



US00D889628S

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

(10) **Patent No.:** **US D889,628 S**
(45) **Date of Patent:** **** Jul. 7, 2020**

(54) **KILN BRICK PROTECTIVE COLLAR WITH ADJUSTABLE TAB**

(71) Applicant: **Anthony Nardella**, Medford, MA (US)

(72) Inventor: **Anthony Nardella**, Medford, MA (US)

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

(21) Appl. No.: **29/688,749**

(22) Filed: **Apr. 24, 2019**

(51) **LOC (12) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/386**

(58) **Field of Classification Search**

USPC D23/393, 413, 351, 386; D24/128, 207;
D17/20; D12/223, 196, 163, 159;
D26/138; D9/707; D8/354, 499, 16;
D6/682; D14/452
CPC . F27D 1/00; F27D 1/18; F27D 1/0003; F27B
17/0019; F27B 17/0041; F27B 7/28;
F23D 14/76; F23D 14/78; B01J 7/00;
B01J 19/26; C10J 3/74; C10J 3/506;
C21C 5/44

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,953,856 A * 4/1934 Heyman F27B 7/28
432/116
3,246,442 A * 4/1966 Sauer F27B 7/28
52/747.13
4,295,825 A 10/1981 Chielens et al.
4,370,128 A 1/1983 Chielens et al.
D307,946 S * 5/1990 Snow D26/138
D325,089 S * 3/1992 Shaw D24/206

(Continued)

FOREIGN PATENT DOCUMENTS

CN 303289956 * 11/2014

OTHER PUBLICATIONS

Vulcan Crucible Kiln, announced Date unavailable[online], [site visited May 1, 2020]. Available from internet, URL:< https://www.artisansupplies.com.au/product/vulcan-crucible-kiln/> (Year: 2020).*

Primary Examiner — Barbara Fox

Assistant Examiner — Jamaal Rasheed

(74) *Attorney, Agent, or Firm* — Thomas P. O’Connell;
O’Connell Law Firm

(57) **CLAIM**

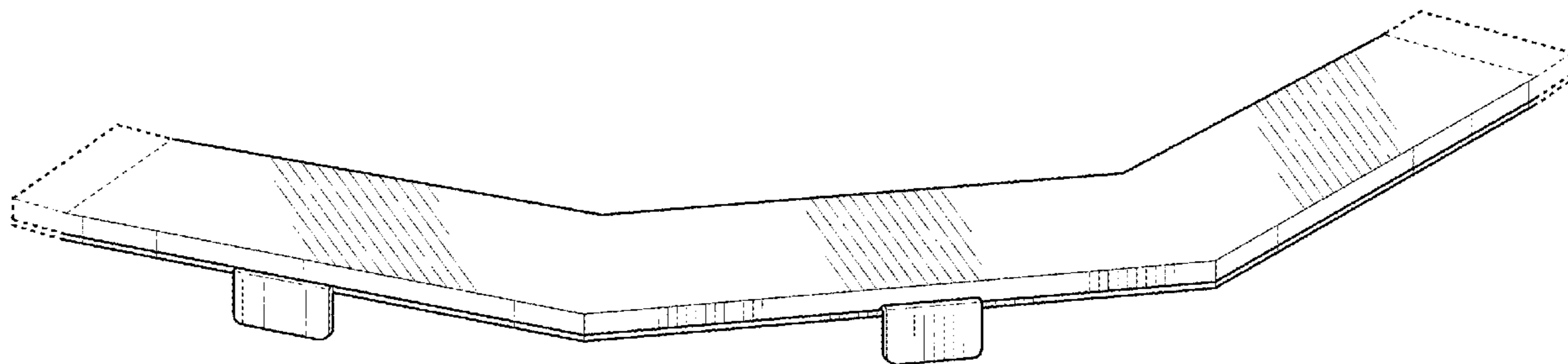
The new and ornamental design for a kiln brick protective collar with adjustable tab, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a kiln brick protective collar with adjustable tab showing my new design in use;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a view in front elevation thereof;
FIG. 5 is a view in rear elevation thereof;
FIG. 6 is a right side elevation thereof;
FIG. 7 is a view in left side elevation thereof;
FIG. 8 is an exploded view thereof;
FIG. 9 is a perspective view of the kiln brick protective collar with adjustable tab with the adjustable tab in a first position and with left and right end portions of the kiln brick protective collar with adjustable tab truncated for clarity of illustration; and,
FIG. 10 is a perspective view of the kiln brick protective collar with adjustable tab with the adjustable tab in a second position and with left and right end portions of the kiln brick protective collar with adjustable tab truncated for clarity of illustration.

