



US00D974895S

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

(10) **Patent No.:** **US D974,895 S**  
(45) **Date of Patent:** **\*\* Jan. 10, 2023**

(54) **CABLE TIE**  
(71) Applicant: **Jung-Lang Hsu**, Taichung (TW)  
(72) Inventor: **Jung-Lang Hsu**, Taichung (TW)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/713,922**  
(22) Filed: **Nov. 19, 2019**  
(51) **LOC (14) Cl.** ..... **08-08**  
(52) **U.S. Cl.**  
USPC ..... **D8/396**  
(58) **Field of Classification Search**  
USPC ..... D8/394-396; D3/215, 247; D20/22, 28;  
D19/10  
CPC . A45F 5/02; A45F 5/021; A45F 5/004; A44C  
3/001; B65D 63/1063; B65D 63/1027  
See application file for complete search history.

7,774,905 B2 \* 8/2010 Geiger ..... F16L 3/2332  
248/74.3  
D631,731 S \* 2/2011 Chen ..... D8/356  
D698,631 S \* 2/2014 Wang ..... D8/383  
D698,632 S \* 2/2014 Wang ..... D8/383  
D729,054 S \* 5/2015 Chen ..... D8/356  
D748,971 S \* 2/2016 Scott ..... D8/396  
D769,704 S \* 10/2016 Nitta ..... D8/387

(Continued)

FOREIGN PATENT DOCUMENTS

KR 300942678-0000 \* 2/2018  
WO WO-2005099402 A2 \* 10/2005 ..... F16B 2/08  
WO WO-2021020959 A1 \* 2/2021

Primary Examiner — John R Yeh  
(74) Attorney, Agent, or Firm — Raymond Chan

(57) **CLAIM**

The ornamental design for a cable tie, as shown and described.

