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

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(54) **HANGING HOOK FOR HANGING A TOOL SUPPORTING RACK**

(71) Applicant: **Jui Chien Kao**, Taichung (TW)

(72) Inventor: **Jui Chien Kao**, Taichung (TW)

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

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(51) **LOC (14) Cl.** **08-11**

(52) **U.S. Cl.**
USPC **D8/367**

(58) **Field of Classification Search**
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248/301-304, 339, 110; 211/70
CPC . A47G 1/00; A47G 25/00; B25H 3/04; B25H
3/06; B25H 3/003
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | | | |
|-----------|------|---------|-------------|-------|--------------|----------|
| 54,882 | A * | 5/1866 | Foote | ..... | B60H 1/22 | 211/69 |
| D257,810 | S * | 1/1981 | Wilson | ..... | D8/355 | |
| D270,034 | S * | 8/1983 | Shepard | ..... | D8/381 | |
| 5,165,629 | A * | 11/1992 | Breviglieri | ..... | A47F 5/0884 | 248/113 |
| D390,014 | S * | 2/1998 | Ho | ..... | D8/367 | |
| 5,713,467 | A * | 2/1998 | Kao | ..... | B65D 73/0014 | 206/349 |
| 5,906,350 | A * | 5/1999 | Kao | ..... | B65D 73/0064 | 206/349 |
| 5,967,340 | A * | 10/1999 | Kao | ..... | B25H 3/04 | 294/146 |
| 6,193,200 | B1 * | 2/2001 | Kao | ..... | B65D 73/0014 | 206/349 |
| 6,202,865 | B1 * | 3/2001 | Kuo | ..... | A47F 5/0815 | 211/70.6 |

| | | | | | | |
|--------------|------|---------|----------------|-------|-------------|----------|
| D555,459 | S * | 11/2007 | Goodwin, III | ..... | D8/363 | |
| D615,847 | S * | 5/2010 | Tezak | ..... | D8/349 | |
| D747,225 | S * | 1/2016 | Decook | ..... | D8/381 | |
| 9,499,321 | B2 * | 11/2016 | Ou | ..... | B65D 73/005 | |
| D817,730 | S * | 5/2018 | Petersen | ..... | D8/14 | |
| 10,022,857 | B2 * | 7/2018 | Kao | ..... | B25H 3/04 | |
| D826,704 | S * | 8/2018 | Wilson | ..... | D8/382 | |
| D843,815 | S * | 3/2019 | Kao | ..... | D8/366 | |
| D843,816 | S * | 3/2019 | Kao | ..... | D8/366 | |
| 10,875,173 | B1 * | 12/2020 | Kao | ..... | B25H 3/003 | |
| D922,859 | S * | 6/2021 | Kao | ..... | D8/367 | |
| D922,860 | S * | 6/2021 | Kao | ..... | D8/367 | |
| D950,358 | S * | 5/2022 | Dedios-Shirley | ..... | D8/349 | |
| D977,943 | S * | 2/2023 | Schmidt | ..... | D8/349 | |
| 2011/0187248 | A1 * | 8/2011 | Kao | ..... | B25H 3/04 | 312/280 |
| 2011/0192810 | A1 * | 8/2011 | Kao | ..... | B25H 3/028 | 211/70.6 |

