



US00D809030S

(12) **United States Design Patent**  
**Hoop**

(10) **Patent No.:** **US D809,030 S**  
(45) **Date of Patent:** **\*\* Jan. 30, 2018**

(54) **CHANGE MODULE**

(71) Applicant: **Hilti Aktiengesellschaft**, Schaan (LI)

(72) Inventor: **Matthaeus Hoop**, Eschen (LI)

(73) Assignee: **Hilti Aktiengesellschaft**, Schaan (LI)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/551,364**

(22) Filed: **Jan. 13, 2016**

**Related U.S. Application Data**

(62) Division of application No. 29/481,448, filed on Feb. 6, 2014, now Pat. No. Des. 752,662.

(30) **Foreign Application Priority Data**

Aug. 9, 2013 (WO) ..... DM/081 539

(51) **LOC (11) Cl.** ..... **15-09**

(52) **U.S. Cl.**  
USPC ..... **D15/138**

(58) **Field of Classification Search**  
USPC ..... D15/28, 138, 139  
CPC ..... B28D 1/041; B28D 1/121; B24D 3/06;  
B24D 5/123; E21B 10/02; E21B 10/48;  
Y10T 408/81; Y10T 408/895  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 3,671,918 A \* 6/1972 Mitchell ..... H01R 31/00  
439/189
- 4,208,154 A 6/1980 Gundy
- 5,218,888 A 6/1993 Merrill
- D342,270 S 12/1993 Kwang
- 5,996,571 A 12/1999 Jedick
- 6,033,295 A 3/2000 Fisher et al.
- 6,192,875 B1 2/2001 Koruko et al.

- D466,139 S 11/2002 Kim et al.
- D481,045 S 10/2003 Ahn
- 7,101,128 B2 9/2006 Hansson
- D541,831 S 5/2007 Miyanaga
- D560,699 S 1/2008 Omi
- 7,628,228 B2 12/2009 Drivdahl et al.
- 7,641,004 B2 1/2010 Lapointe
- D647,114 S 10/2011 Pearce et al.
- D647,115 S 10/2011 Pearce et al.
- D647,546 S 10/2011 Omi
- D656,168 S 3/2012 Omi
- 8,459,381 B2 6/2013 Pearce et al.
- D705,282 S 5/2014 Jones, Jr.

(Continued)

**FOREIGN PATENT DOCUMENTS**

- CN 301402967 S 12/2010
- DE 102011089546 A1 6/2013

(Continued)

**OTHER PUBLICATIONS**

English Translation of Search Report of Design Patent Application No. 103307425D01, dated Jul. 9, 2015.