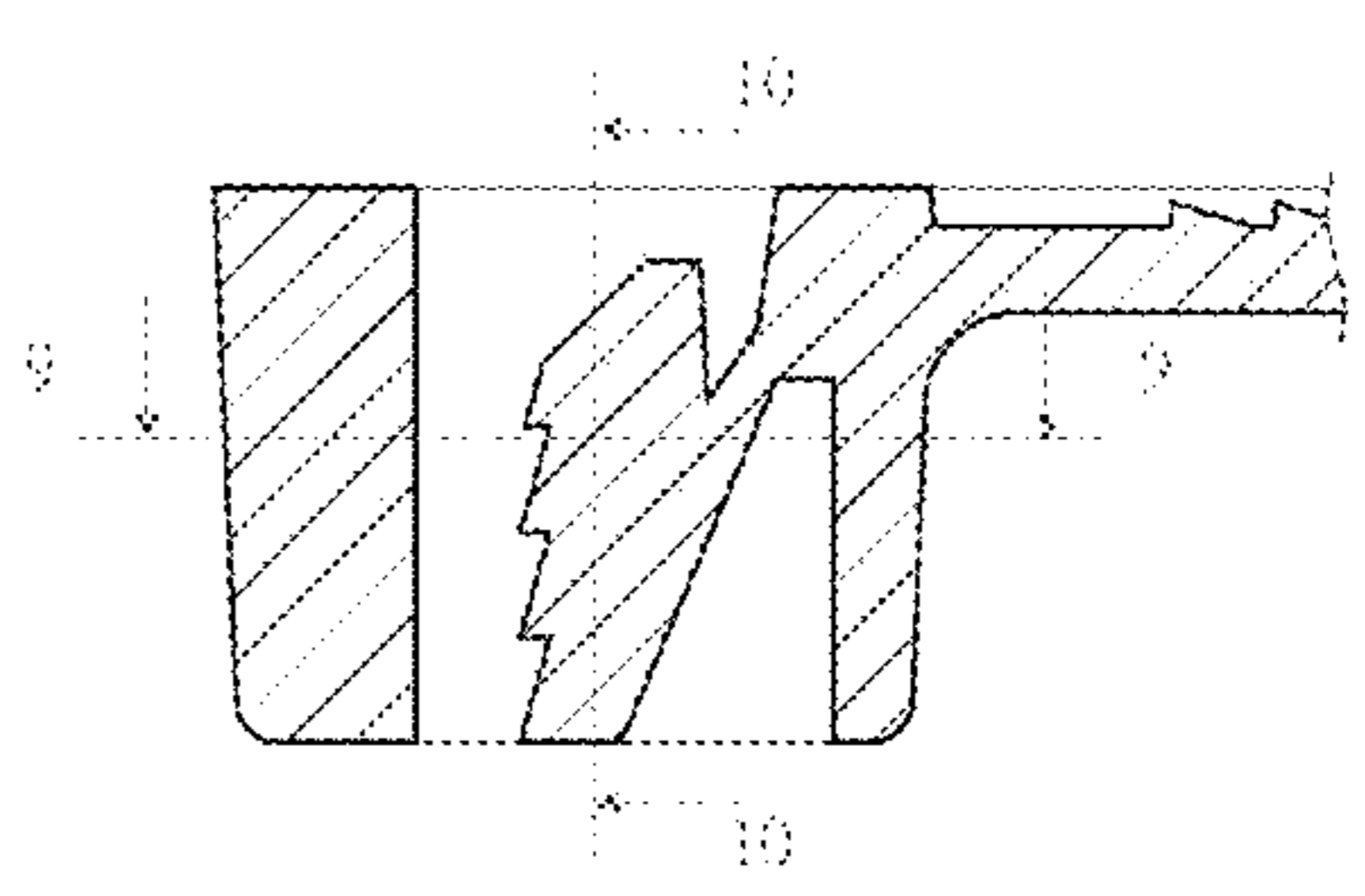
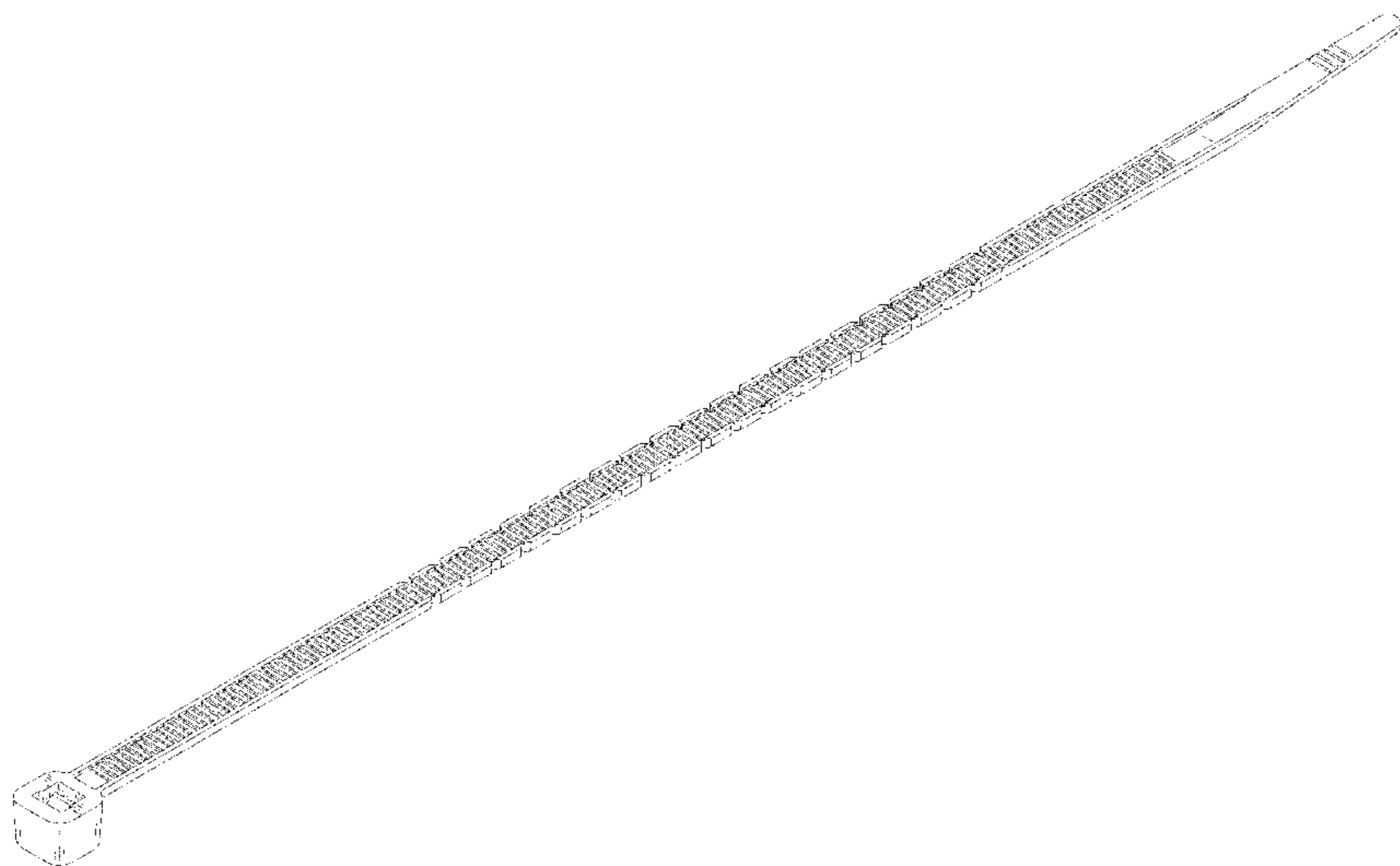
(56) **References Cited**  
U.S. PATENT DOCUMENTS