The broken lines are shown for illustrative purposes only and form no part of the claimed design. The border lines in FIGS. 9 and 10 represent truncations of the depictions of the kiln brick protective collar with adjustable tab and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,193,998 A 3/1993 Hack et al.
 D341,529 S * 11/1993 Jacobs D25/119
 D353,892 S * 12/1994 Shaw D24/206
 5,477,029 A 12/1995 Skutt et al.
 5,734,149 A 3/1998 Skutt et al.
 D397,667 S * 9/1998 White D12/223
 5,910,006 A 6/1999 Conroy et al.
 6,228,224 B1 * 5/2001 Brooker B01J 19/26
 202/224
 6,805,773 B1 10/2004 Brooker
 D503,231 S * 3/2005 Daugherty D24/128
 D508,516 S * 8/2005 Boone D17/20
 7,458,809 B2 12/2008 Hohenshelt et al.
 D635,064 S * 3/2011 Schachte D12/159
 D636,927 S * 4/2011 Lin D26/138
 D672,287 S * 12/2012 Noble D12/159
 D685,253 S * 7/2013 Hiebert D8/349

8,523,563 B1 * 9/2013 Nardella F27B 17/0016
 110/181
 D713,765 S * 9/2014 Peltola D12/163
 D714,134 S * 9/2014 Clisset D8/499
 D727,819 S * 4/2015 Hopkins D12/190
 D733,285 S * 6/2015 Ertel D23/393
 D736,062 S * 8/2015 Ertel D8/354
 D749,342 S * 2/2016 Escandon D6/682
 D769,175 S * 10/2016 Aragon, Jr. D12/223
 D786,419 S * 5/2017 Rindoks D23/386
 D787,949 S * 5/2017 Andochick D24/207
 D824,993 S * 8/2018 Trifilio D17/20
 D846,320 S * 4/2019 Loy D6/682
 D847,962 S * 5/2019 Shin D23/351
 D879,941 S * 3/2020 McRoberts D23/413
 2009/0042157 A1 2/2009 Kelly
 2010/0021856 A1 1/2010 Couse et al.
 2010/0209865 A1 8/2010 Watson et al.
 2016/0146538 A1 * 5/2016 Mansur F27D 1/00
 432/252

