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(12) **United States Design Patent**
Byrne et al.

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(54) **STACKABLE ELECTRICAL TERMINALS**

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(**) Term: **14 Years**

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(51) **LOC (10) Cl. 13-03**

(52) **U.S. Cl.**
USPC **D13/154**

(58) **Field of Classification Search**
USPC D13/133, 147, 154, 184, 199
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|----------------|---------|--------------------|------------------------|
| 2,917,724 A | 12/1959 | Jackson | |
| 4,205,892 A | 6/1980 | Clement et al. | |
| 4,313,646 A * | 2/1982 | Millhimes | H01R 31/02 439/215 |
| RE31,033 E | 9/1982 | Wilson, Jr. et al. | |
| 4,875,871 A | 10/1989 | Booty, Sr. et al. | |
| 4,990,110 A * | 2/1991 | Byrne | H01R 13/11 439/861 |
| 5,434,749 A | 7/1995 | Nakayama | |
| 6,733,331 B2 | 5/2004 | McCoy et al. | |
| 7,771,239 B1 | 8/2010 | Hsiao | |
| 8,262,401 B1 * | 9/2012 | Byrne | H01R 25/162 439/215 |
| D668,620 S * | 10/2012 | Convert | D13/147 |
| D714,227 S * | 9/2014 | Buck | D13/154 |