D224,960 S \* 10/1972 Wilson ..... D8/394  
D255,668 S \* 7/1980 Sidders ..... D8/394  
D308,016 S \* 5/1990 Tritton ..... D8/394  
D313,547 S \* 1/1991 Buckles ..... D8/394  
D326,406 S \* 5/1992 Anderson ..... D8/394  
D369,960 S \* 5/1996 Rohaly ..... D8/396  
D389,051 S \* 1/1998 Caveney ..... D8/396  
5,956,813 A \* 9/1999 Cooper ..... B65D 63/1063  
24/17 AP  
D424,417 S \* 5/2000 Axelsson ..... D8/394  
D424,921 S \* 5/2000 Axelsson ..... D8/394  
D424,923 S \* 5/2000 Lodi ..... D8/396  
6,681,451 B1 \* 1/2004 Adams ..... B65D 63/1027  
24/17 AP  
D515,408 S \* 2/2006 Cheung ..... D8/394  
D530,600 S \* 10/2006 Krisel ..... D8/396  
D537,333 S \* 2/2007 Jowsey ..... D8/396  
D565,401 S \* 4/2008 Grady ..... D8/394  
D619,887 S \* 7/2010 Colton ..... D8/396

**DESCRIPTION**

FIG. 1 is a perspective view of cable tie showing my new design.  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left view thereof;  
FIG. 5 is a right view thereof;  
FIG. 6 is a top view thereof;  
FIG. 7 is a bottom view thereof;  
FIG. 8 is a cross-sectional view along the line 8-8 in FIG. 6;  
FIG. 9 is a cross-sectional view along the line 9-9 in FIG. 8;  
and,  
FIG. 10 is a cross-sectional view along the line 10-10 in FIG. 8.  
The broken lines depict cross-sectional indications and form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D776,272 S \* 1/2017 Backes ..... B65D 63/1027  
D8/396  
10,053,268 B1 \* 8/2018 Sickenberger ..... B65D 63/18  
D835,495 S \* 12/2018 Votel ..... D8/356  
D939,936 S \* 1/2022 Wang ..... D8/356  
2003/0163904 A1 \* 9/2003 O'Young ..... B65D 63/1072  
24/16 PB  
2006/0096066 A1 \* 5/2006 Wambaugh ..... B65D 63/1063  
24/16 PB  
2013/0014351 A1 \* 1/2013 Kuglen ..... B65D 63/1027  
24/17 B  
2013/0333163 A1 \* 12/2013 Chen ..... B29C 48/12  
24/16 PB