*Primary Examiner* — Patricia A Palasik

(74) *Attorney, Agent, or Firm* — Crowell & Moring LLP

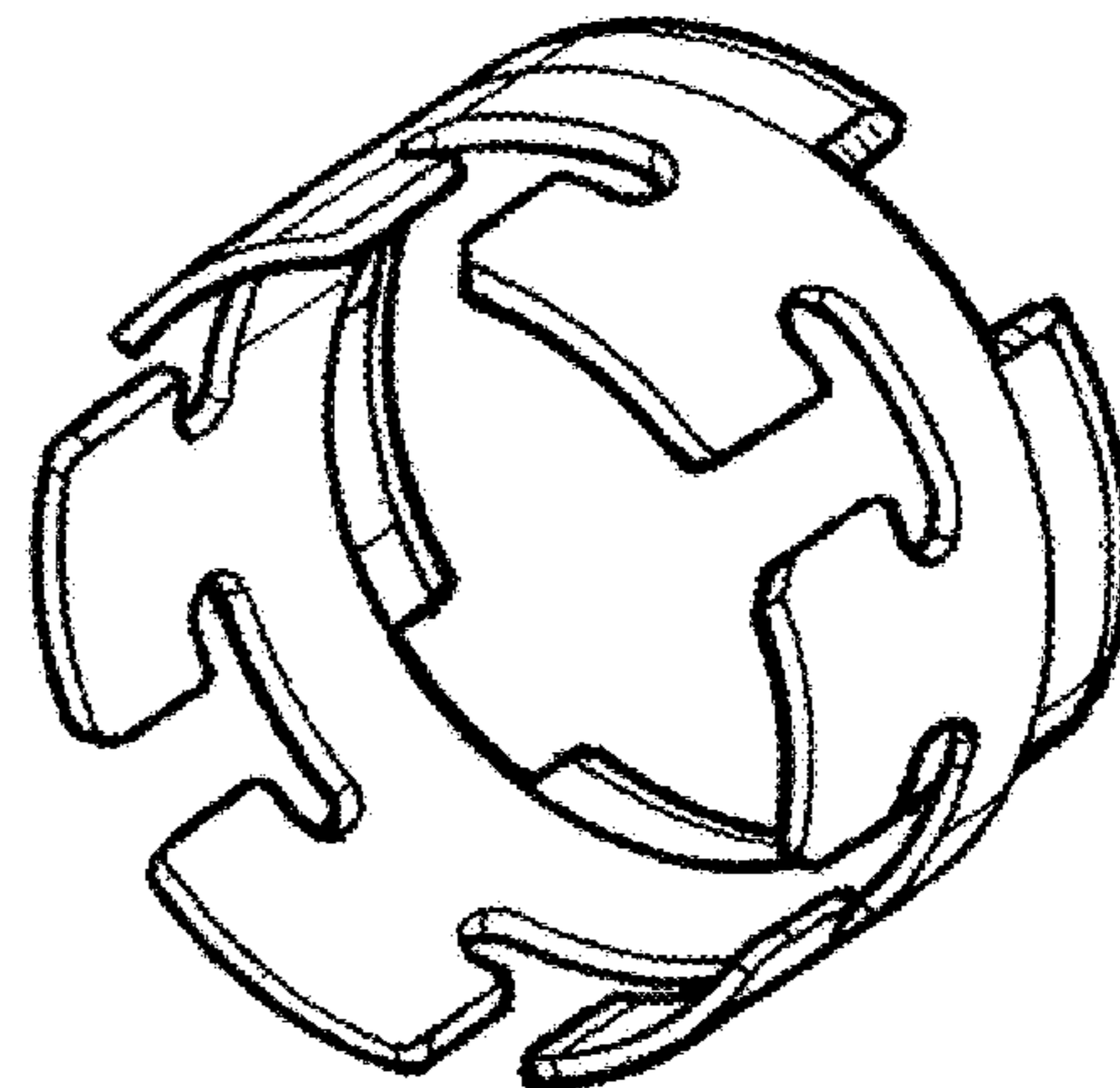
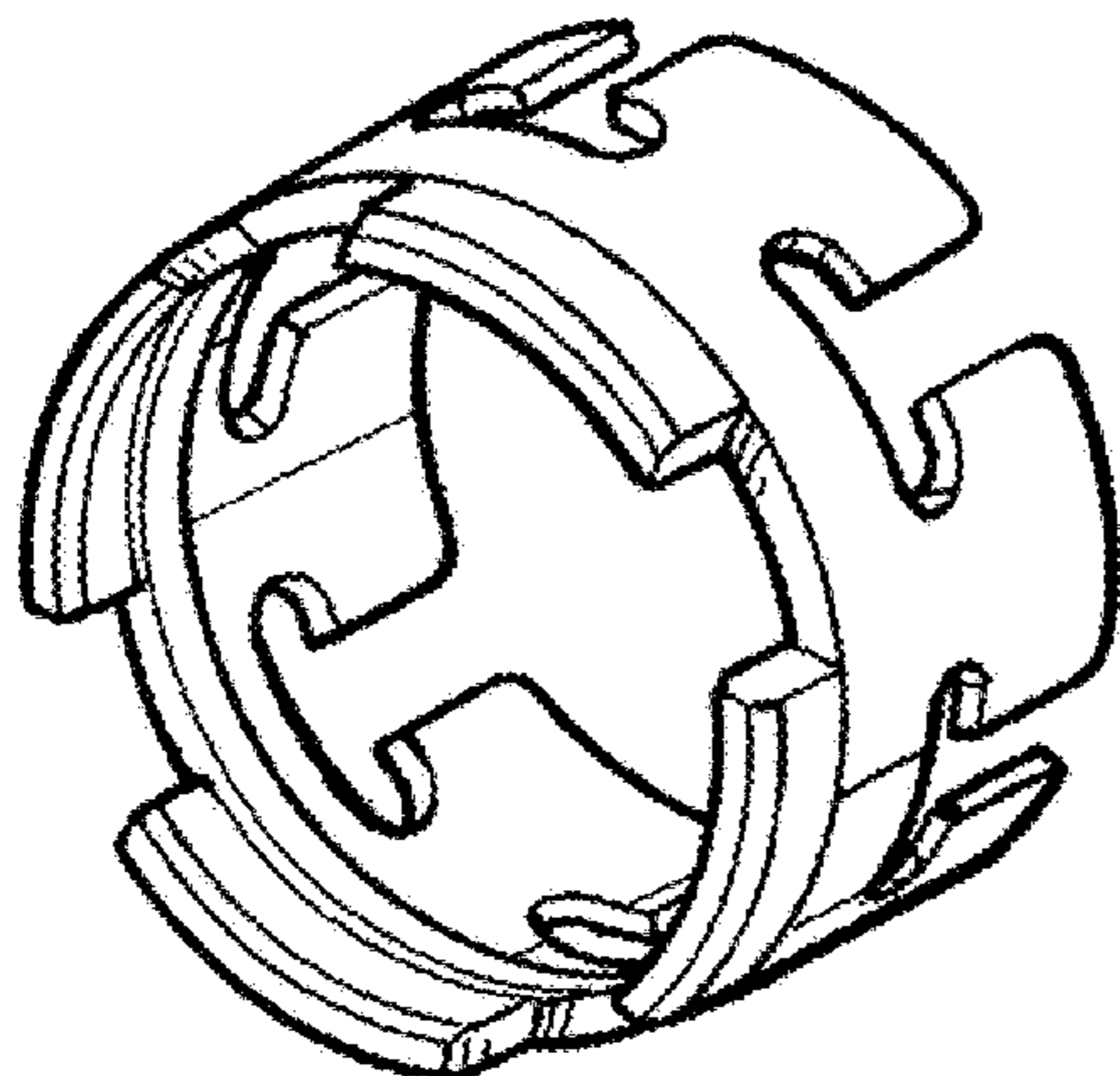
(57) **CLAIM**