* cited by examiner

Primary Examiner — Cynthia R Underwood

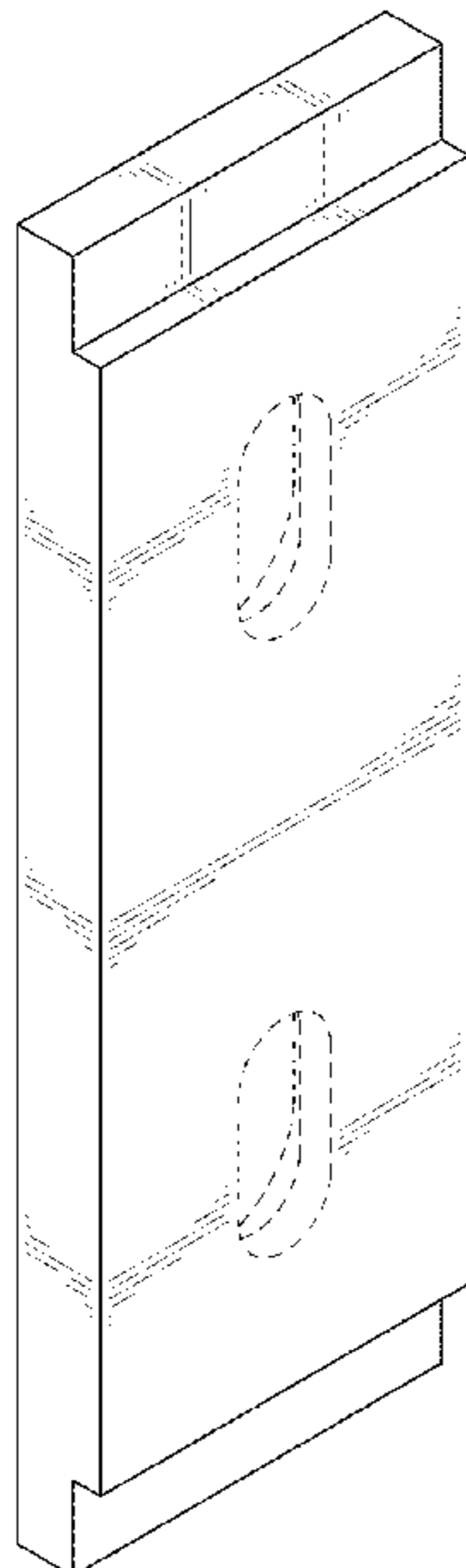
(57) **CLAIM**

The ornamental design for a hanging hook for hanging a tool supporting rack, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hanging hook for hanging a tool supporting rack showing my new design; FIG. 2 is another perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof. The broken lines shown in the drawings depict portions of the article that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



