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

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(54) **ADHESIVE TAPE FOR SEMICONDUCTOR MANUFACTURING**

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D480,811 S 10/2003 Horhota et al.
D490,470 S 5/2004 Fujii
D490,854 S 6/2004 Fujii
D490,855 S 6/2004 Fujii
D491,226 S 6/2004 Fujii
D491,227 S 6/2004 Fujii
D491,228 S 6/2004 Fujii
D491,229 S 6/2004 Fujii
D492,354 S 6/2004 Fujii
D493,838 S 8/2004 Fujii
6,864,295 B2 * 3/2005 Mitarai 521/50.5
D529,096 S 9/2006 Jordan

(Continued)

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FOREIGN PATENT DOCUMENTS

(*) Notice: This patent is subject to a terminal disclaimer.

JP D1315621 11/2007

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/389,790**

Taniguchi et al., U.S. Appl. No. 29/389,788, filed Apr. 15, 2011.

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(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.** **D13/182**

(58) **Field of Classification Search** D13/182;
156/235, 248; 428/343, 345, 353, 355 R;
438/114, 455, 460, 463

See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

D194,932 S 4/1963 Masuda
D228,439 S 9/1973 Mercadante
D287,683 S 1/1987 Unger
D392,330 S 3/1998 Sucese
D395,641 S 6/1998 Gaete

