

US00D839244S

(12) **United States Design Patent** (10) **Patent No.:** **US D839,244 S**
Johnson (45) **Date of Patent:** **** Jan. 29, 2019**

- (54) **ANTENNA HOUSING**
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- (73) Assignee: **Laird Technologies, Inc.**, Earth city, MO (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/624,929**
- (22) Filed: **Nov. 6, 2017**

- D324,514 S 3/1992 Ishida
- D378,592 S 3/1997 Hartwig et al.
- D396,847 S * 8/1998 Nakayama D13/182
- D407,382 S * 3/1999 Acciaioli D13/182
- D466,873 S * 12/2002 Kasem D13/182
- D472,528 S * 4/2003 Kasem D13/182
- D483,353 S 12/2003 Hyogo
- D489,338 S * 5/2004 Seddon D13/182
- D493,447 S 7/2004 Noro et al.
- D497,074 S 10/2004 Dardashti
- D497,508 S 10/2004 Dardashti
- D515,075 S 2/2006 Kusanagi et al.
- D515,076 S 2/2006 Kusanagi et al.
- D531,995 S 11/2006 Shinkawa et al.

(Continued)

Related U.S. Application Data

- (62) Division of application No. 29/562,857, filed on Apr. 29, 2016, now Pat. No. Des. 813,209.
- (51) **LOC (11) Cl.** **14-03**
- (52) **U.S. Cl.**
USPC **D14/230**
- (58) **Field of Classification Search**
USPC D14/138, 230, 231, 232, 234, 235, 236,
D14/237, 238, 238.1, 250, 299, 358;
D13/175, 182
CPC G01R 29/10; G01S 2013/0245; G01S
2013/0254; G01S 2013/0263; G01S
7/4026; G05B 2219/45001; G06K
19/07773; G06K 19/07775; G06K
19/07777; G08B 13/2468; G08B 13/2477;
H01Q 1/088
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

- D217,256 S 4/1970 Kahn
- D269,249 S 6/1983 Cillario
- D297,007 S 8/1988 Pushelberg
- D306,583 S 3/1990 Krolopp et al.

OTHER PUBLICATIONS

“Laird PSQ24495 MIMO Panel Antenna” [online]. Digi-Key Electronics. [Published Jun. 27, 2017]. Retrieved from the Internet: <<https://www.digikey.com/en/product-highlight/1/laird-embedded-wireless-solutions/psq24495-mimo-panel-antenna>>.*

(Continued)