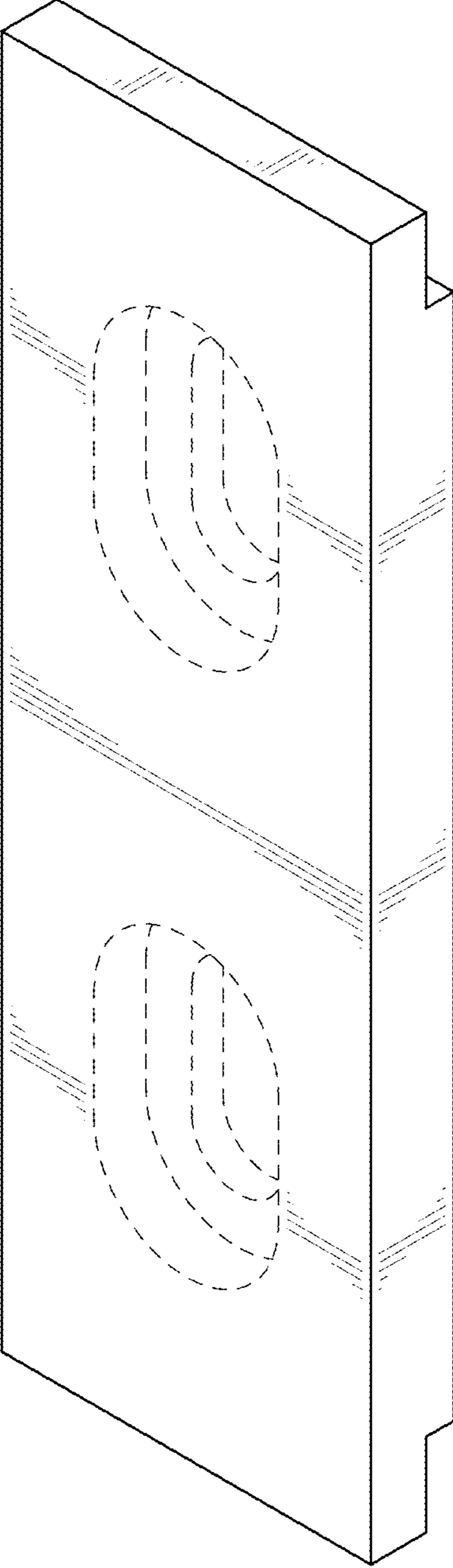


FIG.1

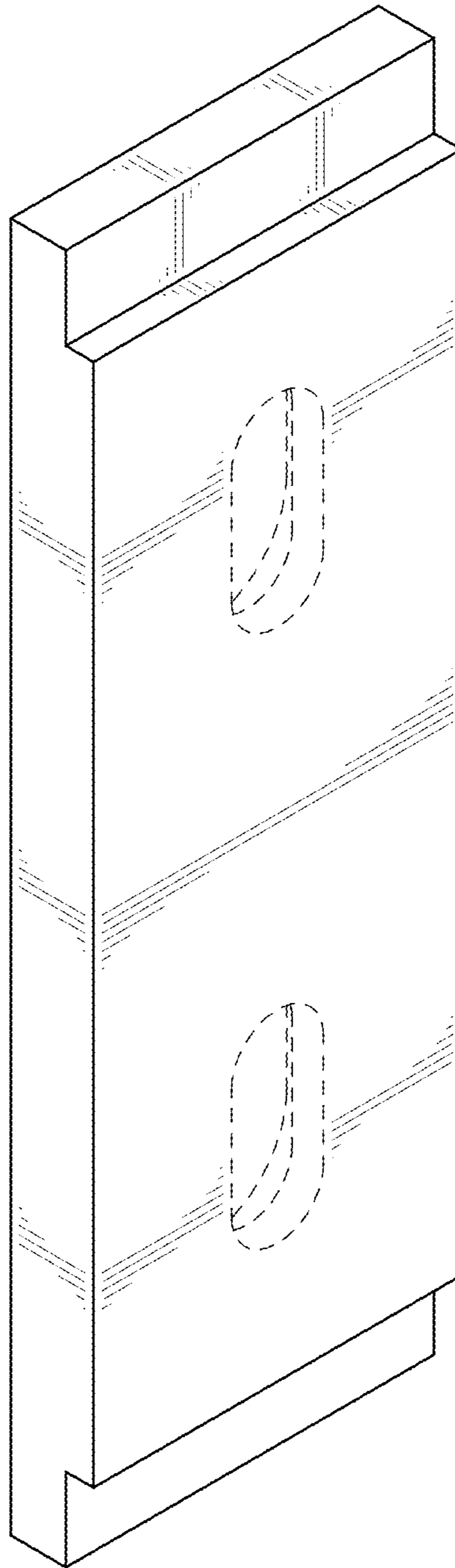


FIG.2

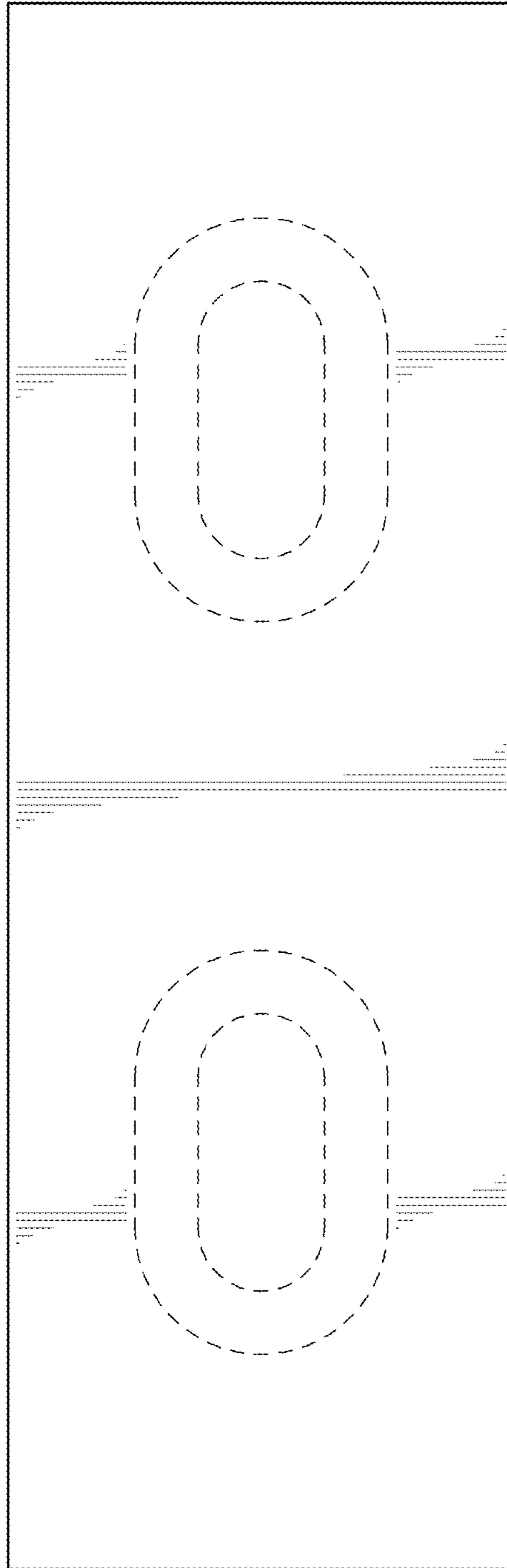