\* cited by examiner

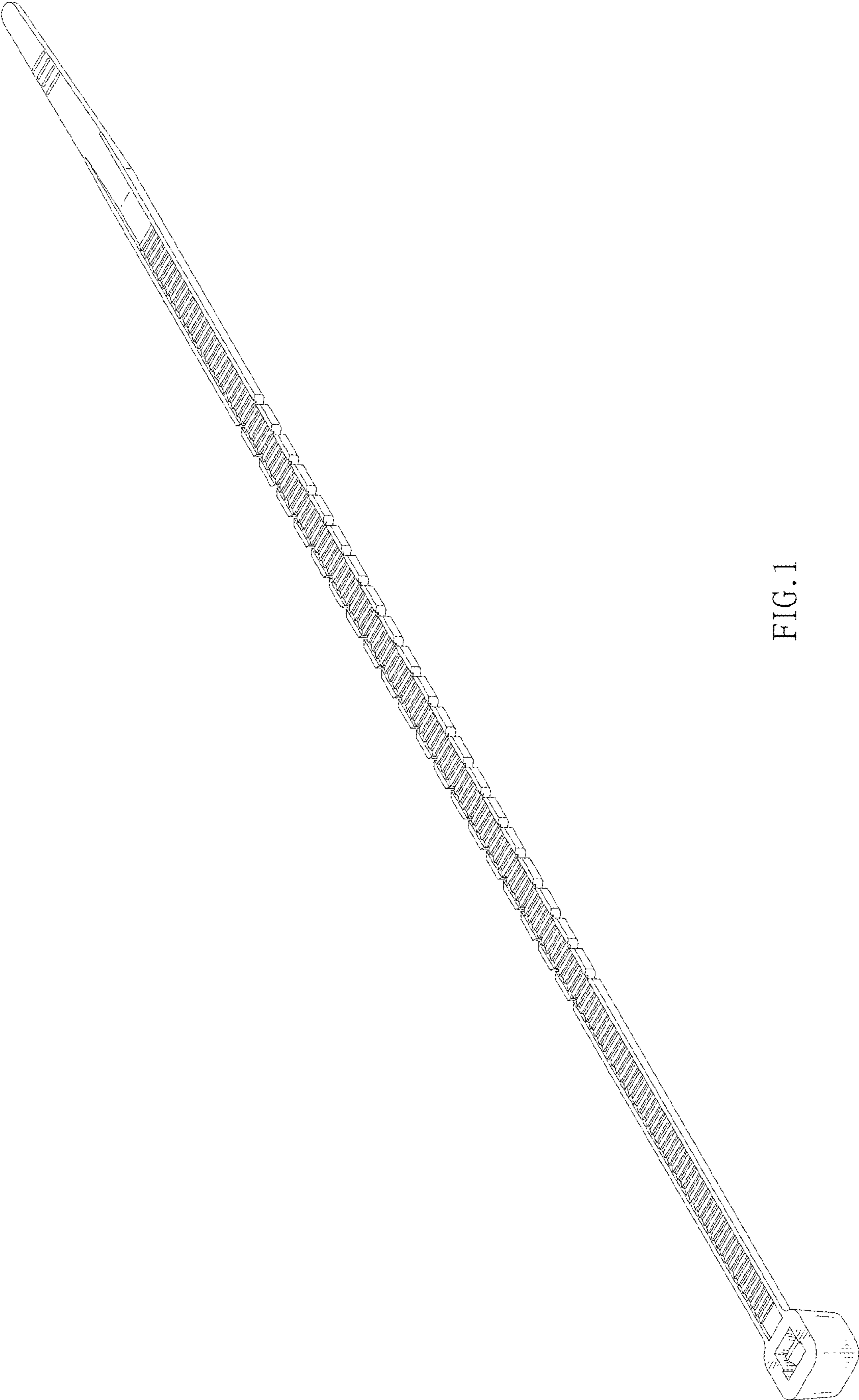


FIG. 1

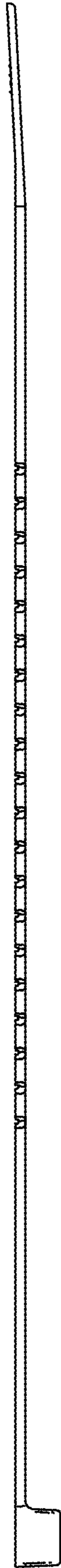