The ornamental design for a change module, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a change module according to the design;  
FIG. 2 is bottom perspective view thereof;  
FIG. 3 is a side view thereof;  
FIG. 4 is an additional side view thereof;  
FIG. 5 is a top view thereof; and,  
FIG. 6 is a bottom view thereof.

**1 Claim, 1 Drawing Sheet**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

9,051,786 B2 6/2015 Lambert et al.  
9,097,067 B2 8/2015 Gosamo et al.  
D752,662 S \* 3/2016 Hoop ..... D15/138  
2013/0204186 A1\* 8/2013 Moore ..... A61M 5/2448  
604/111  
2015/0323068 A1\* 11/2015 Han ..... F16H 3/083  
74/374

FOREIGN PATENT DOCUMENTS

TW 286696 9/1996  
TW 324464 1/1998  
TW 416482 12/2000

\* cited by examiner

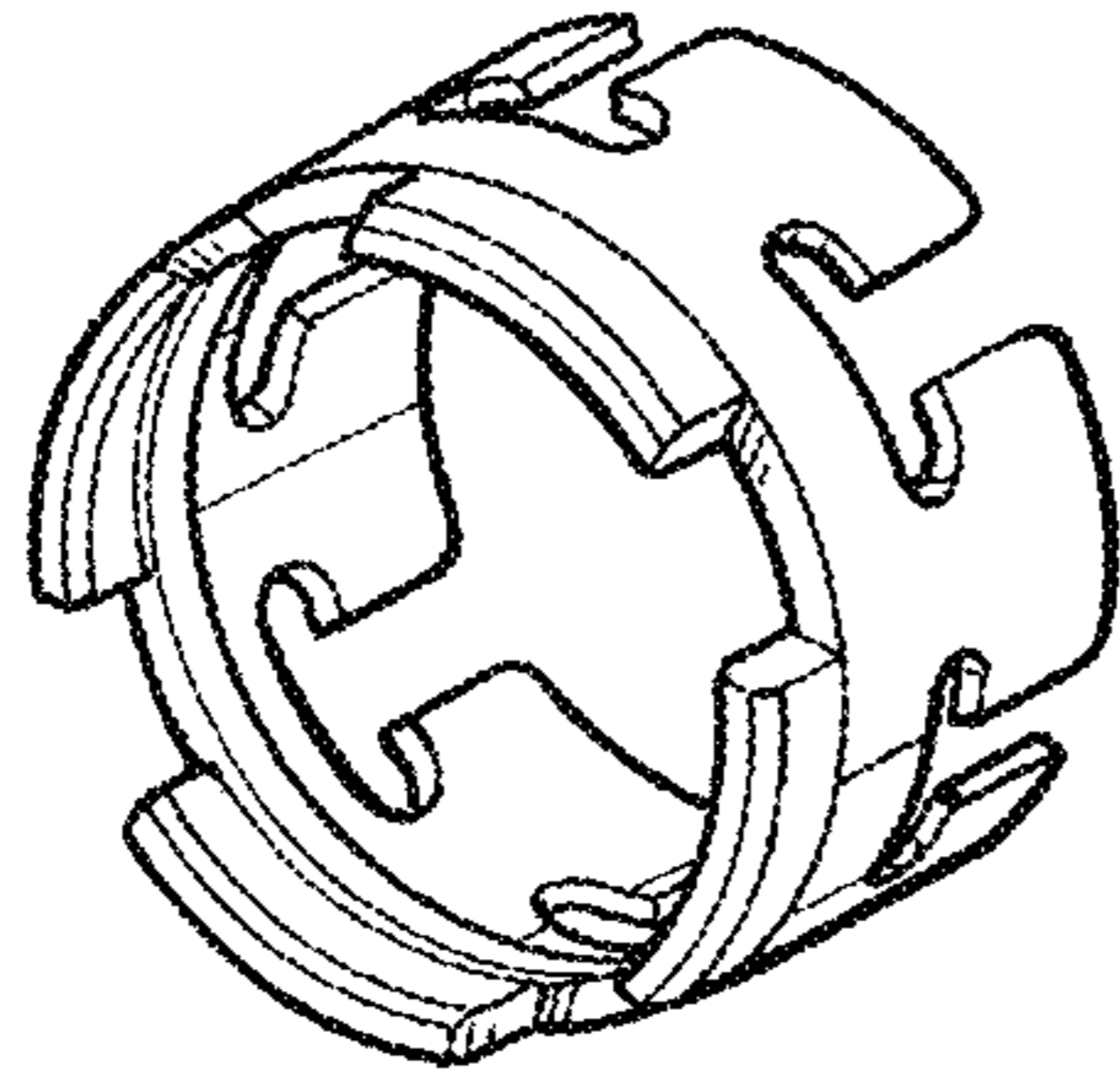


FIG. 1

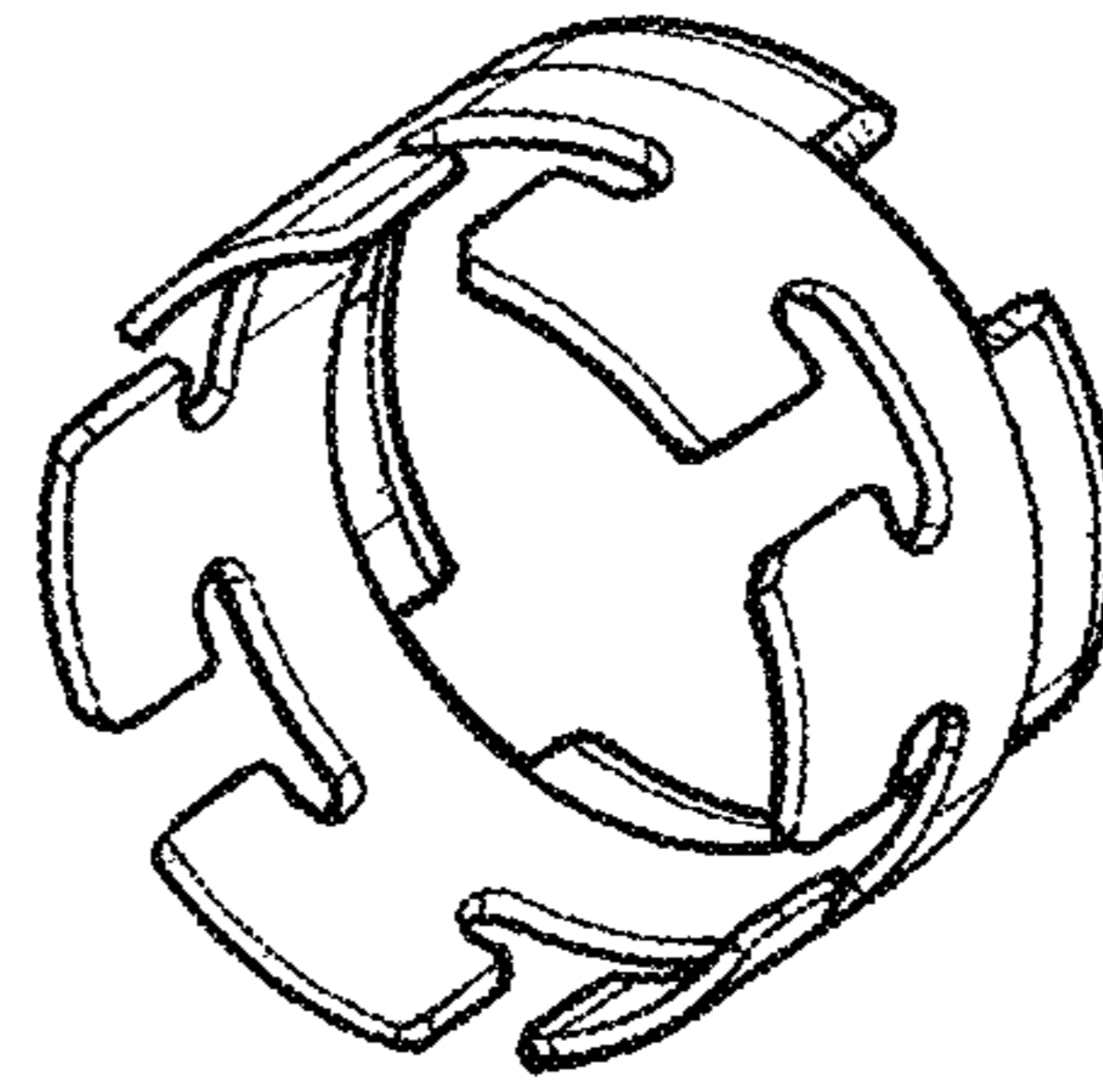