FIG.3

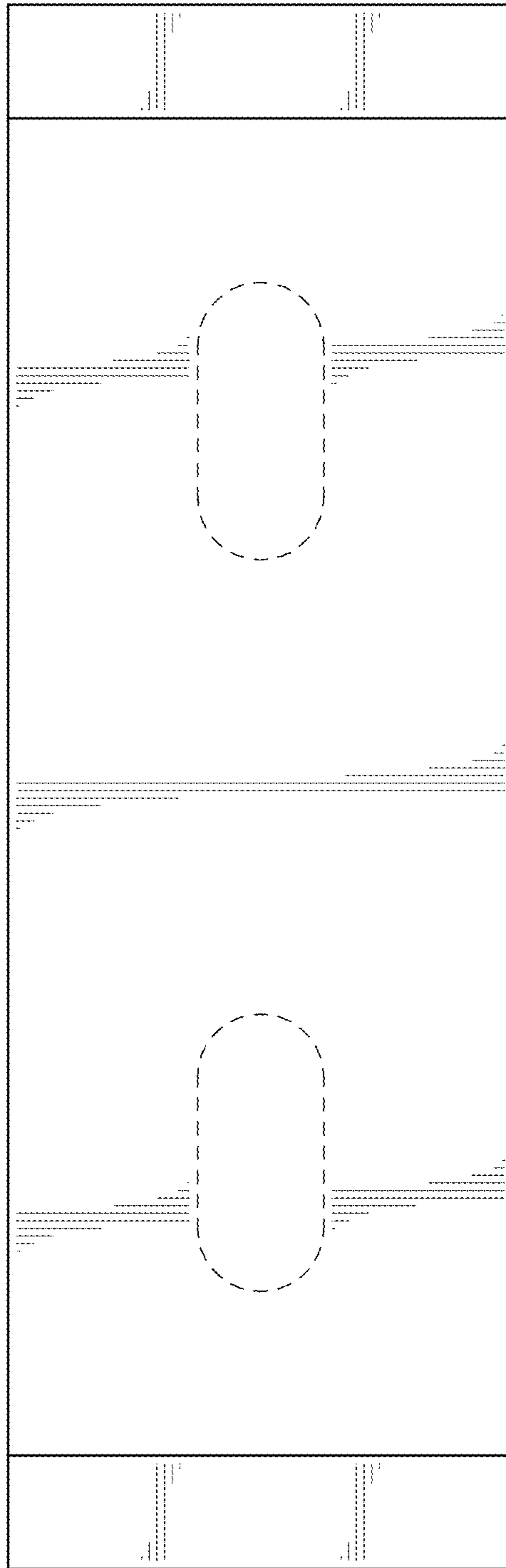


FIG.4

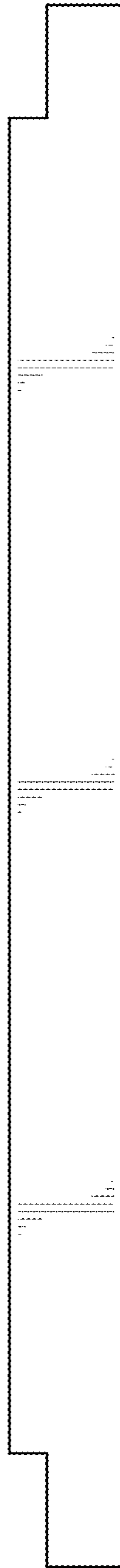


FIG.5

