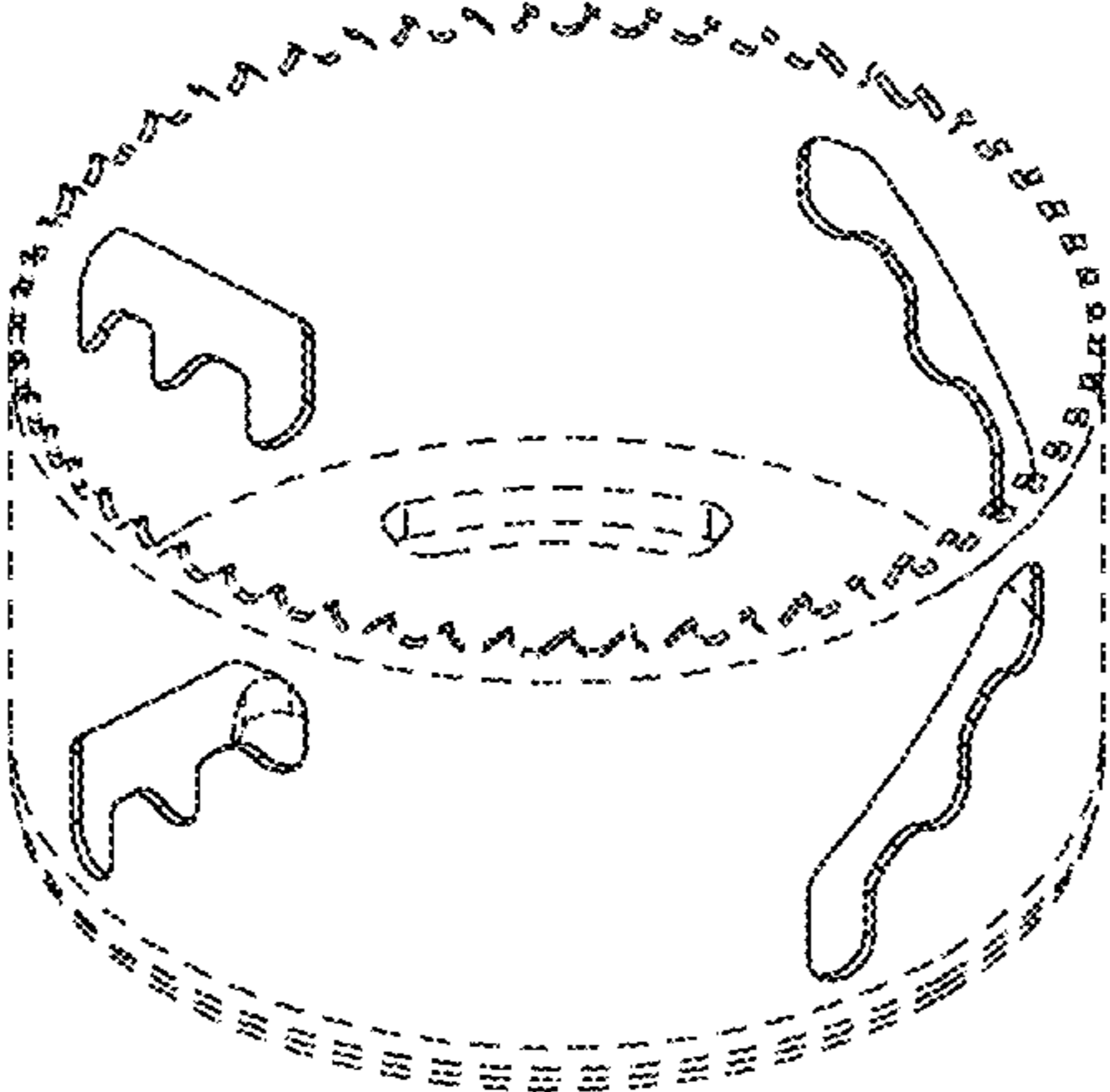


FIG. 4