* cited by examiner

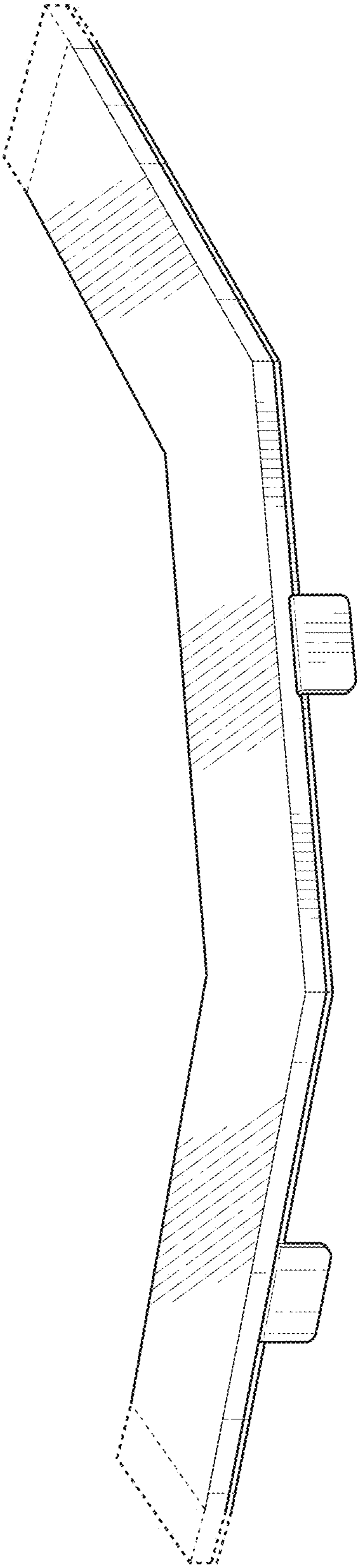


FIG. 1

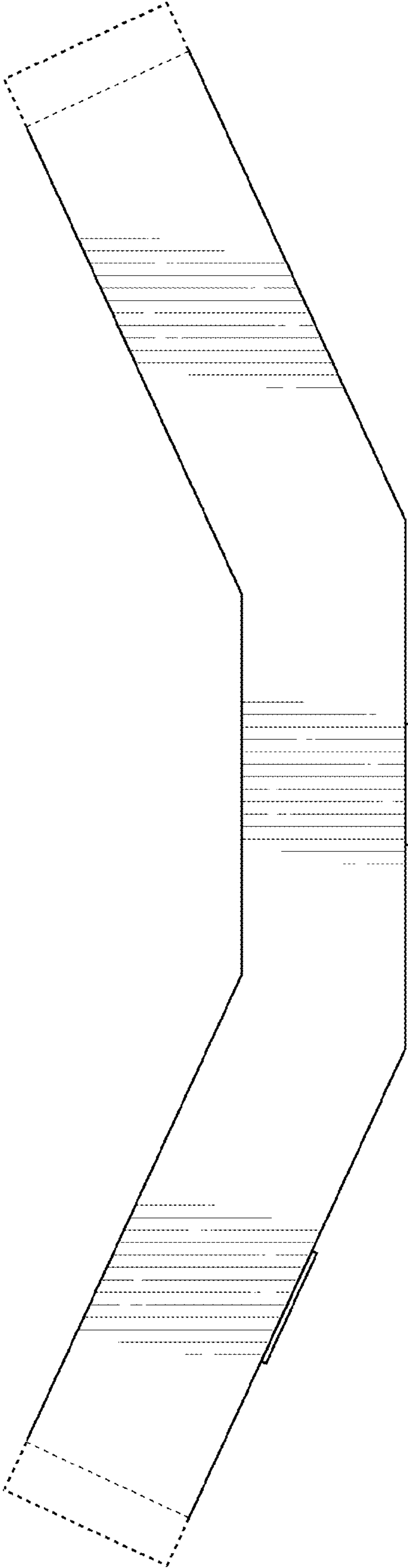