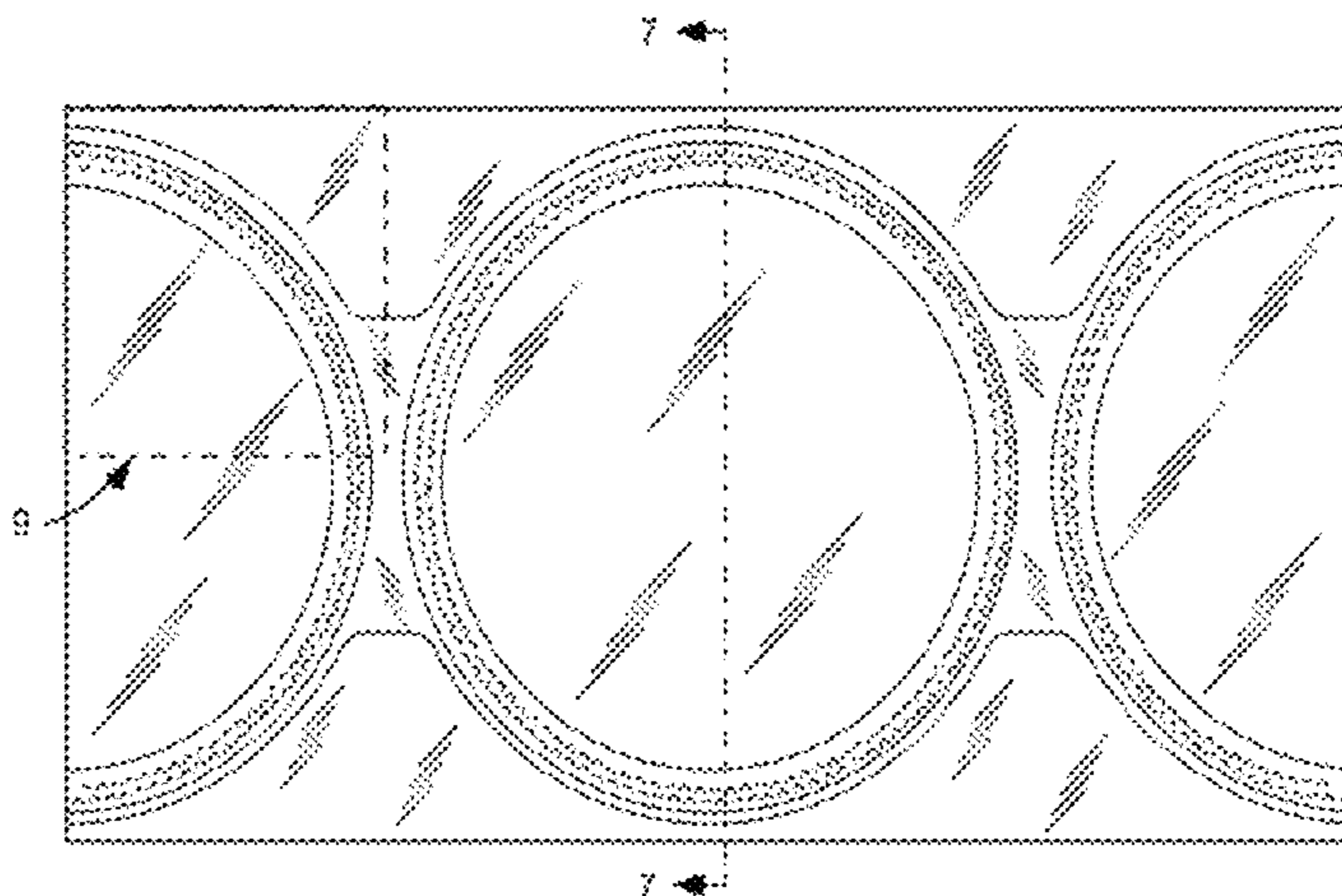
(57) **CLAIM**

The ornamental design for an adhesive tape for semiconductor manufacturing, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of our new design;
FIG. 2 is a bottom plan view;
FIG. 3 is a left side view;
FIG. 4 is a right side view;
FIG. 5 is a rear side view;
FIG. 6 is a front side view;
FIG. 7 is a cross sectional view taken at line 7-7 of FIG. 1;
FIG. 8 is an exploded view; and,
FIG. 9 is a close-up view of region 9 in FIG. 1.

1 Claim, 4 Drawing Sheets



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U.S. PATENT DOCUMENTS

D544,607 S 6/2007 Henry et al.
D589,473 S * 3/2009 Takamoto et al. D13/182
D621,051 S 8/2010 Kase et al.
D621,803 S 8/2010 Maruyama et al.
D628,170 S 11/2010 Maruyama et al.
2007/0241436 A1 * 10/2007 Ookubo et al. 257/678
2010/0080989 A1 * 4/2010 Asai et al. 428/345

OTHER PUBLICATIONS

Taniguchi et al., U.S. Appl. No. 29/389,794, filed Apr. 15, 2011.

Taniguchi et al., U.S. Appl. No. 29/389,797, filed Apr. 15, 2011.