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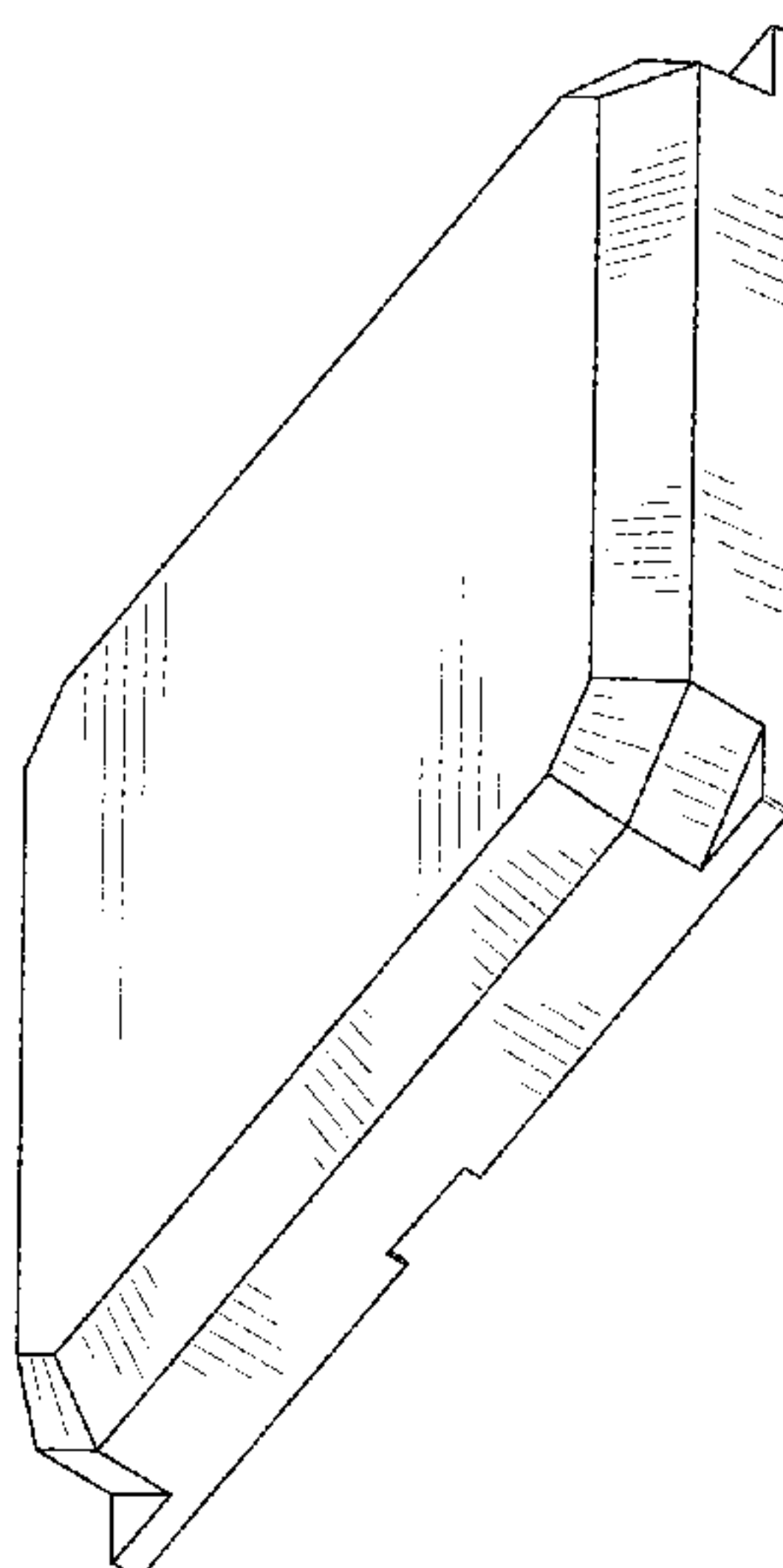
(57) **CLAIM**

The ornamental design for an antenna housing, as shown and described.

DESCRIPTION

FIG. 1 is a front right perspective view of an antenna housing showing my new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a right side elevation view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