FIG. 2

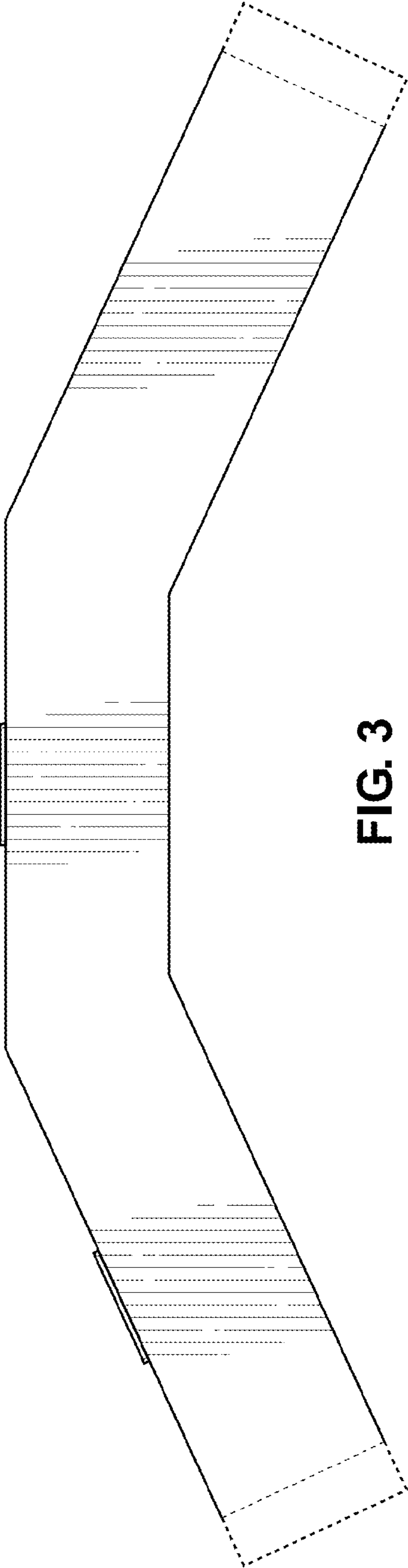


FIG. 3



FIG. 4

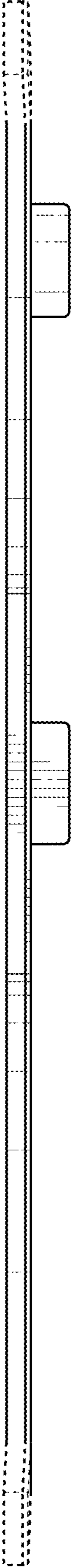


