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

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(54) **LOWER DISK FOR CHECKING BODY FLUID**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/216**

(58) **Field of Classification Search**  
USPC ..... D24/216, 217, 219, 231, 232, 107,  
D24/169, 186; D10/81; 422/62-65, 67, 72;  
436/43, 45, 47; 494/9, 11, 12, 20, 84  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,218,394 B2 \* 5/2007 Murakami et al. .... 356/246  
D564,667 S \* 3/2008 Bedingham et al. .... D24/216  
7,604,776 B2 \* 10/2009 Yamamoto et al. .... 422/64  
7,758,810 B2 \* 7/2010 Lee et al. .... 422/72  
8,226,826 B2 \* 7/2012 Wo et al. .... 422/72

D672,050 S \* 12/2012 Lee et al. .... D24/216  
D672,467 S \* 12/2012 Smith et al. .... D24/216  
2009/0053108 A1 \* 2/2009 Cho et al. .... 422/72  
2009/0317896 A1 \* 12/2009 Yoo ..... 422/72  
2010/0035333 A1 \* 2/2010 Lee et al. .... 435/287.1  
2010/0297659 A1 \* 11/2010 Yoo ..... 435/6  
2011/0124128 A1 \* 5/2011 Oosterbroek et al. .... 436/518  
2011/0201101 A1 \* 8/2011 Lee et al. .... 422/72

**OTHER PUBLICATIONS**

U.S. Appl. No. 29/438,062, Applicant: Beom-Seok Lee et al., filed  
Nov. 26, 2012 entitled Disk for Checking Body Fluid.

\* cited by examiner

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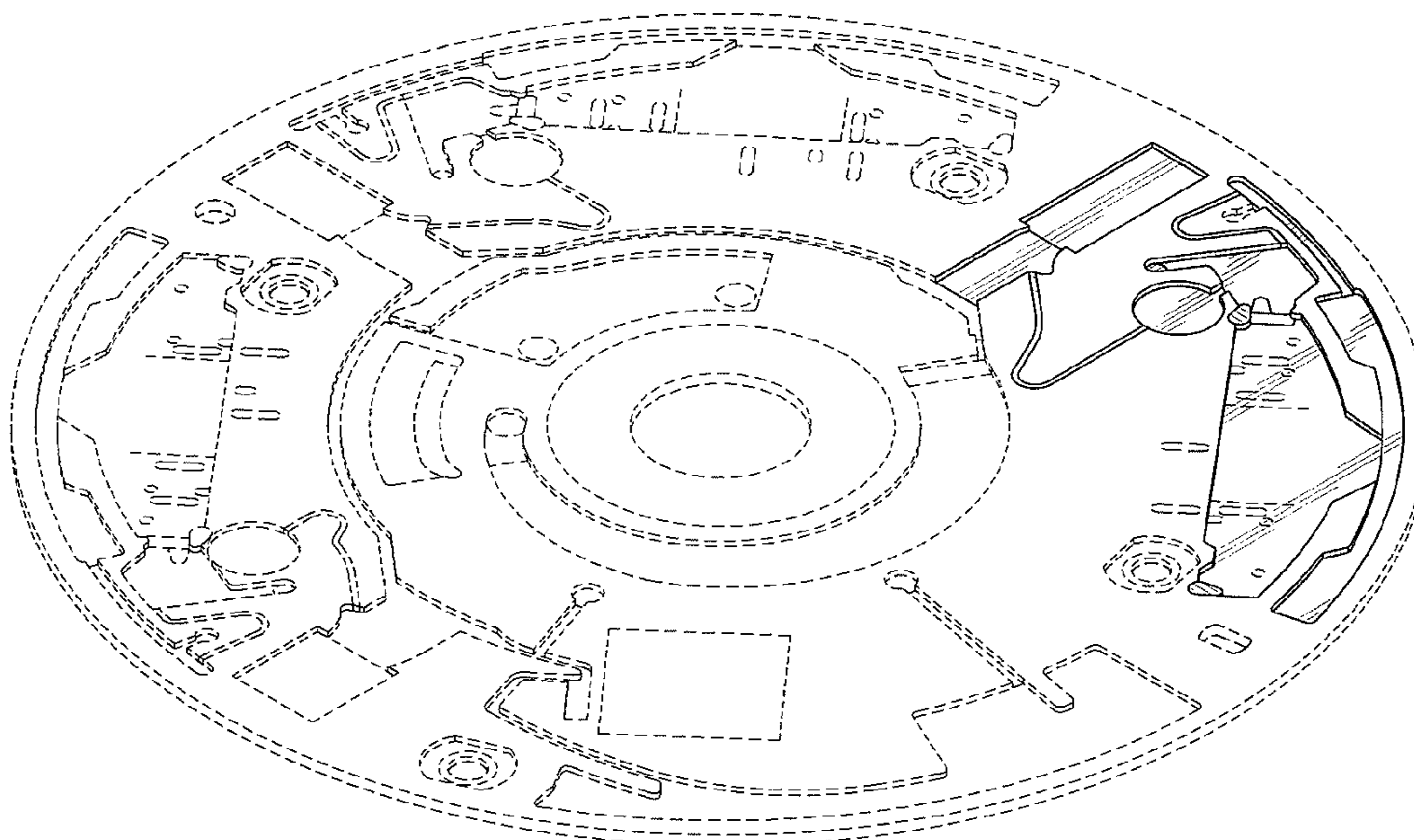
(57) **CLAIM**