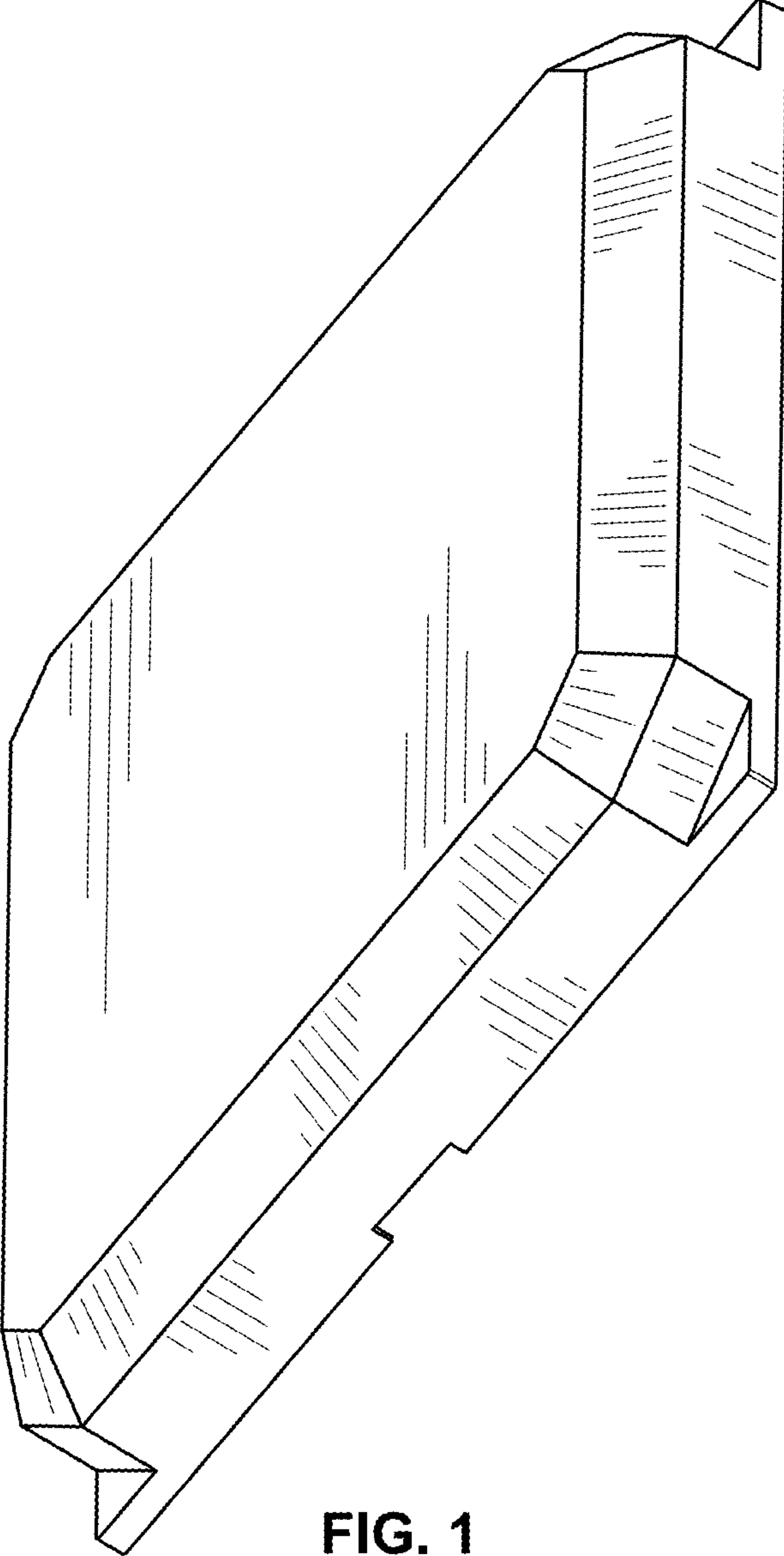
D664,126 S * 7/2012 Feit D14/230
 D684,957 S * 6/2013 Smith D14/242
 D719,153 S * 12/2014 Lim D14/356
 9,000,991 B2 4/2015 Ramberg et al.
 D728,577 S * 5/2015 Amit D14/435
 D730,328 S * 5/2015 Chun D14/230
 D730,893 S * 6/2015 Yin D14/240
 D742,884 S * 11/2015 Seflic D14/433
 D748,597 S 2/2016 Boynton et al.
 D760,230 S * 6/2016 Iizuka D13/184
 D764,460 S * 8/2016 Veja D14/358
 D766,892 S 9/2016 Bajwa et al.
 D785,608 S 5/2017 Weaver et al.
 9,692,130 B2 6/2017 Nakamura et al.
 9,716,308 B2 7/2017 Mital et al.
 D796,459 S * 9/2017 Iwai D13/182
 D797,099 S * 9/2017 Wieser D14/300

D797,101 S * 9/2017 Wieser D14/358
 D798,860 S * 10/2017 Wieser D14/358
 D798,861 S * 10/2017 Wieser D14/358
 D799,479 S * 10/2017 Wieser D14/358
 D802,565 S * 11/2017 Fariello D14/230
 D808,389 S * 1/2018 Judge D14/358
 D813,209 S * 3/2018 Johnson D14/230
 D828,342 S * 9/2018 Chen D14/240
 D831,598 S * 10/2018 Jiang D14/125

OTHER PUBLICATIONS

“PSQ24495 4-Port Directional Slant 45 MIMO Antenna” [online].
 Laird Tech. [Retrieved Aug. 10, 2017]. Retrieved from the Internet:
 <<https://assets.lairdtech.com/home/brandworld/files/IAS-DS-PSQ24495%200417.pdf>>.*