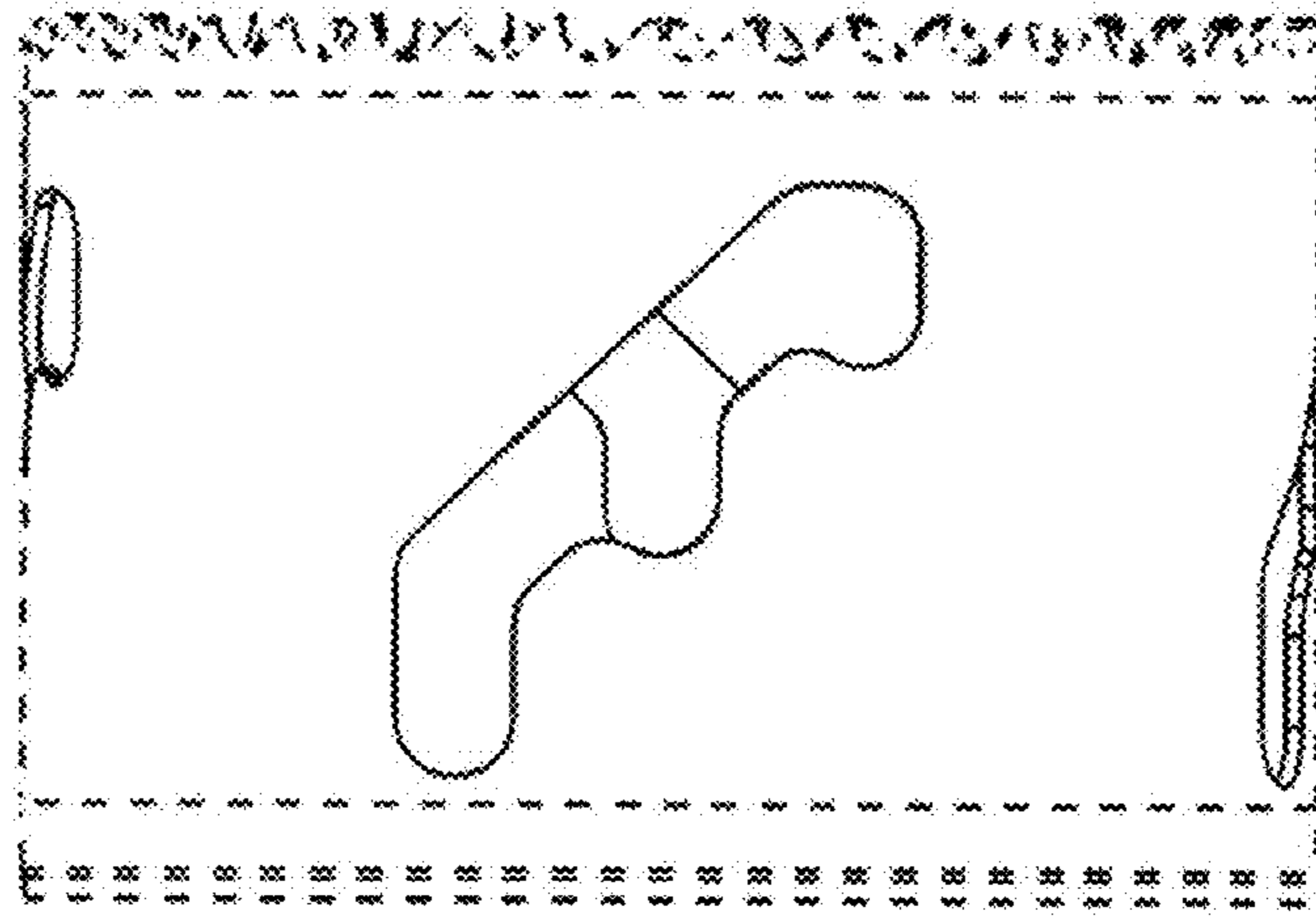


FIG. 5