FIG. 5



FIG. 7

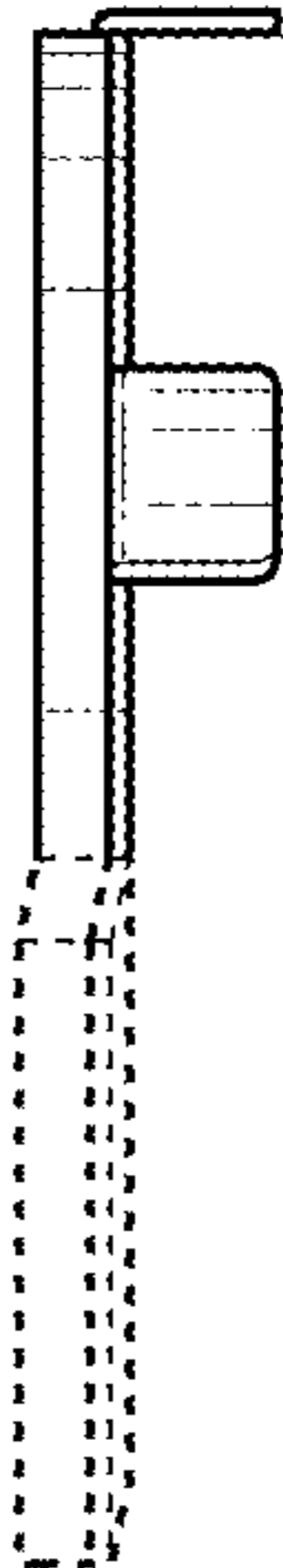


FIG. 6

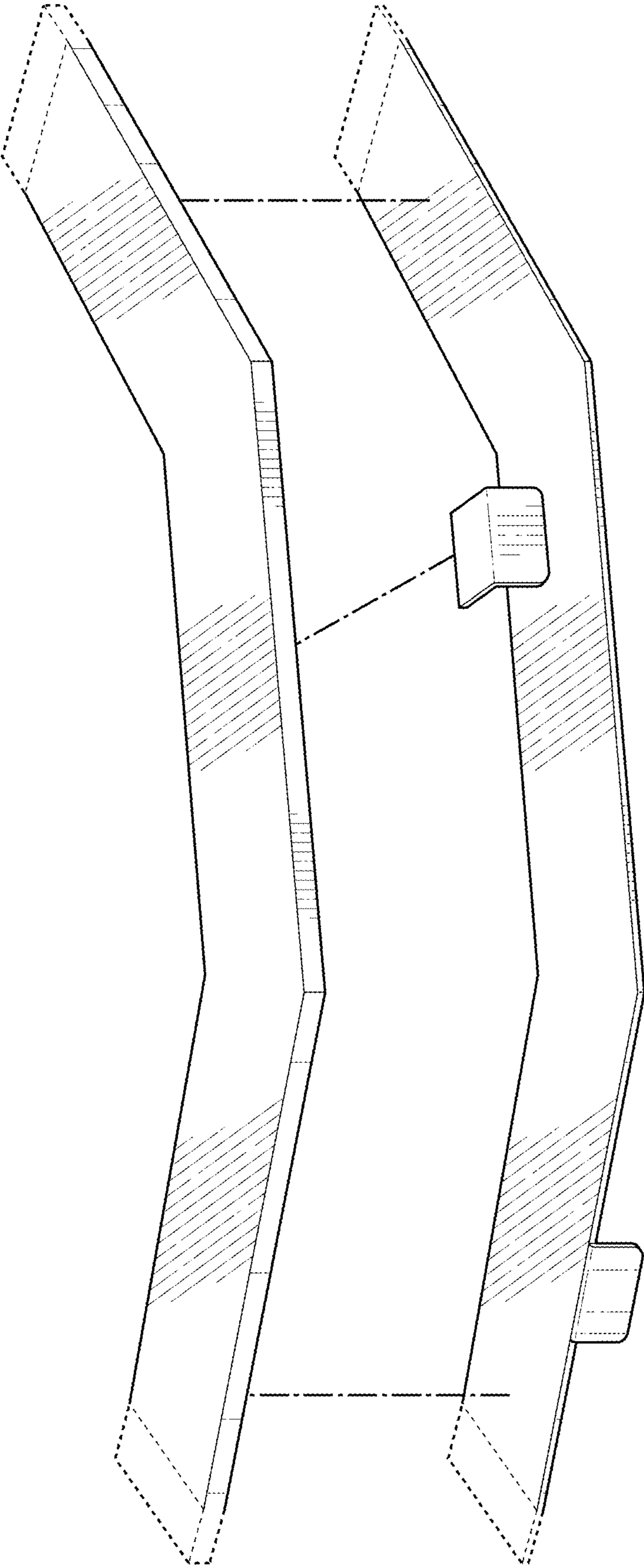