The ornamental design for a lower disk for checking body  
fluid, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front perspective view of a lower disk for  
checking body fluid showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is a using state view thereof when the upper disk is  
combined with the present lower disk.  
The broken lines depict environmental subject matter only  
and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



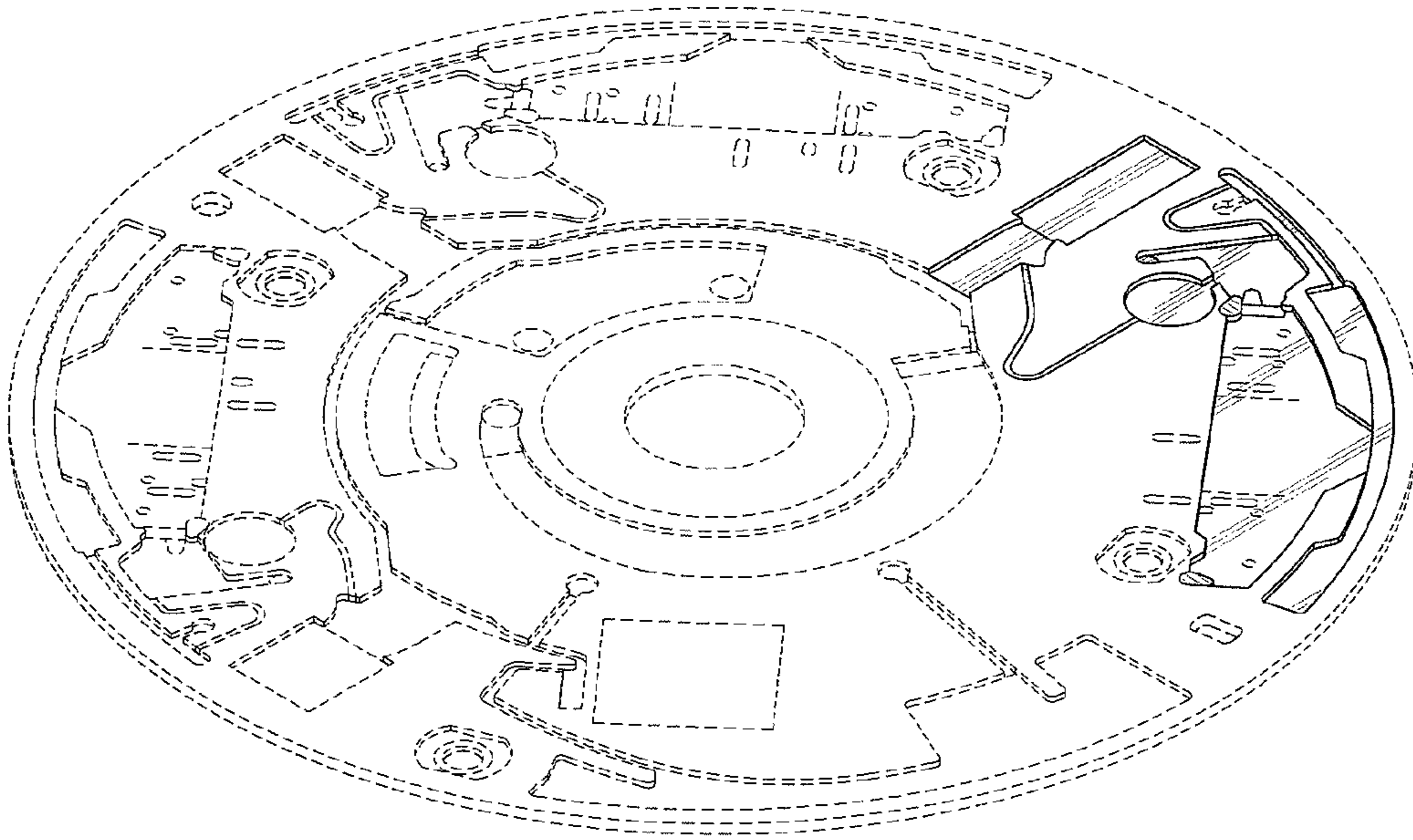


FIG. 1

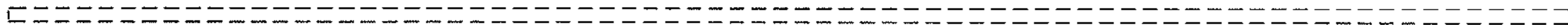


FIG. 2

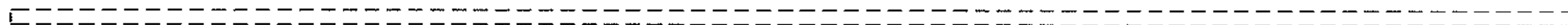


FIG. 3

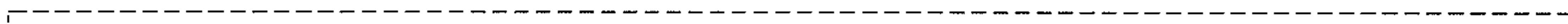