FIG. 2

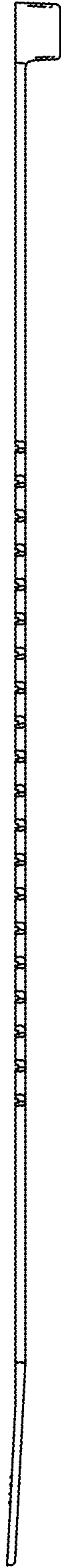


FIG. 3



FIG. 4



FIG. 5

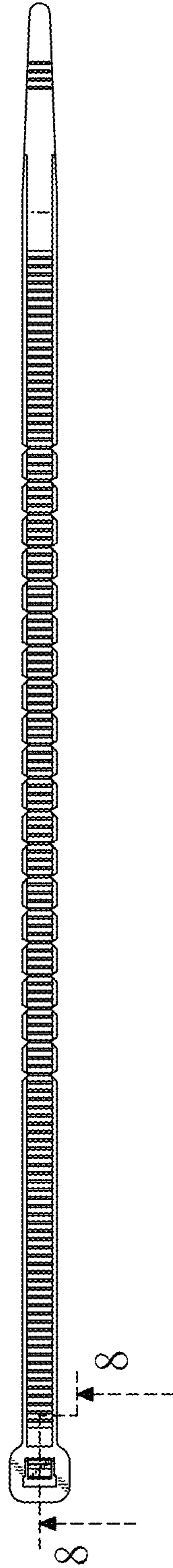