* cited by examiner



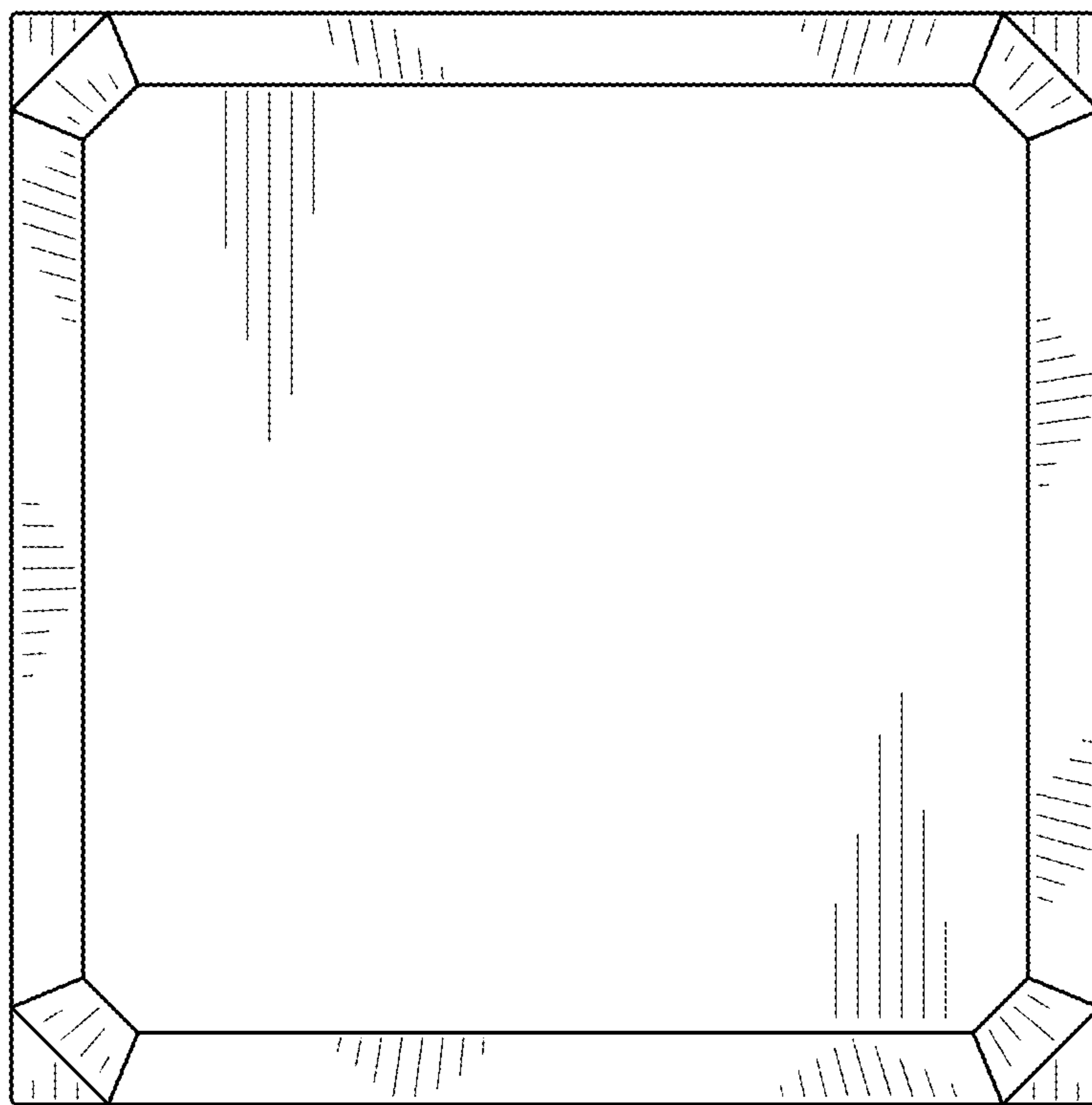


FIG. 2

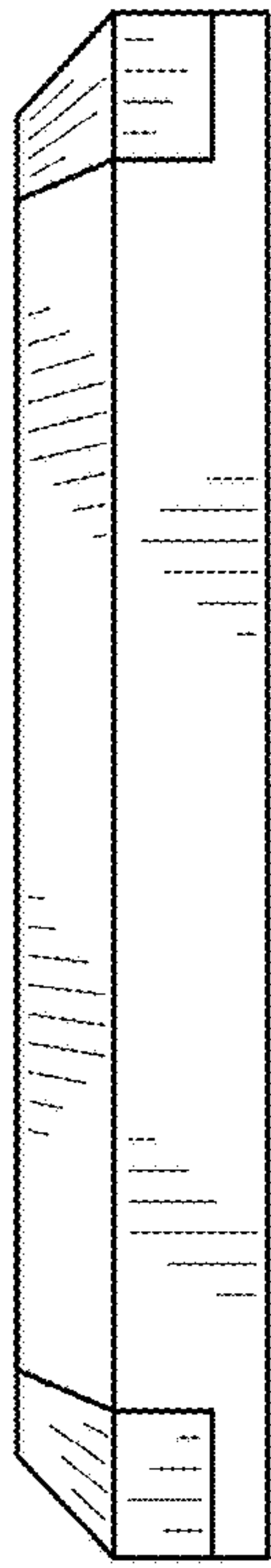


FIG. 3