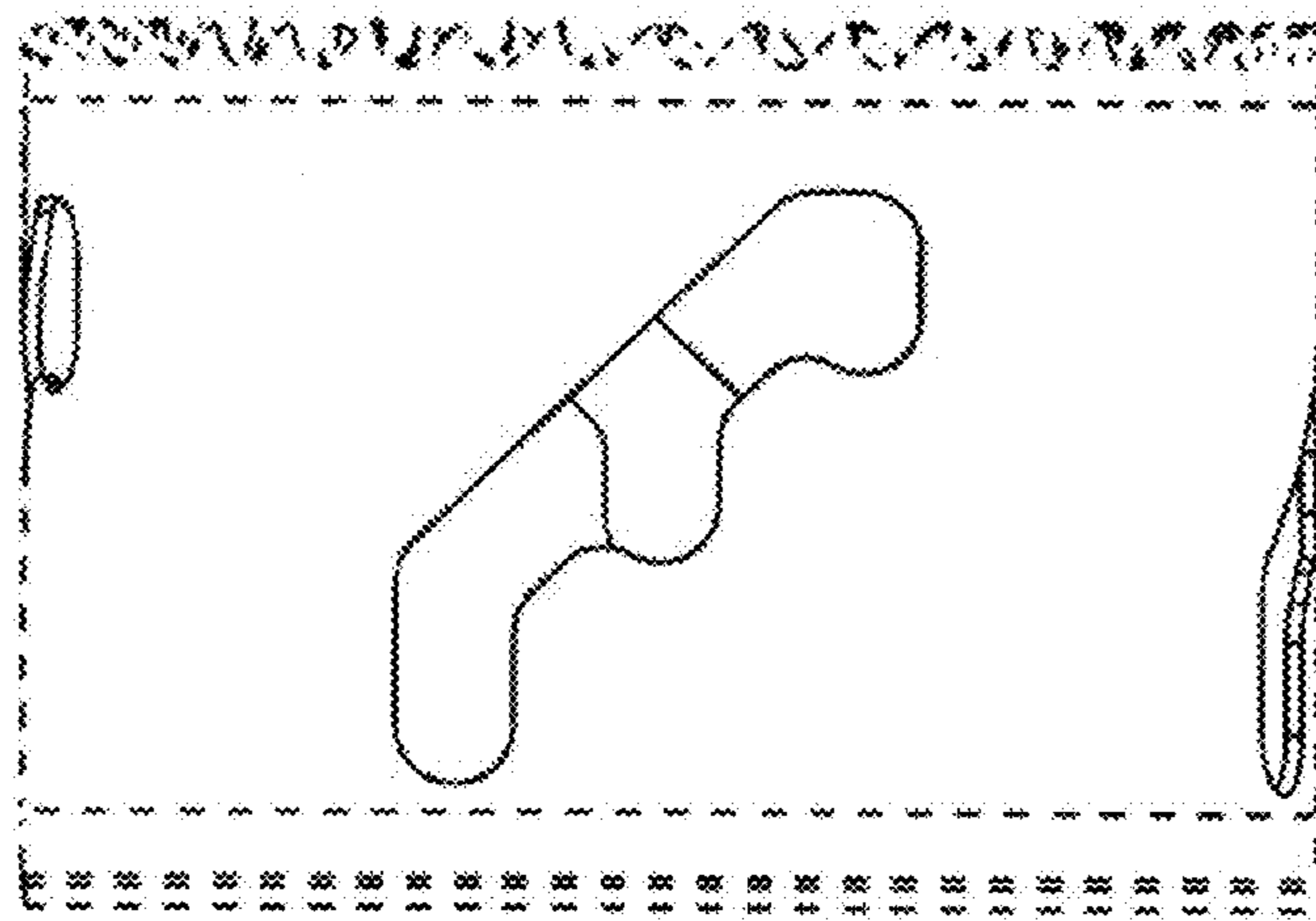


FIG. 6