FIG. 4

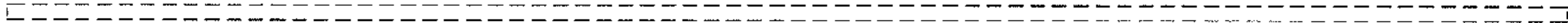


FIG. 5

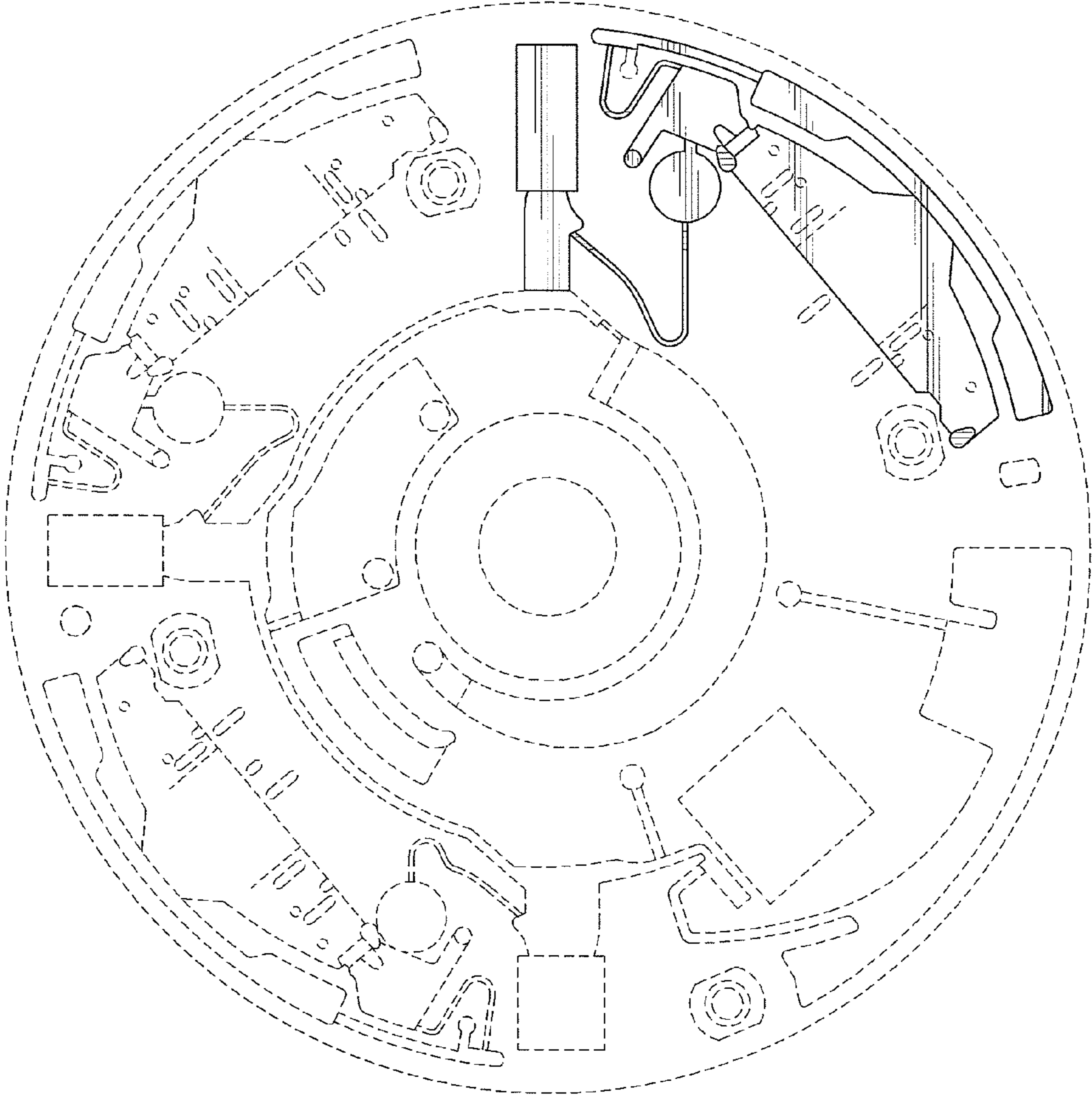


FIG. 6

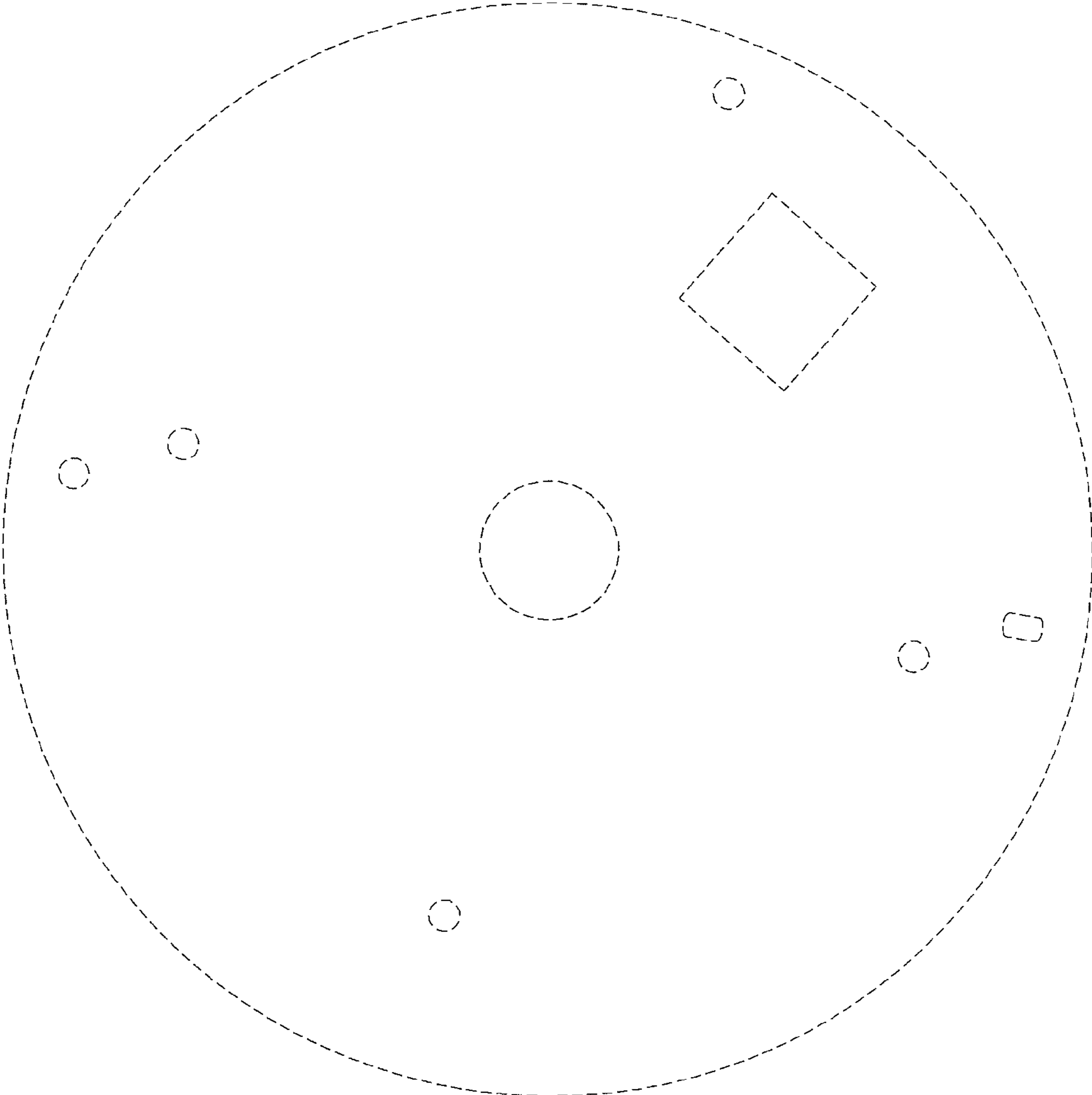


FIG. 7

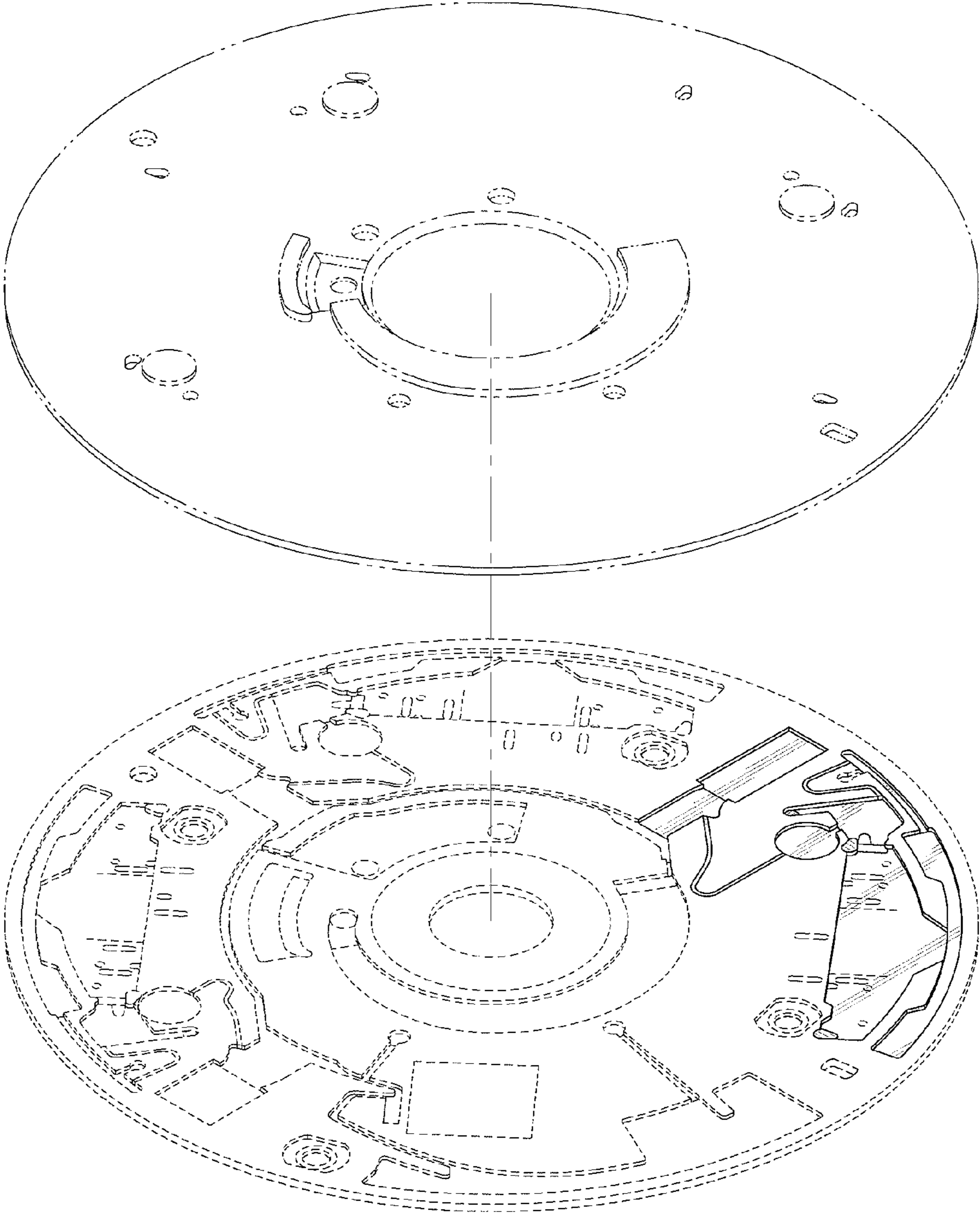


FIG. 8