* cited by examiner

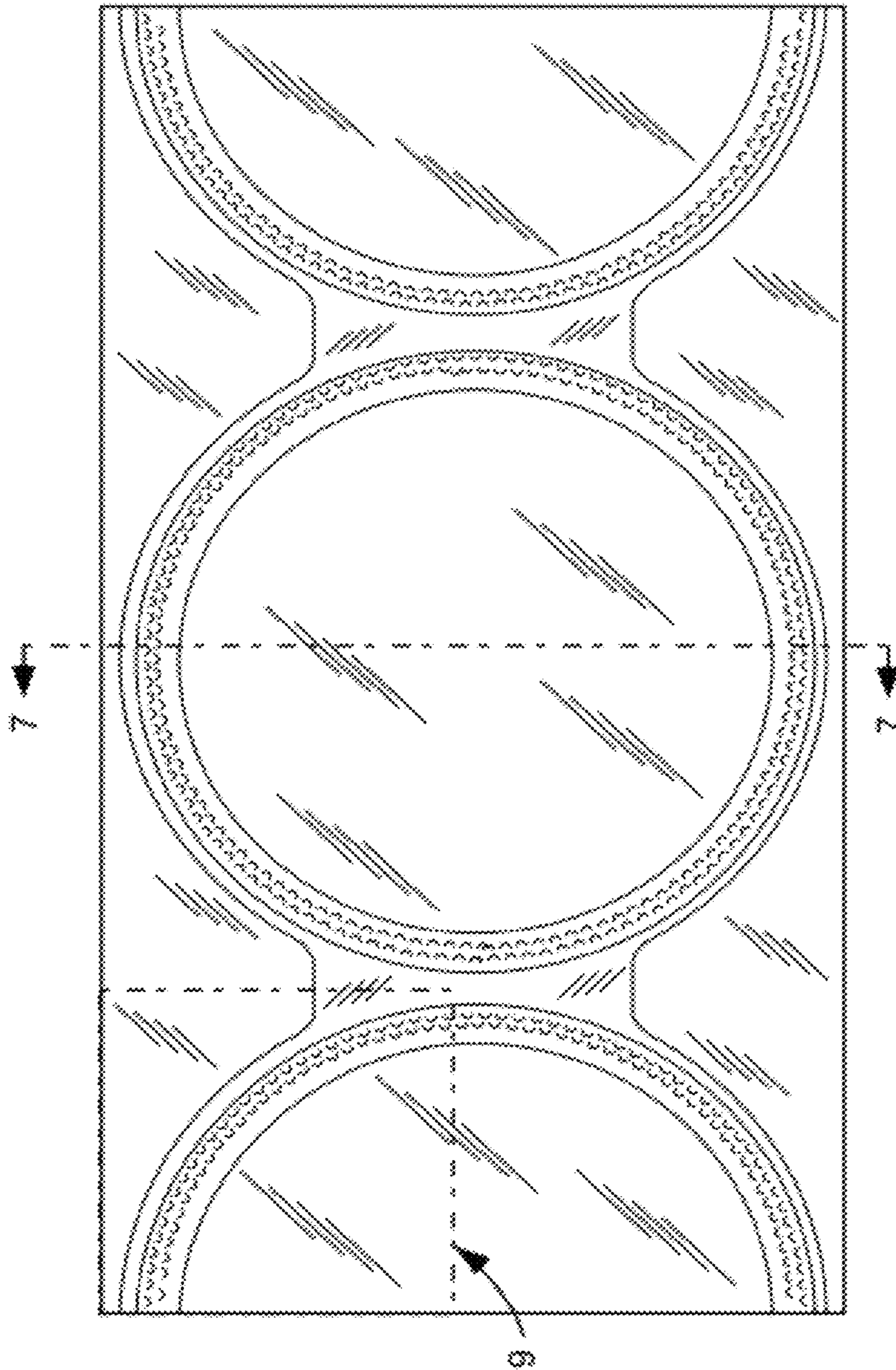


Fig. 1