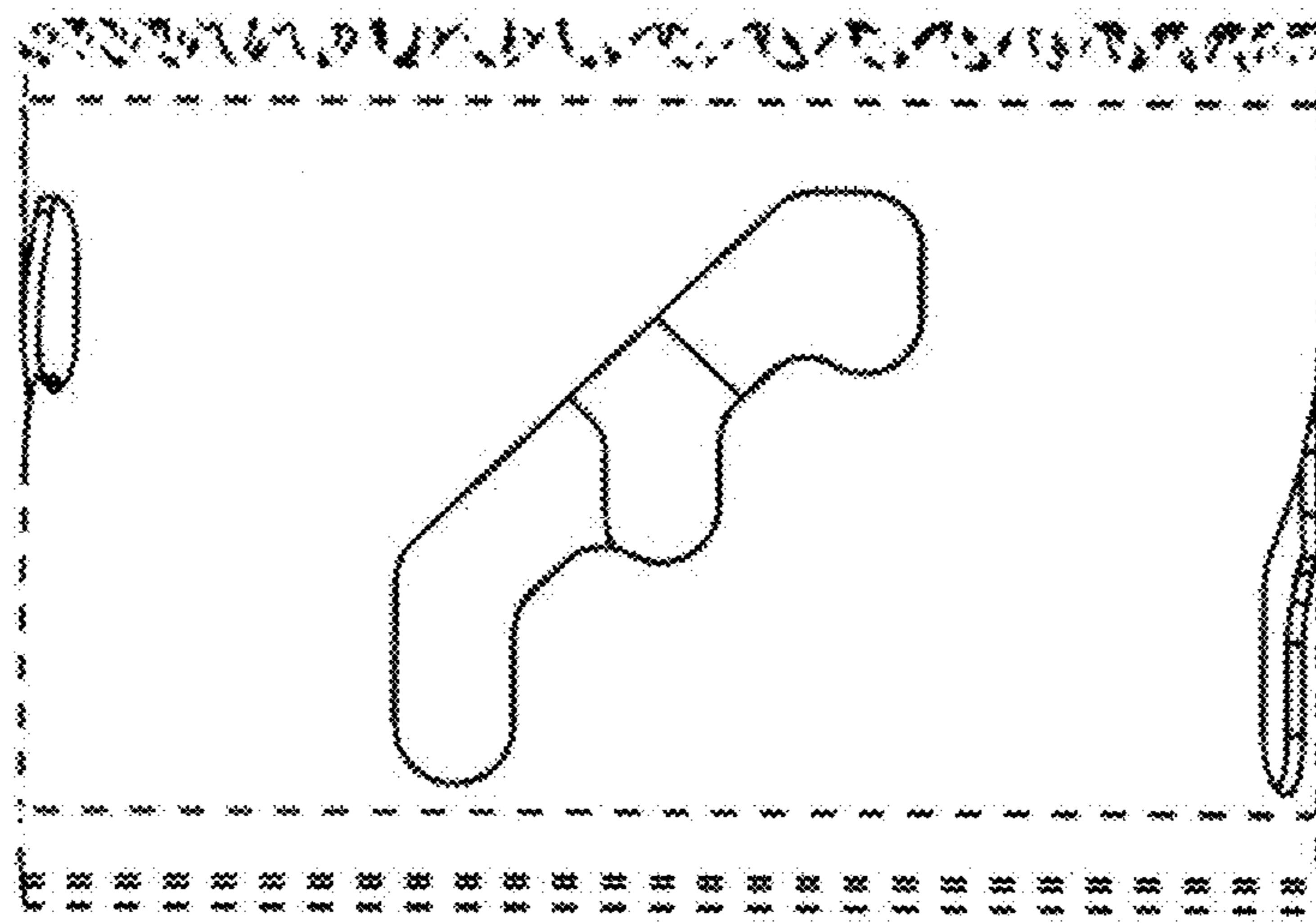


FIG. 7