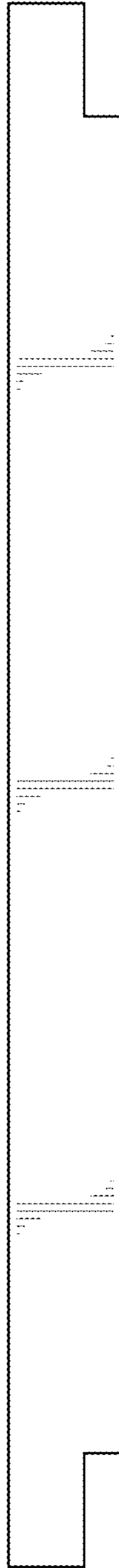


FIG.6

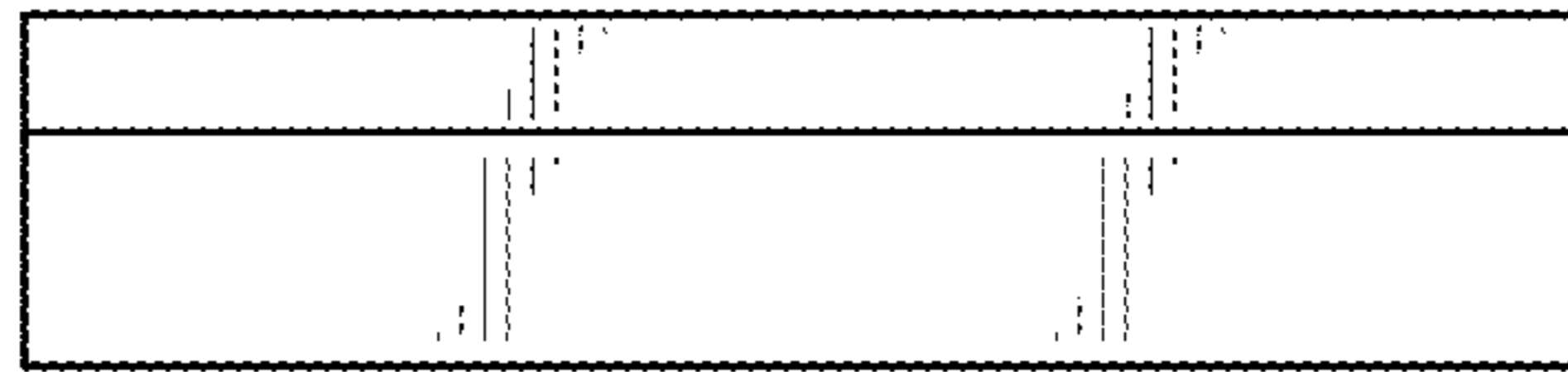


FIG.7

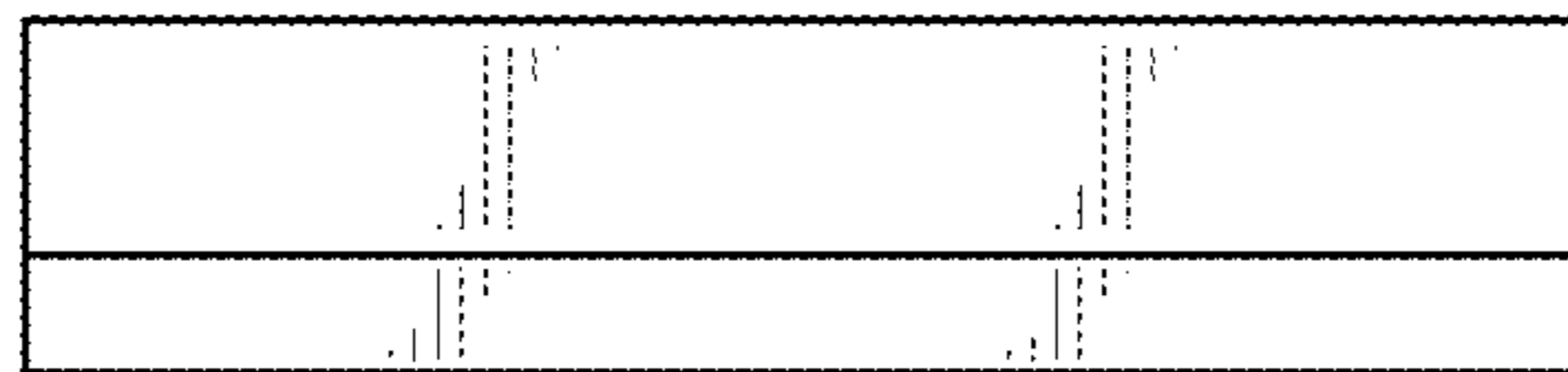


FIG.8