FOREIGN PATENT DOCUMENTS

JP H05176433 7/1993

* cited by examiner

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(57) **CLAIM**

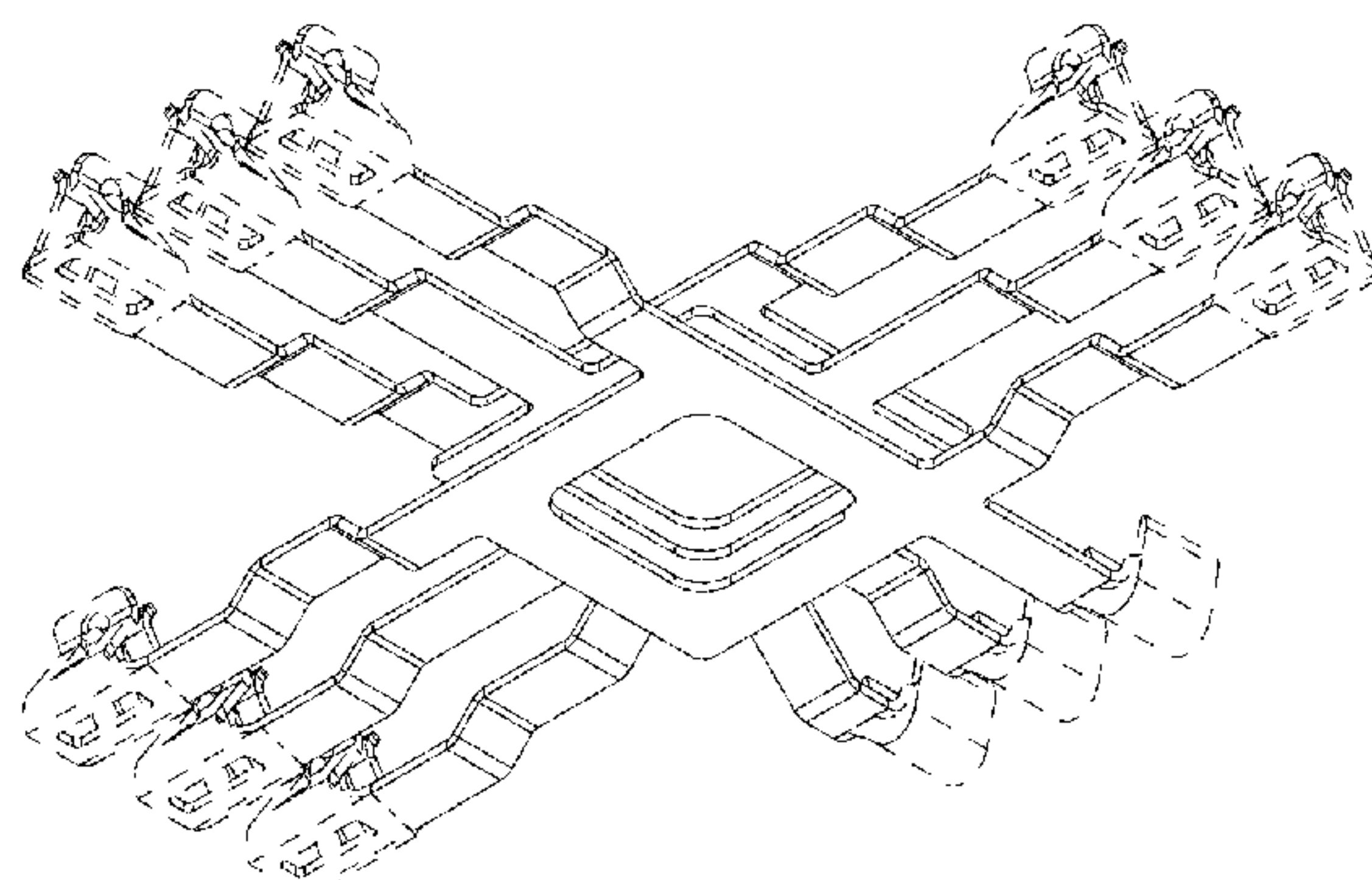
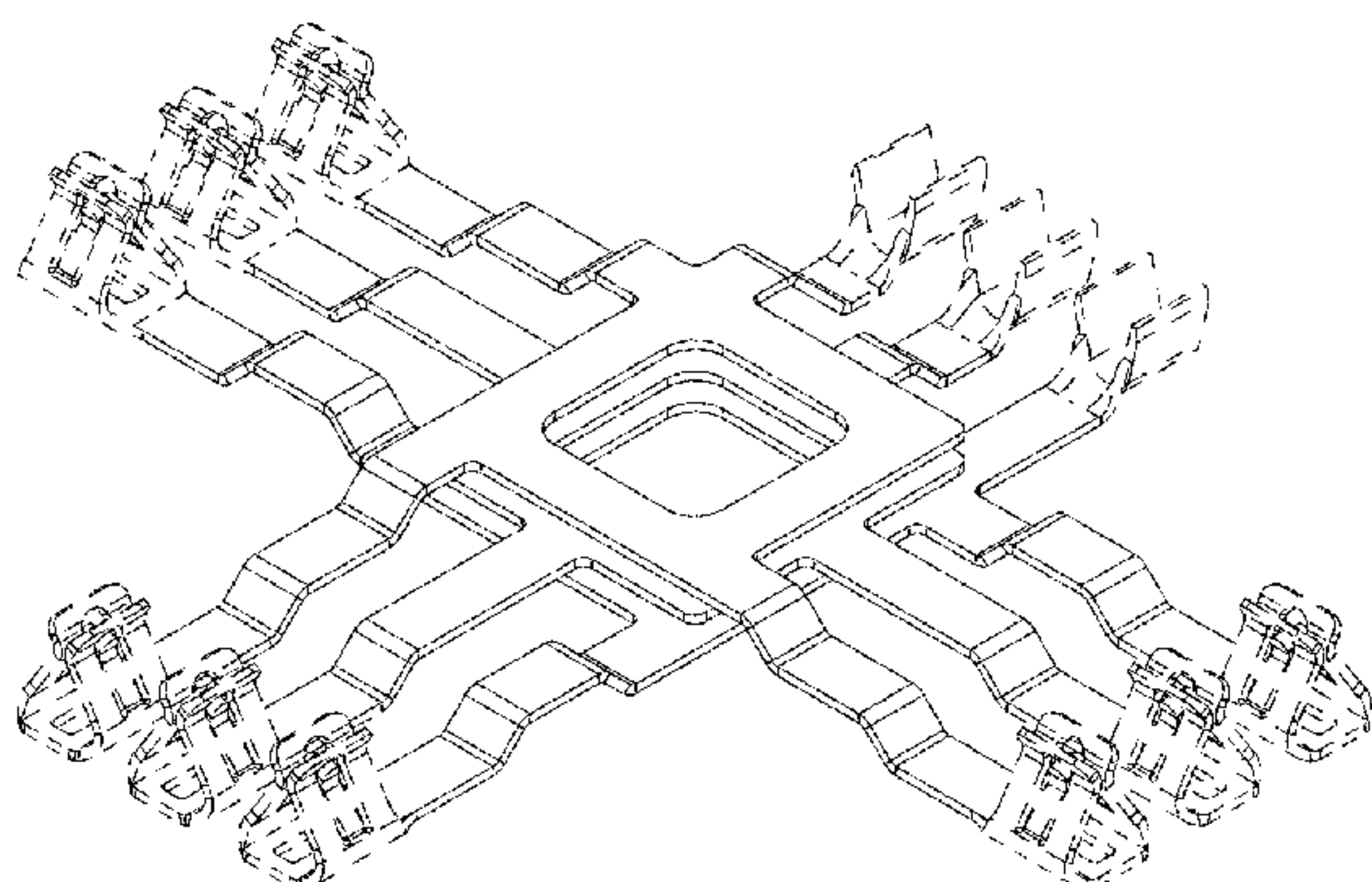
The ornamental design for stackable electrical terminals, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of stackable electrical terminals showing our new design; FIG. 2 is another top perspective view thereof; FIG. 3 is a bottom perspective view thereof; FIG. 4 is another bottom perspective view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a rear elevation thereof; FIG. 8 is a front elevation thereof; FIG. 9 is a right side elevation thereof; FIG. 10 is a left side elevation thereof; FIG. 11 is a top perspective view of the upper one of the stackable electrical terminals of FIG. 1; FIG. 12 is a top plan view thereof; FIG. 13 is a bottom plan view thereof; FIG. 14 is a rear elevation thereof; FIG. 15 is a front elevation thereof; FIG. 16 is a right side elevation thereof; FIG. 17 is a left side elevation thereof; FIG. 18 is a top perspective view of the middle one of the stackable electrical terminals of FIG. 1; FIG. 19 is a top plan view thereof; FIG. 20 is a bottom plan view thereof; FIG. 21 is a rear elevation thereof; FIG. 22 is a front elevation thereof; FIG. 23 is a right side elevation thereof; FIG. 24 is a left side elevation thereof; FIG. 25 is a top perspective view of the lower one of the stackable electrical terminals of FIG. 1; FIG. 26 is a top plan view thereof; FIG. 27 is a bottom plan view thereof; FIG. 28 is a rear elevation thereof; FIG. 29 is a front elevation thereof; FIG. 30 is a right side elevation thereof; and, FIG. 31 is a left side elevation thereof.

The even-broken lines in the drawing views are included for the purpose of illustrating unclaimed portions of the terminals only and form no part of the claimed design. The dash-dot lines represent the boundary of the claimed design.