FIG. 6



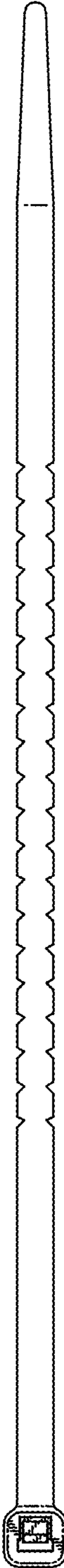


FIG. 7

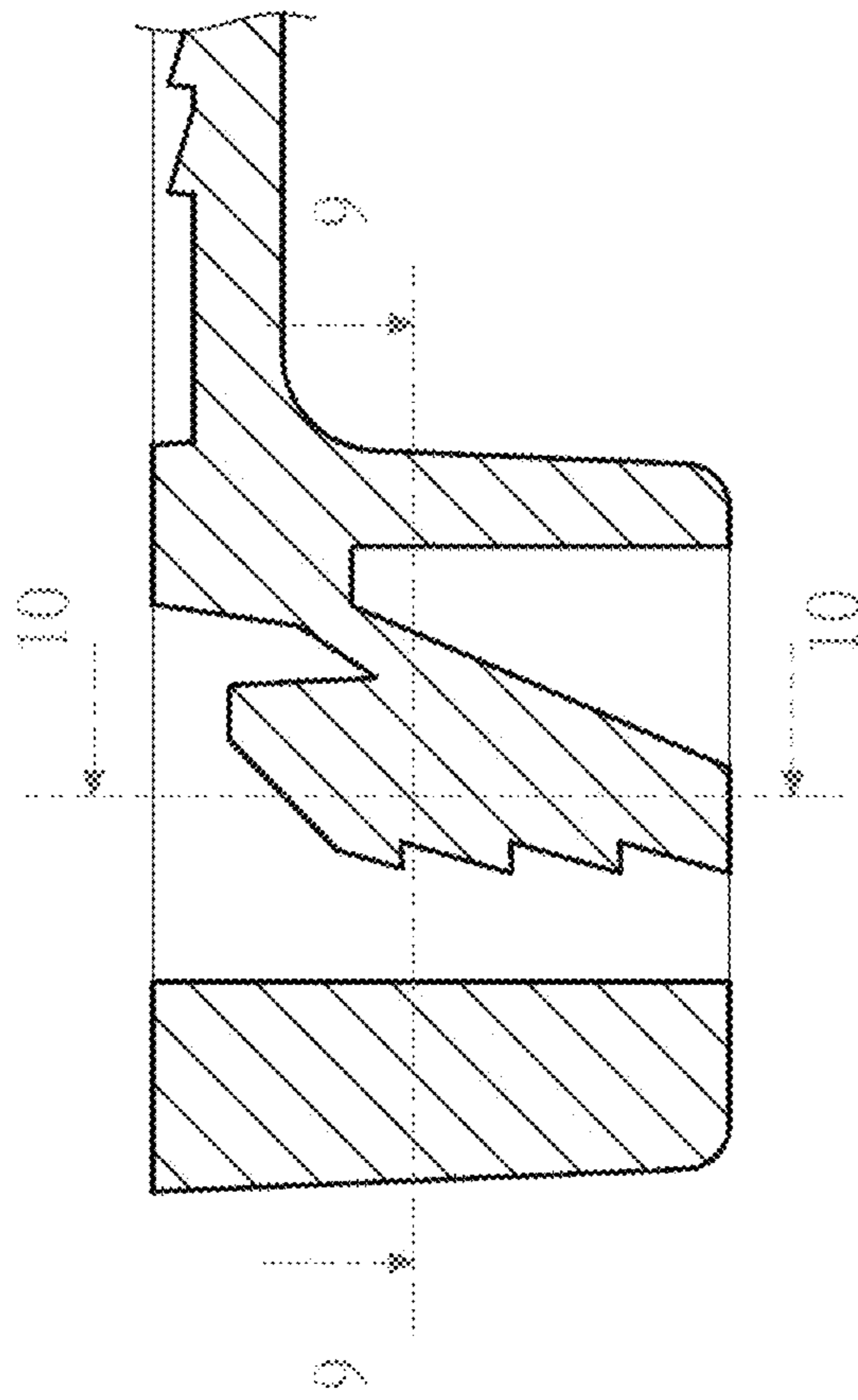