FIG. 8

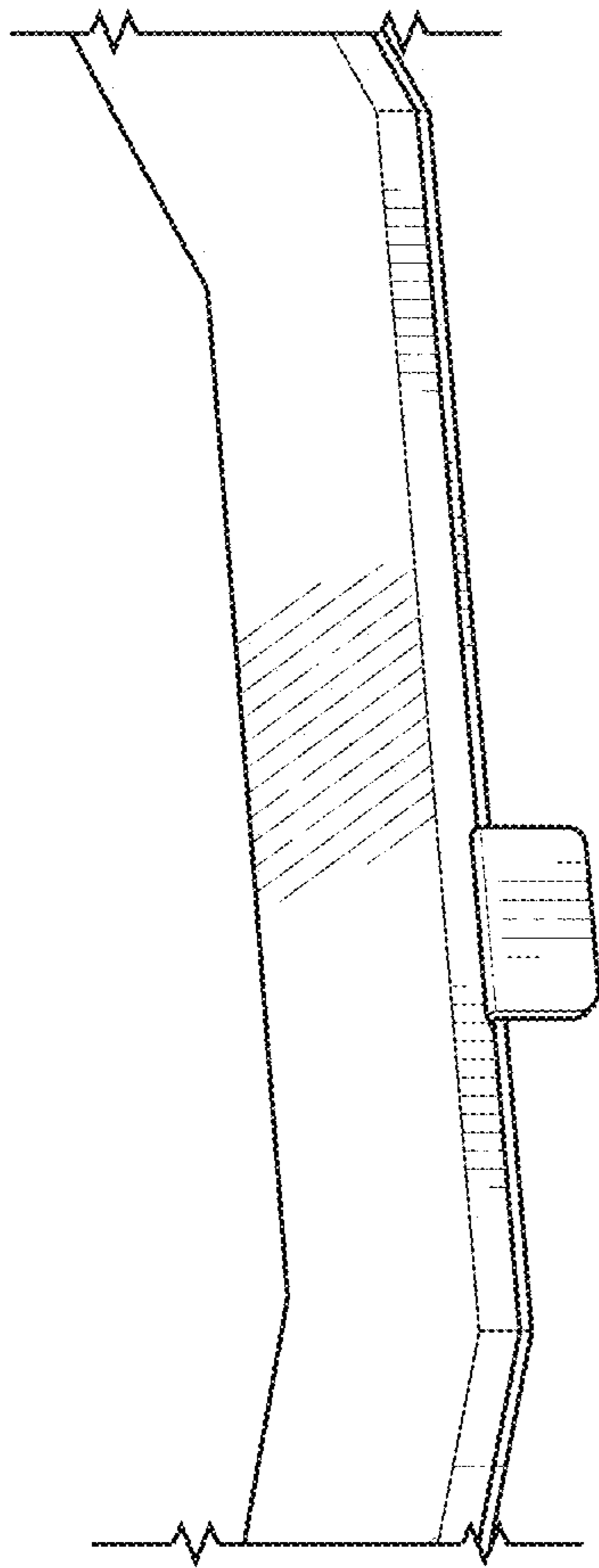


FIG. 9

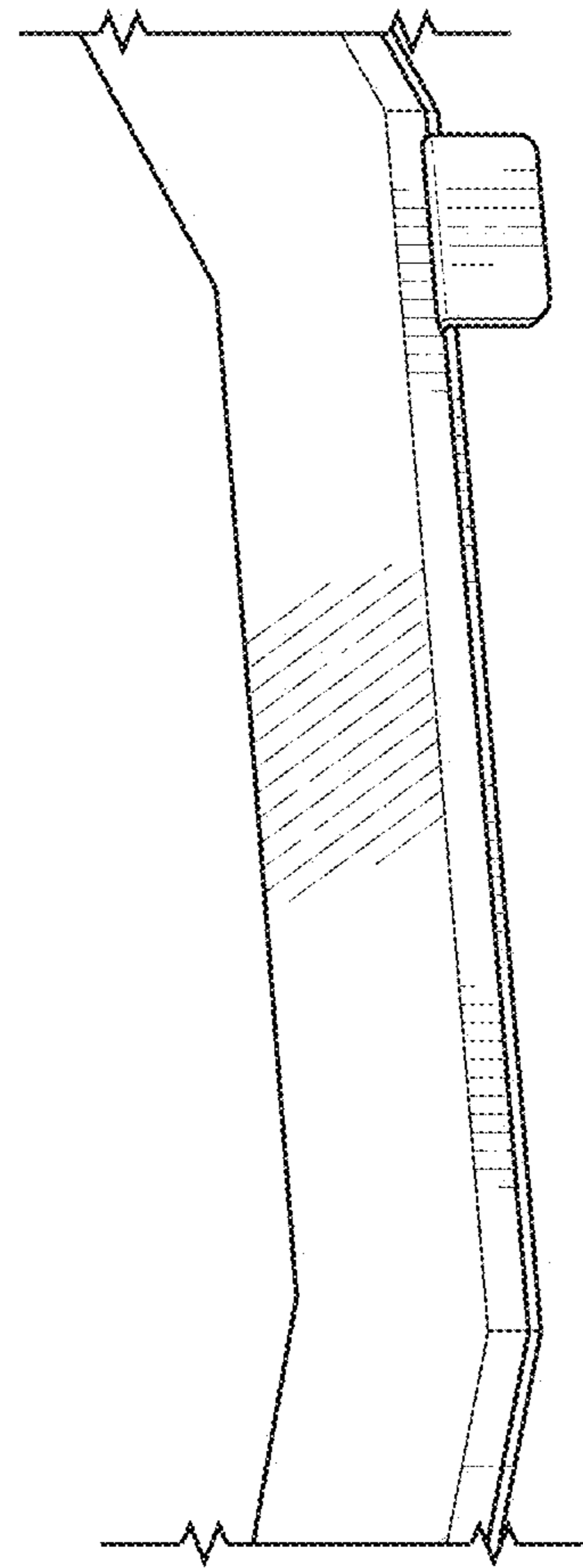


FIG. 10