1 Claim, 10 Drawing Sheets



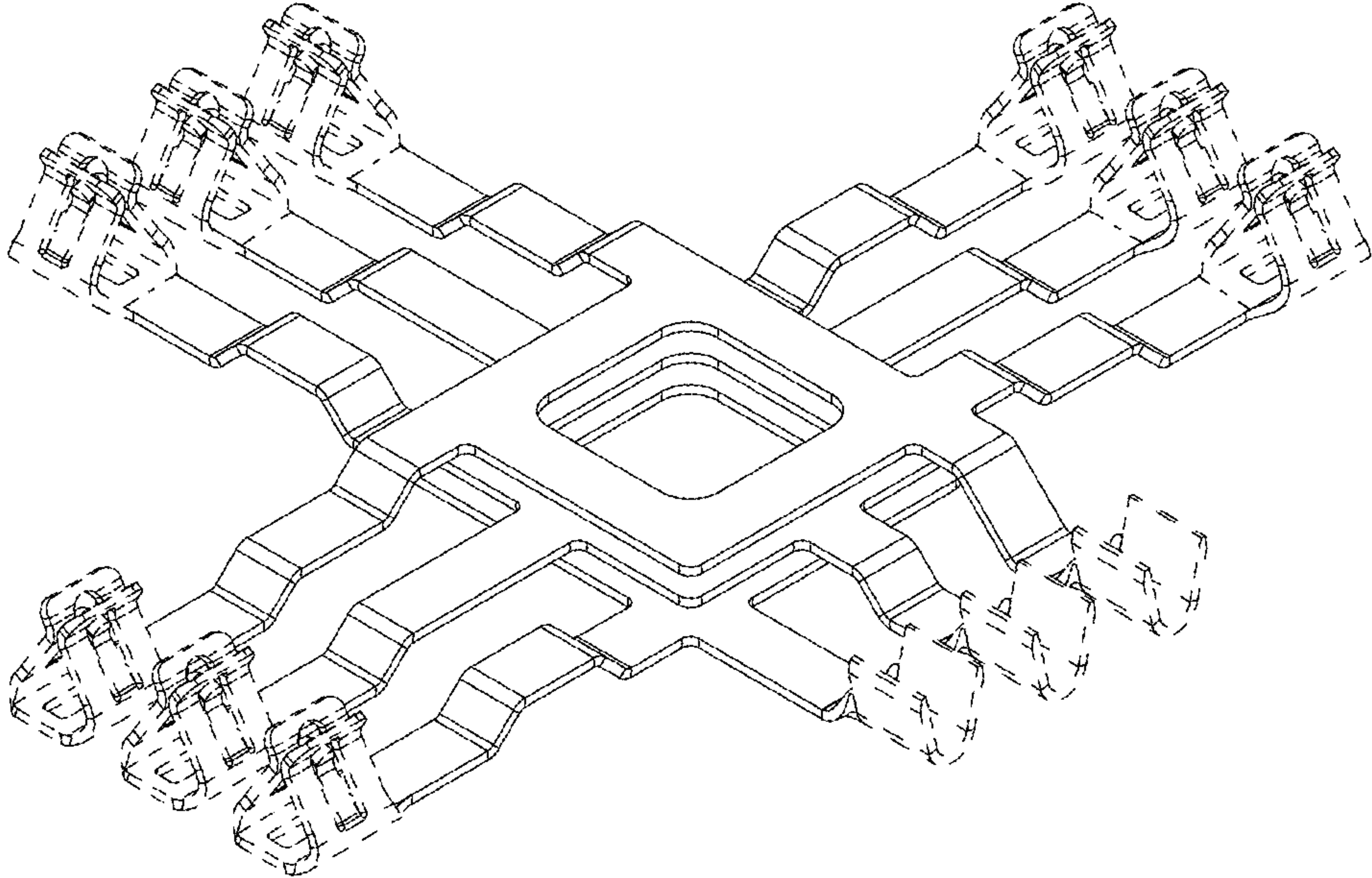


FIG. 1

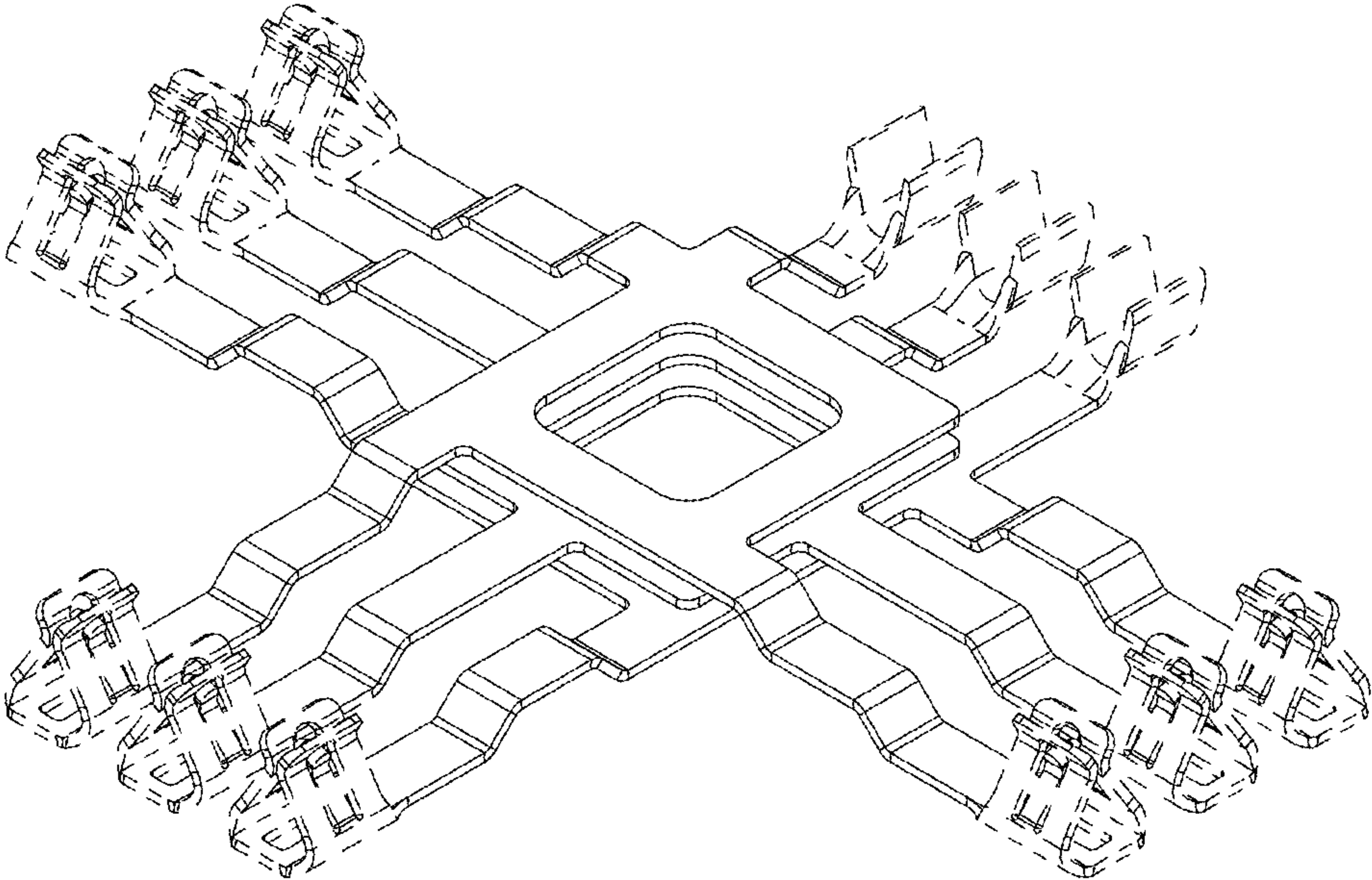