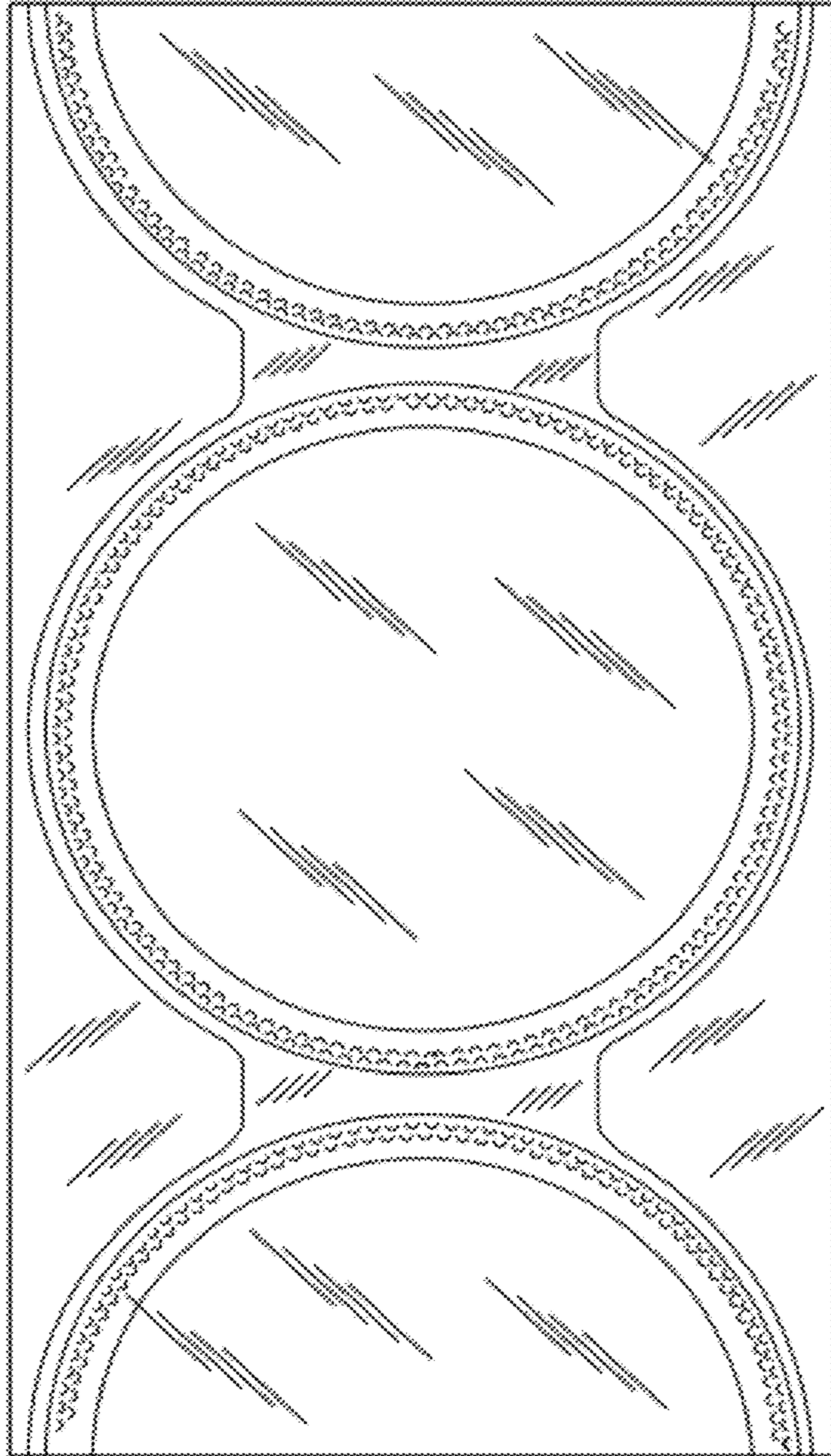


Fig. 2



Fig. 7



Fig. 4



Fig. 3



Fig. 5



Fig. 6