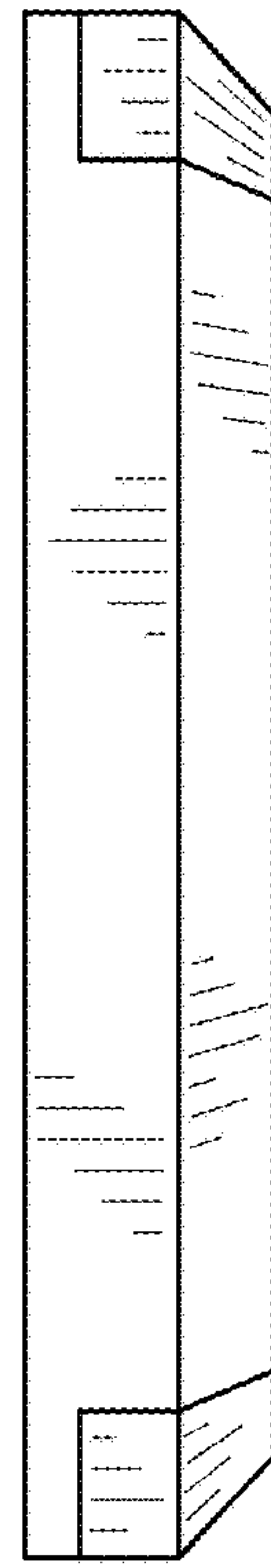


FIG. 4

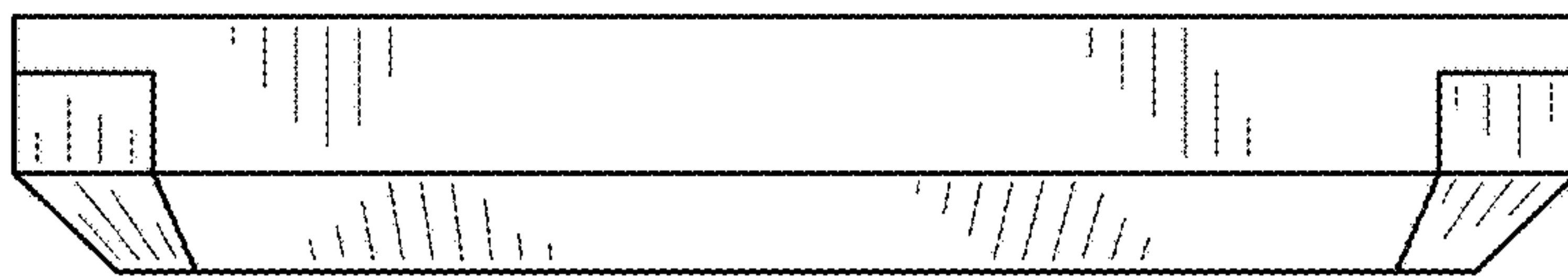


FIG. 5

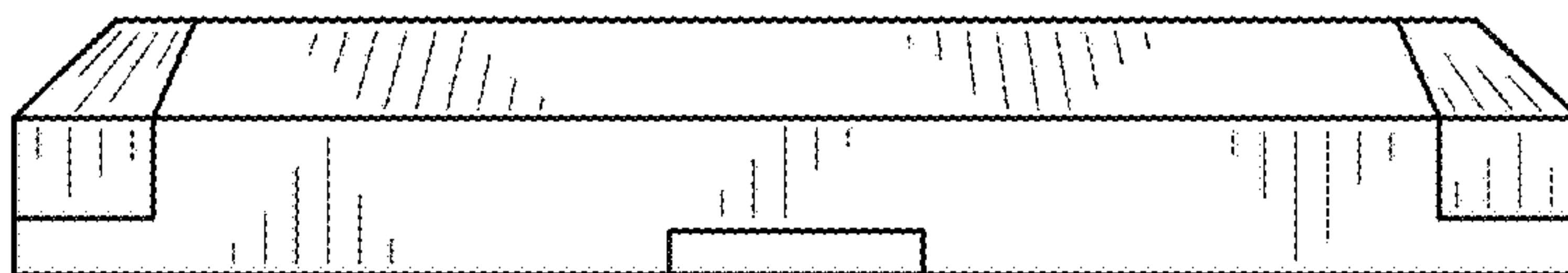


FIG. 6