FIG. 2

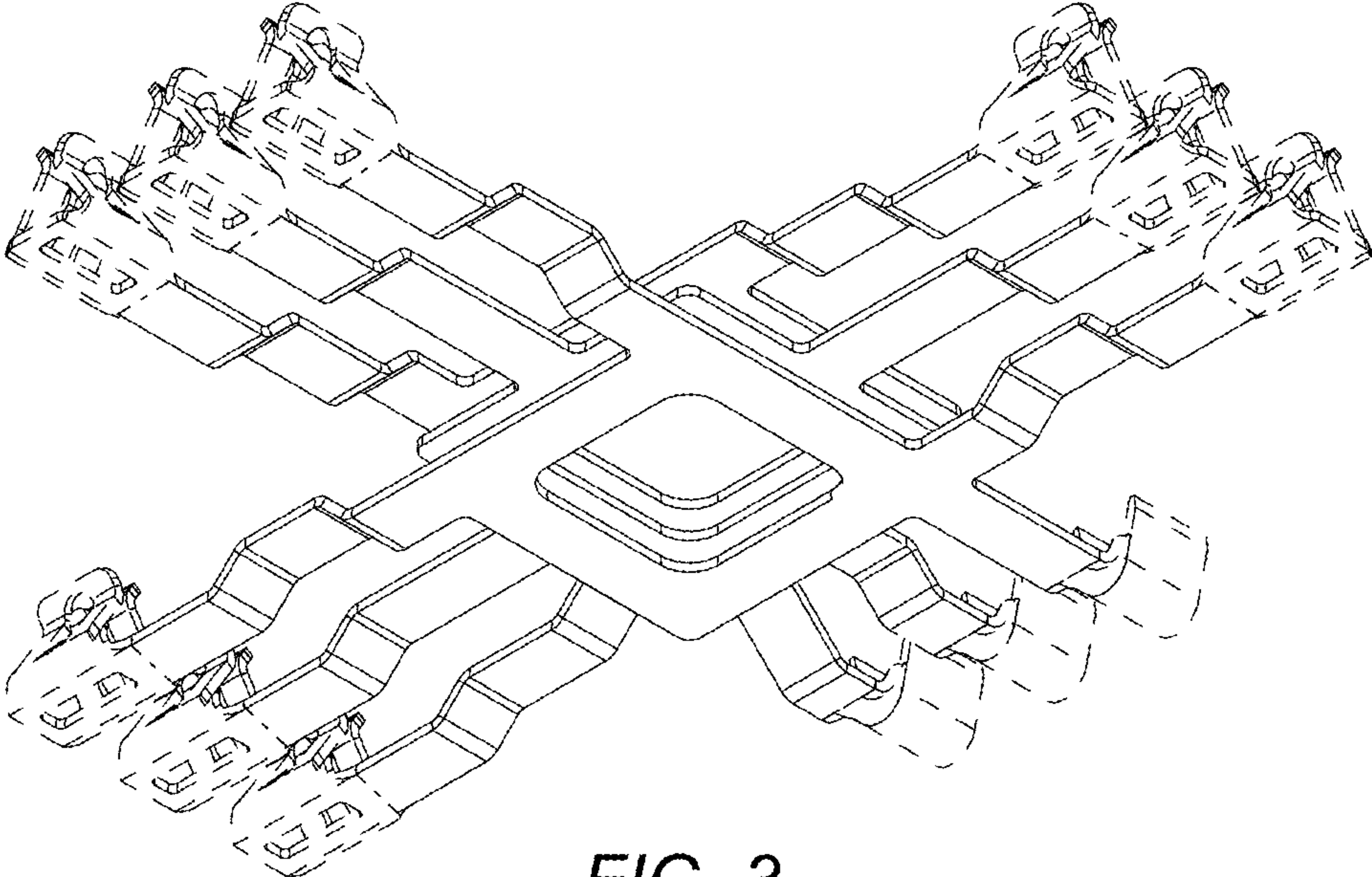


FIG. 3

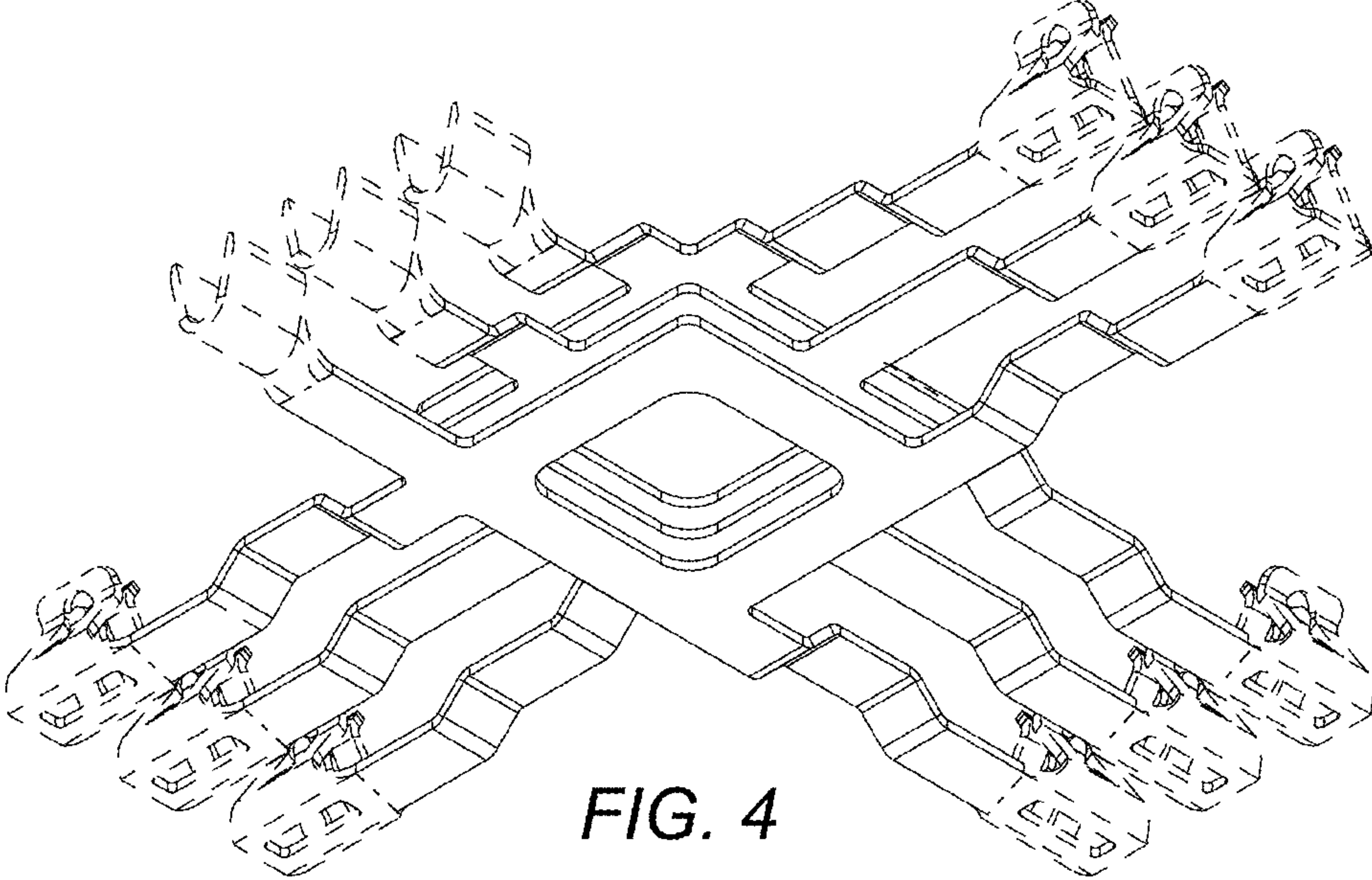