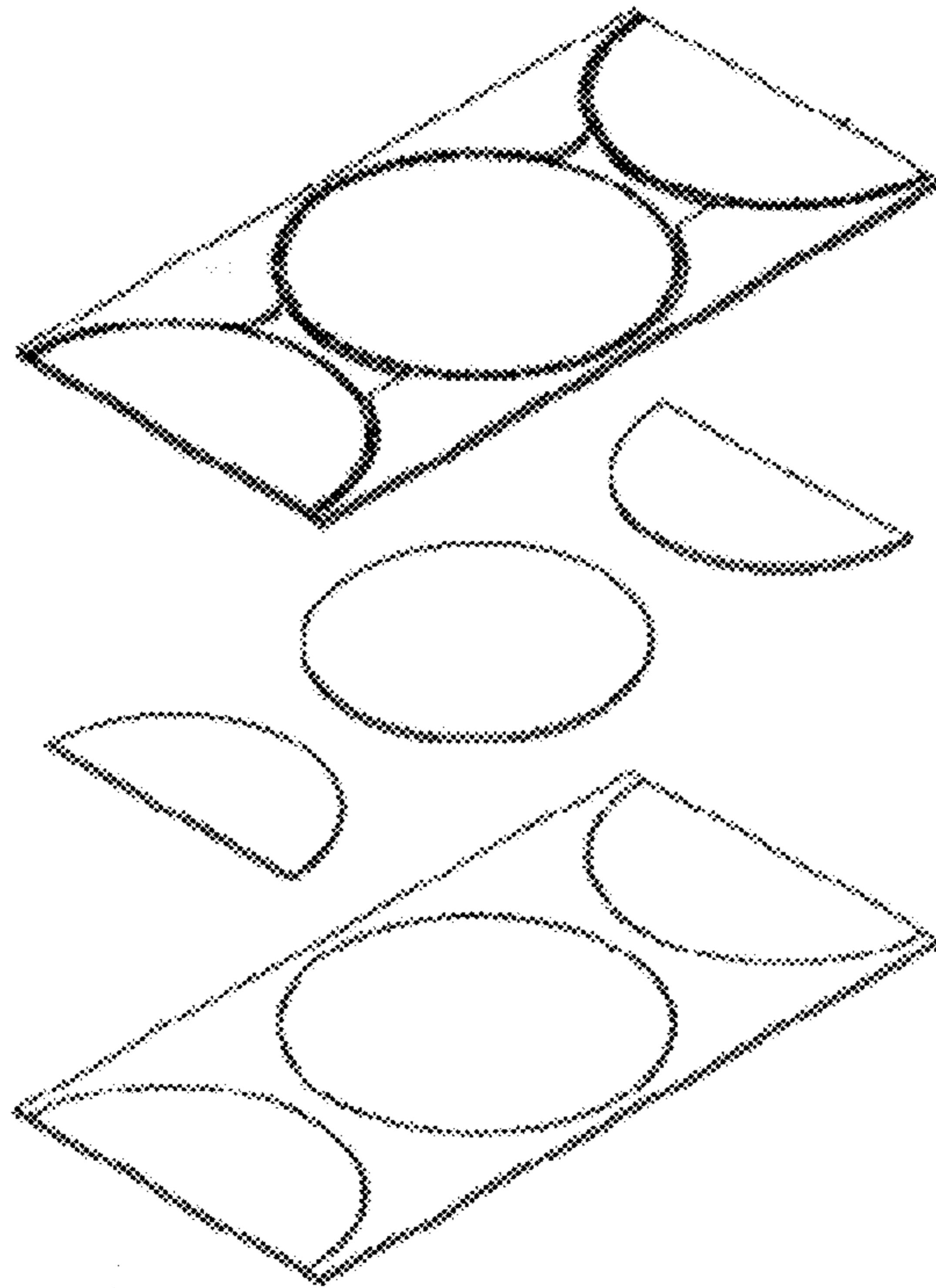


Fig. 8

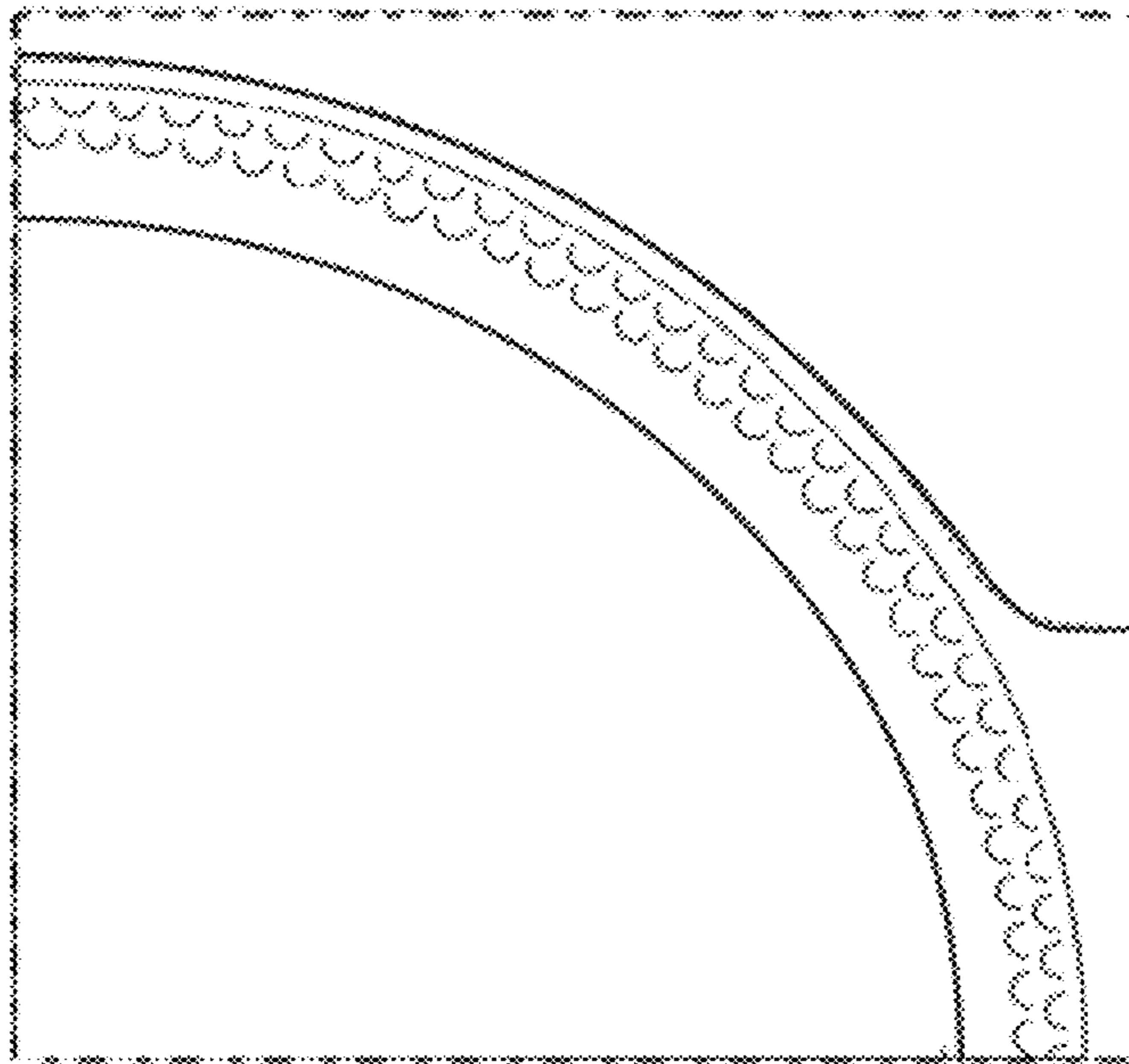


Fig. 9