FIG. 8

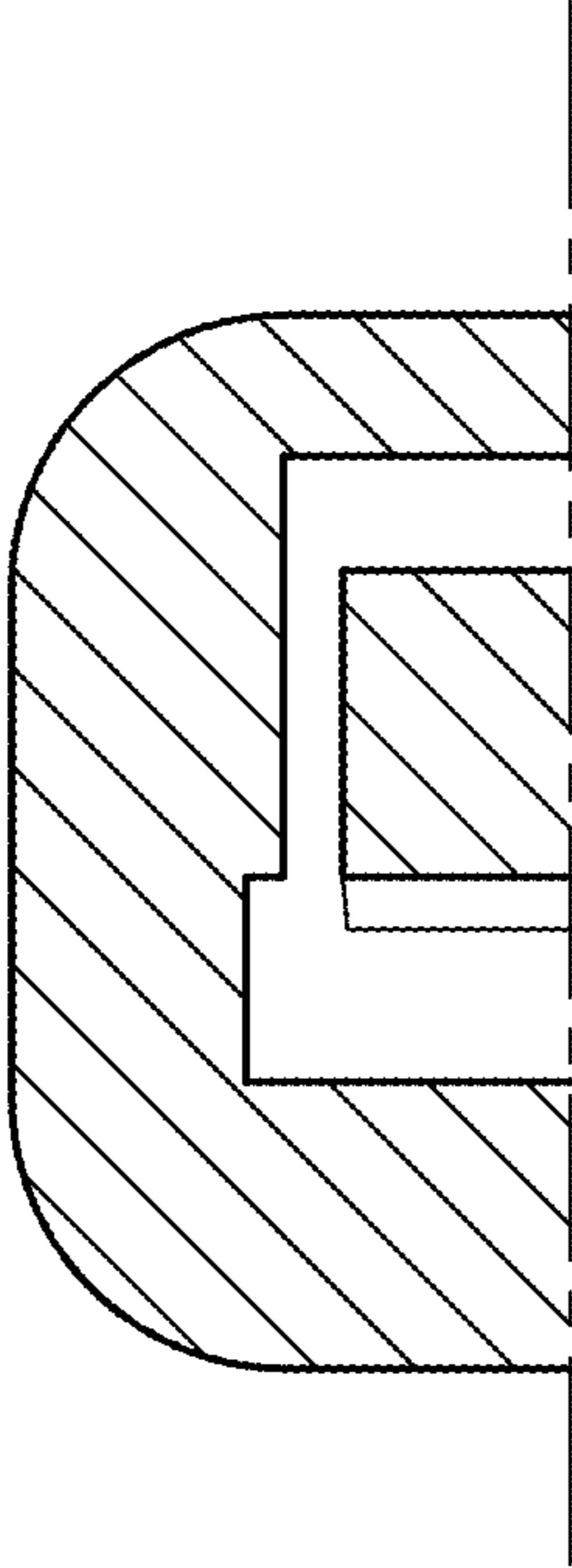


FIG. 9

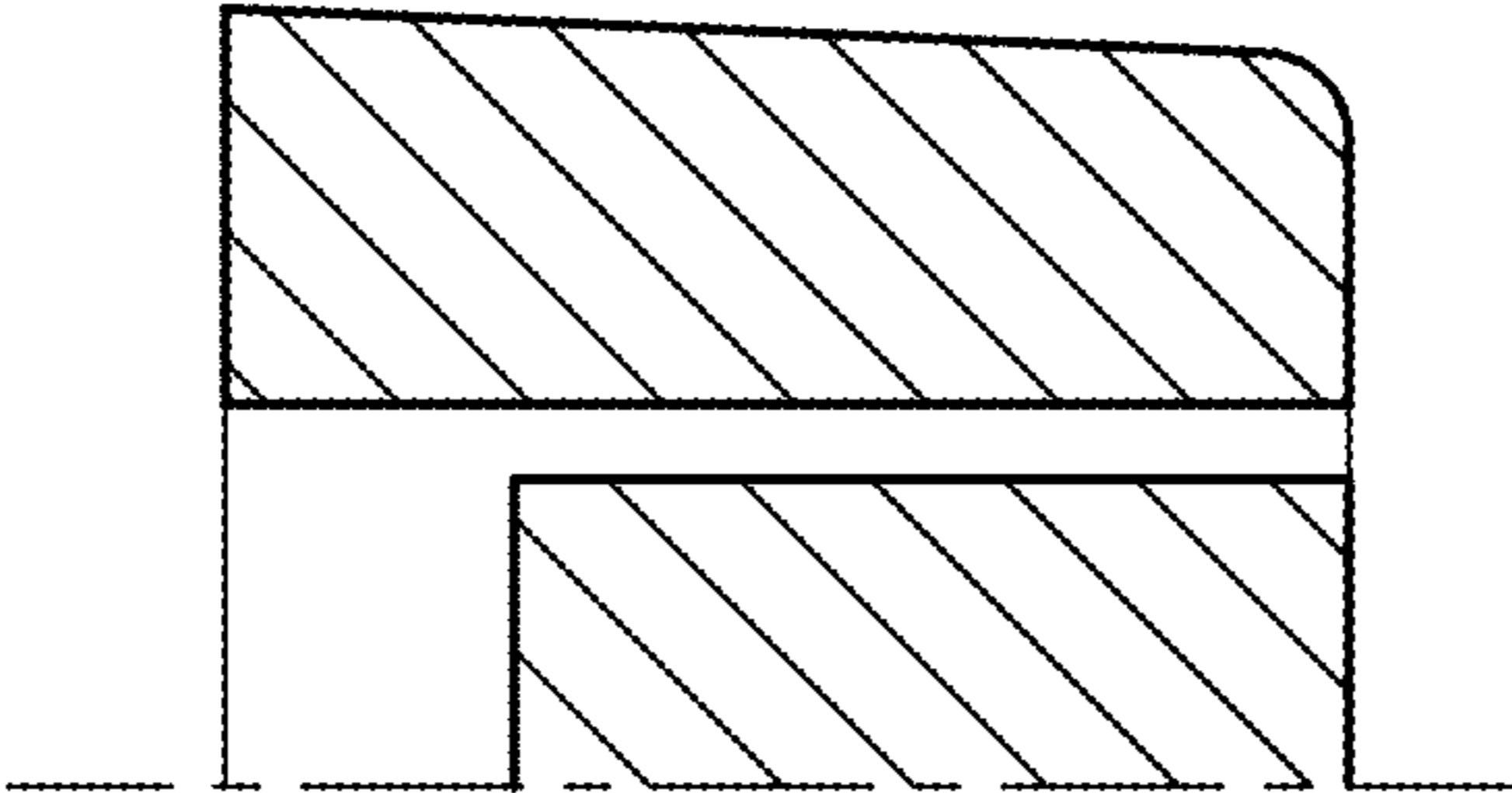


FIG. 10