FIG. 4

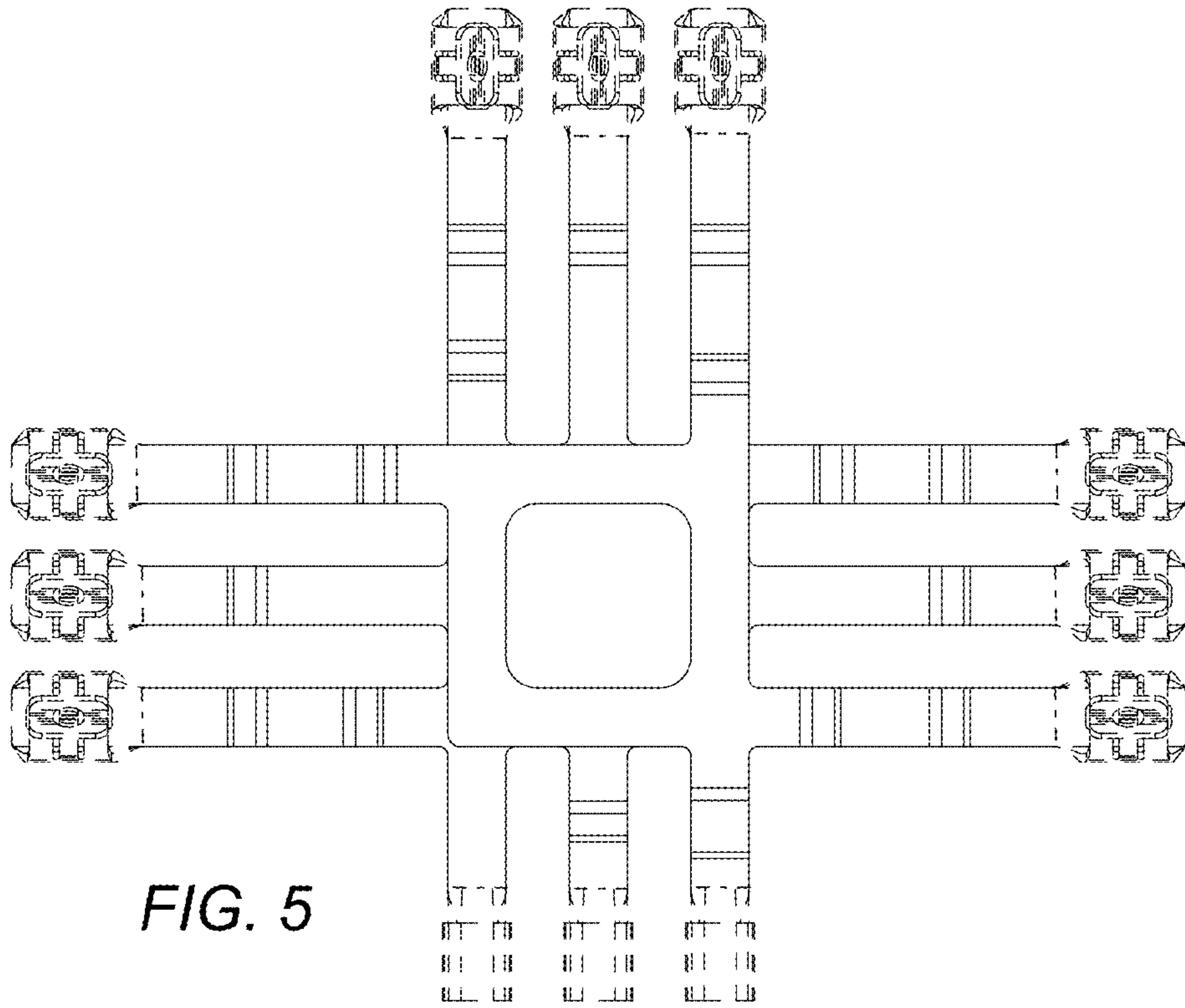


FIG. 5

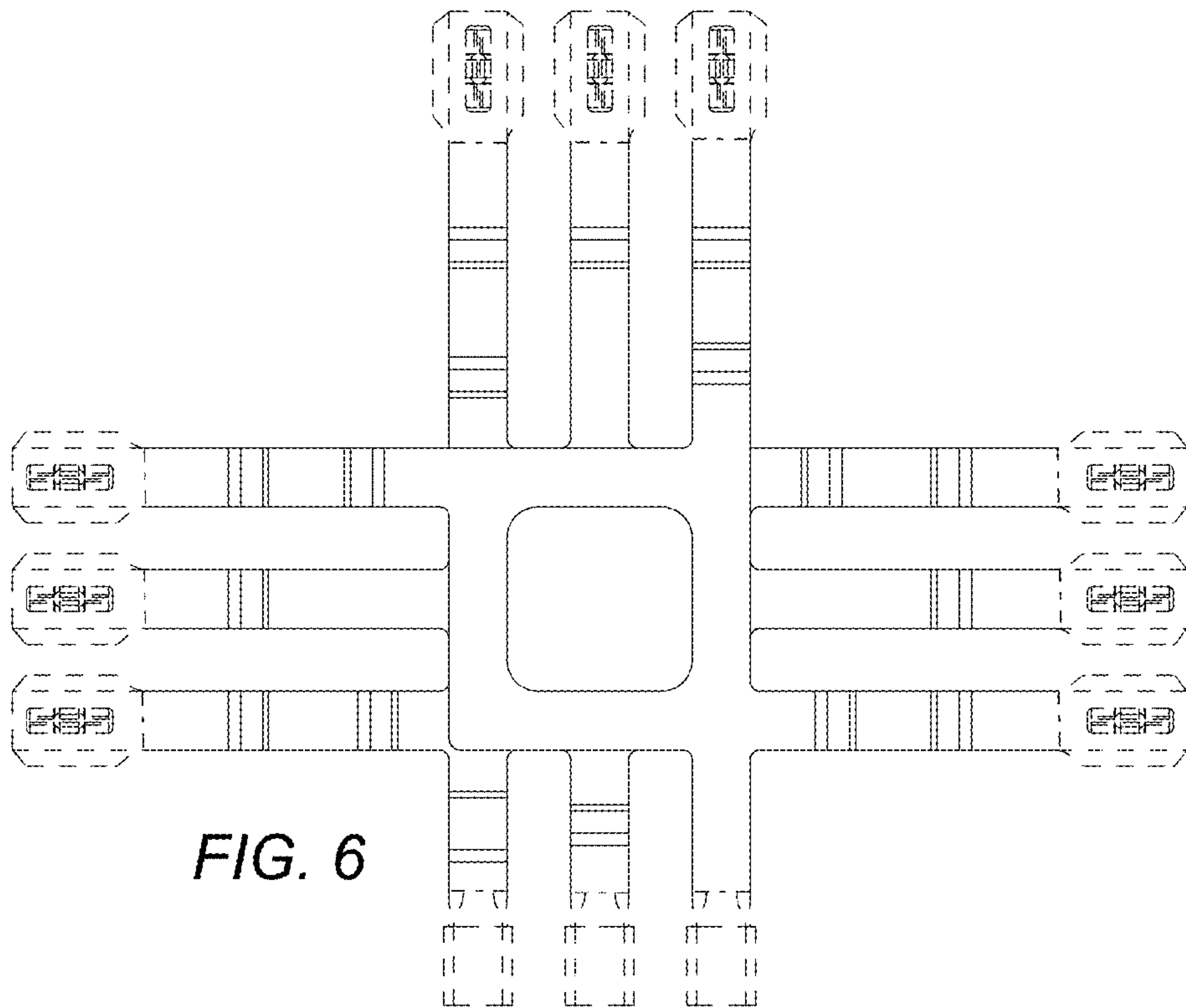