FIG. 2

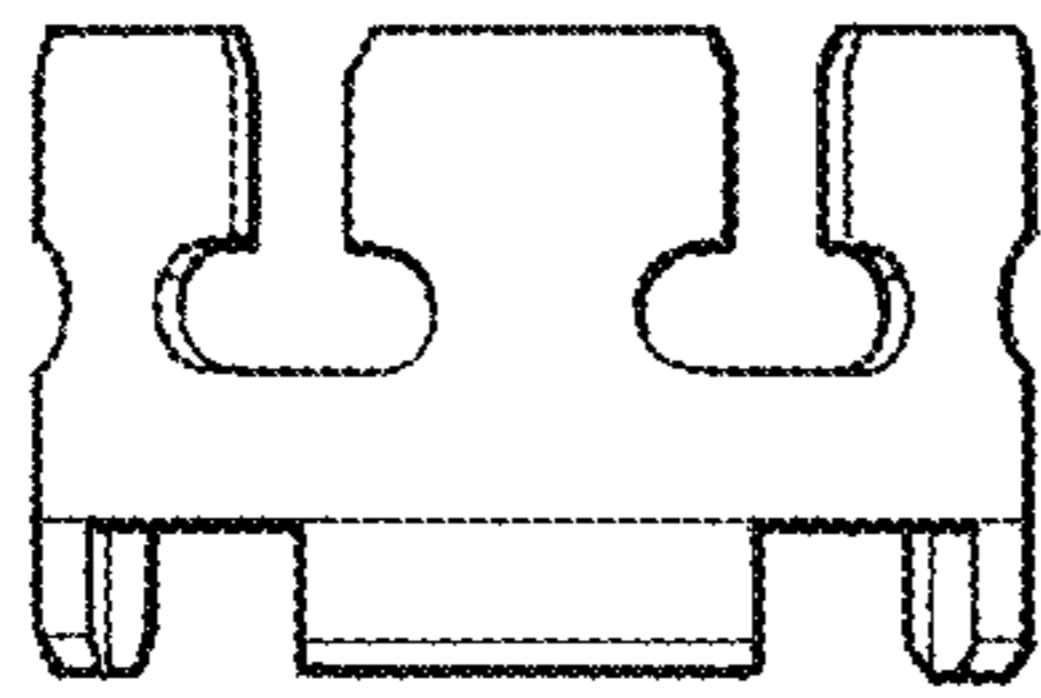


FIG. 3

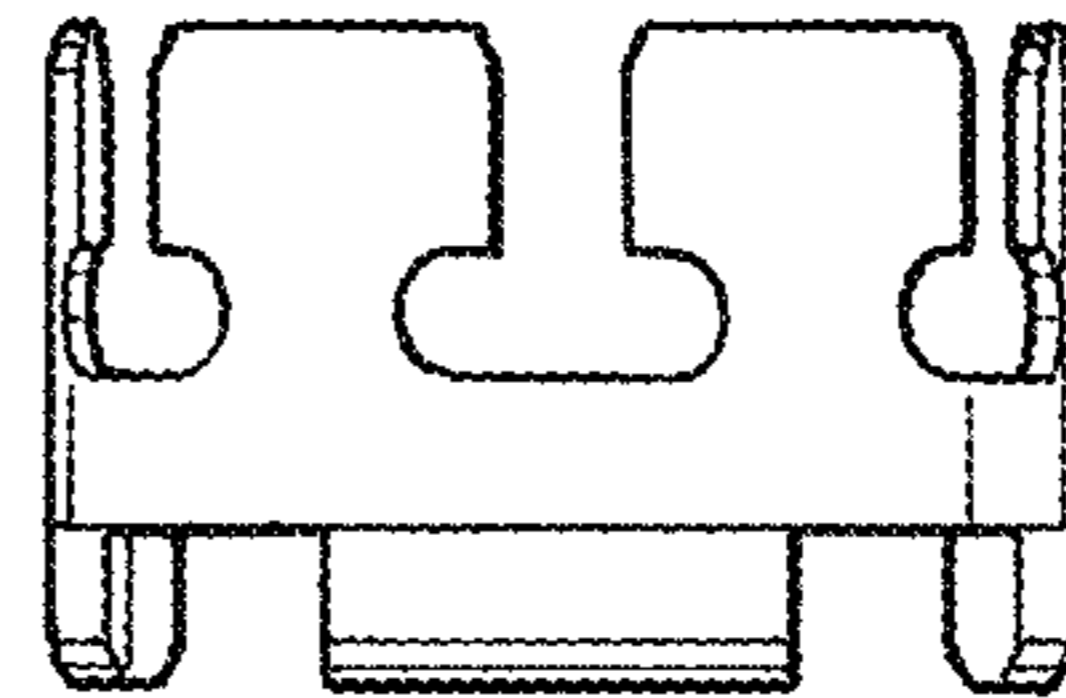


FIG. 4

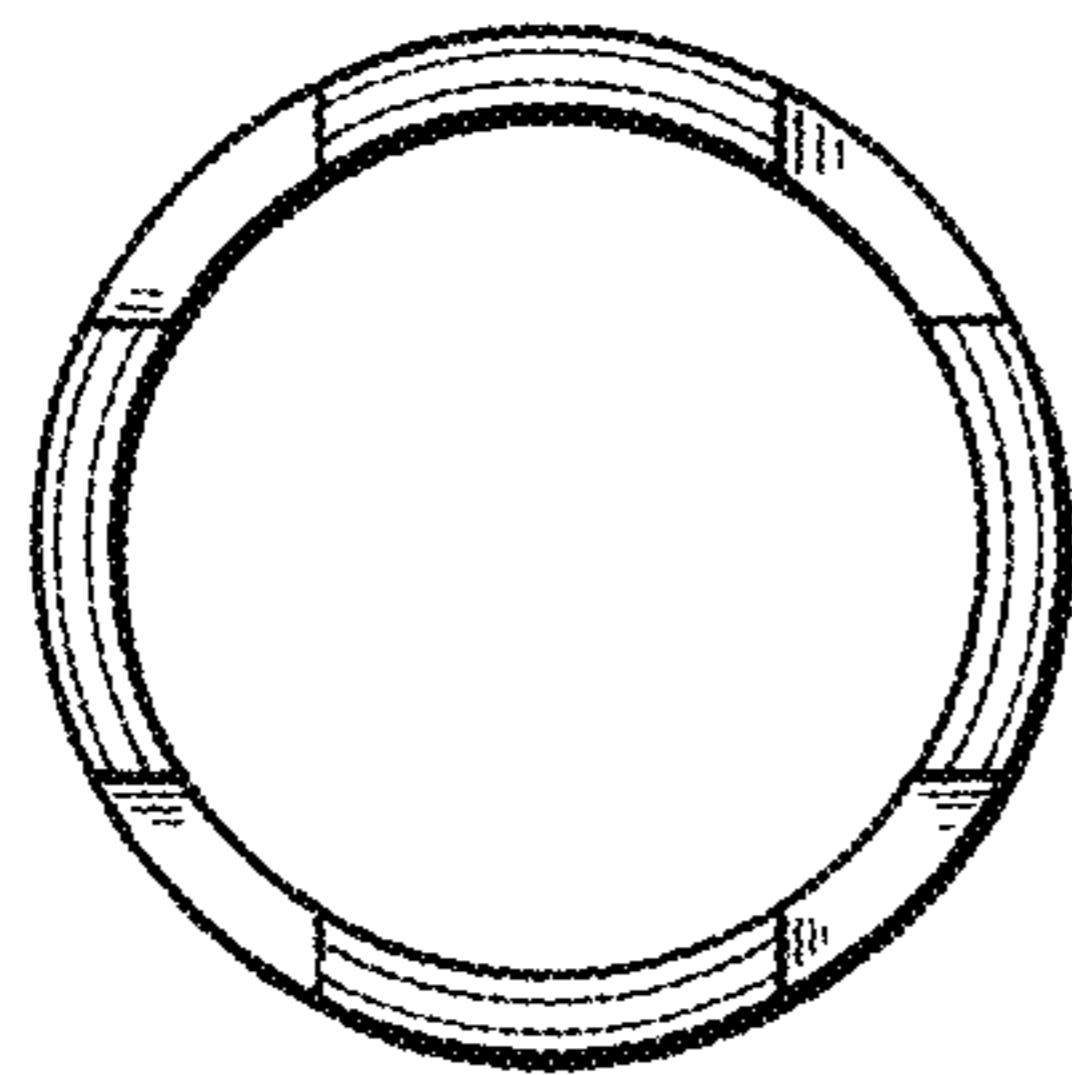


FIG. 5

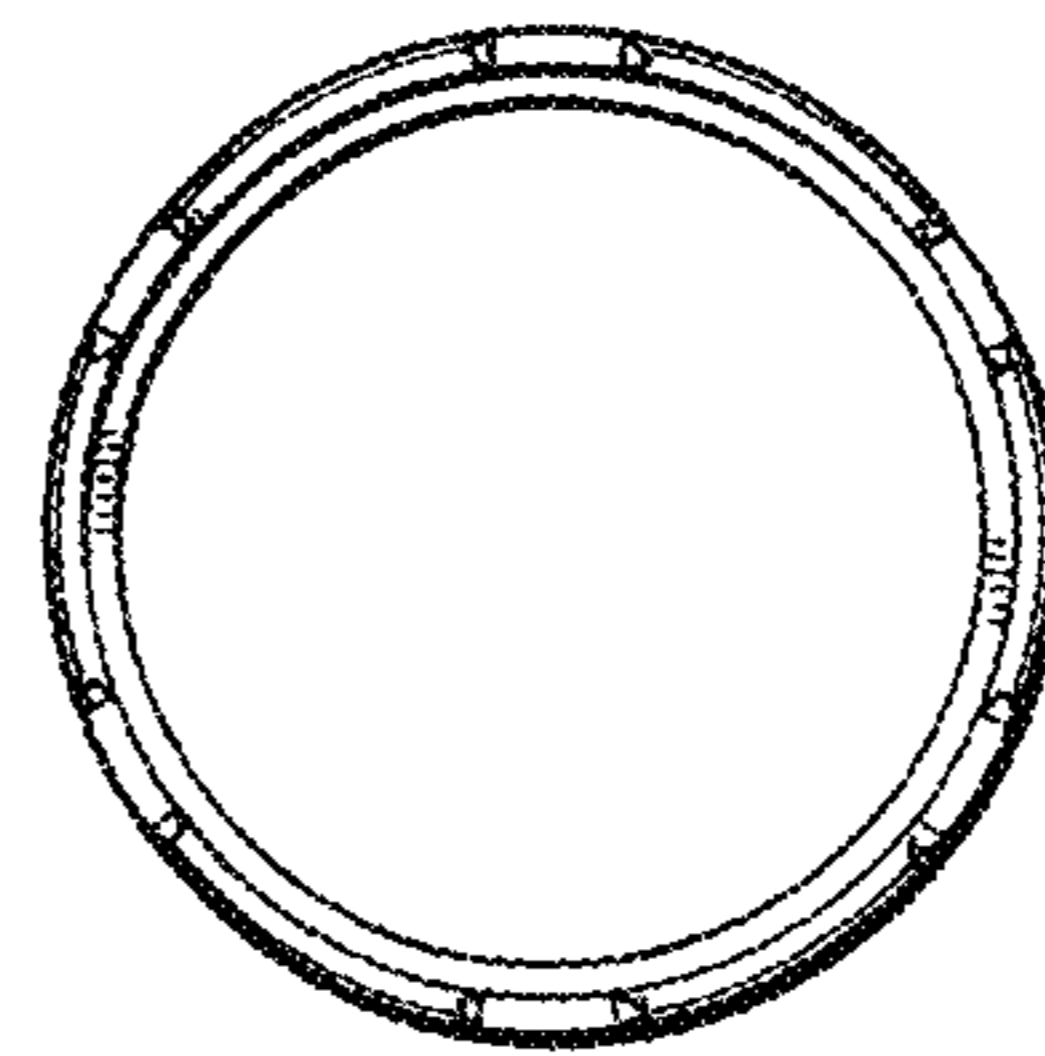


FIG. 6