FIG. 6

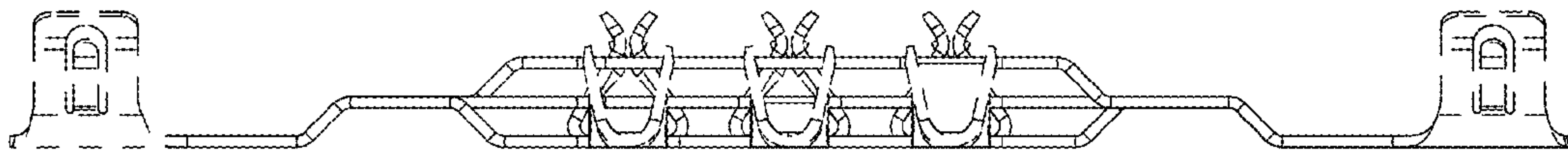


FIG. 7

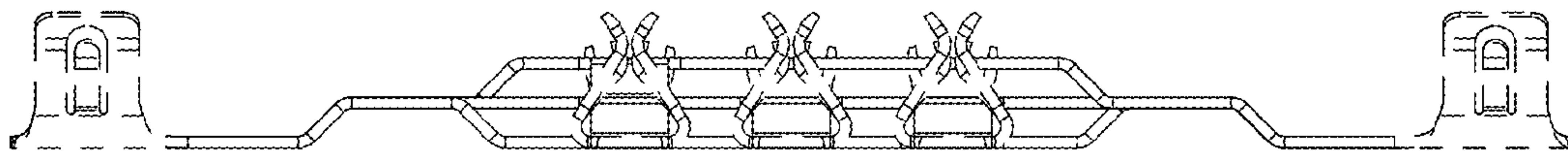


FIG. 8

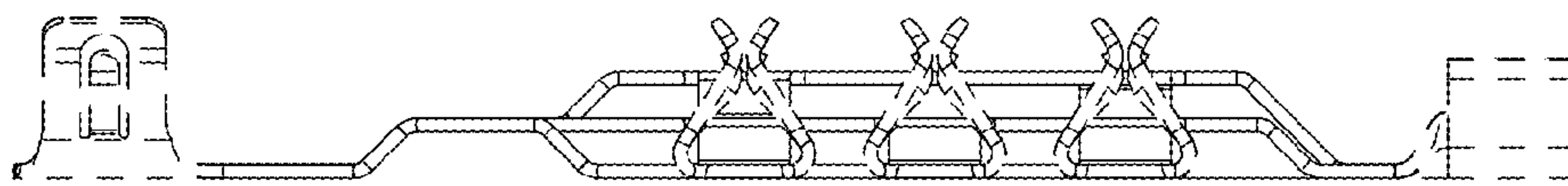


FIG. 9

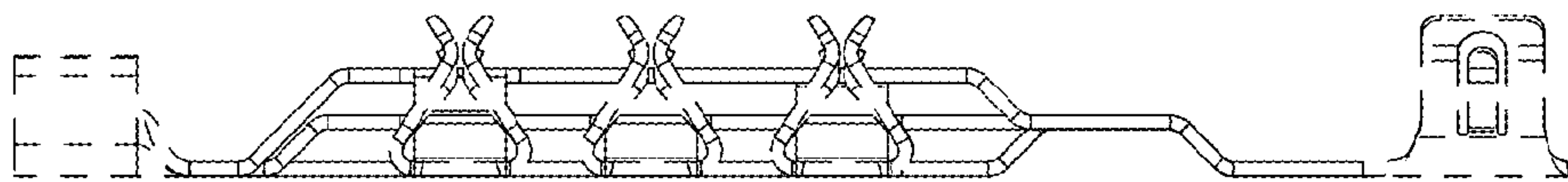
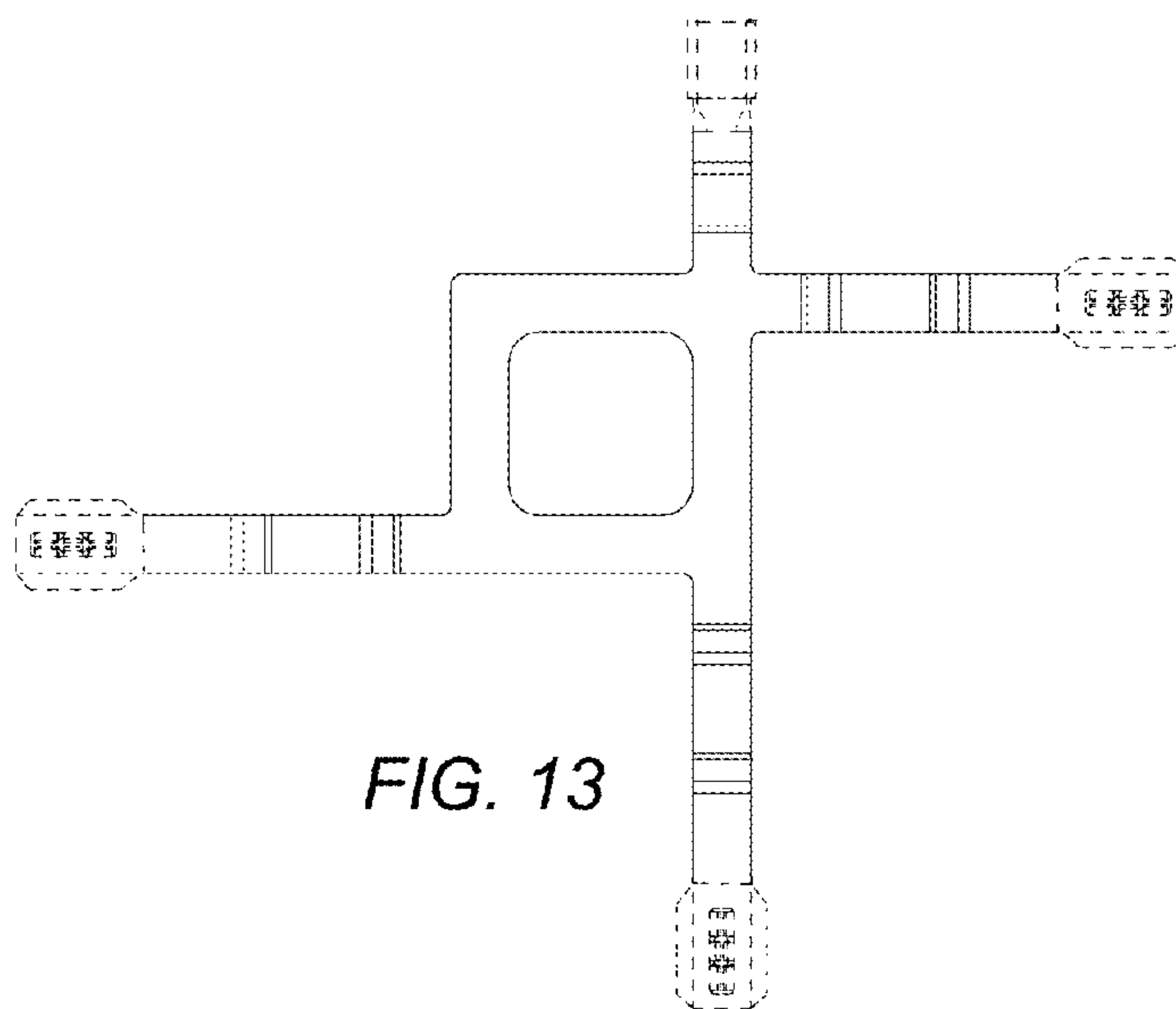
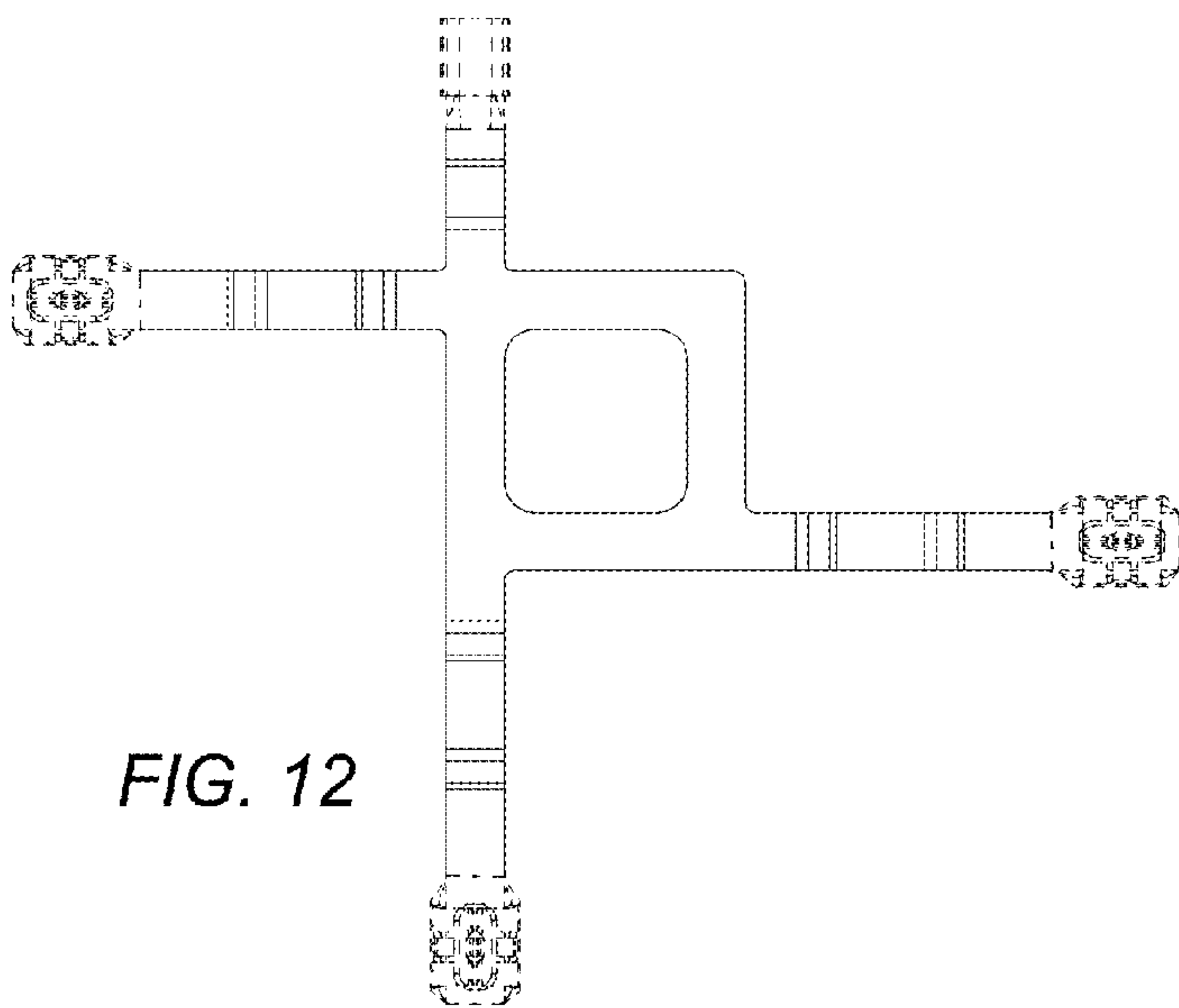
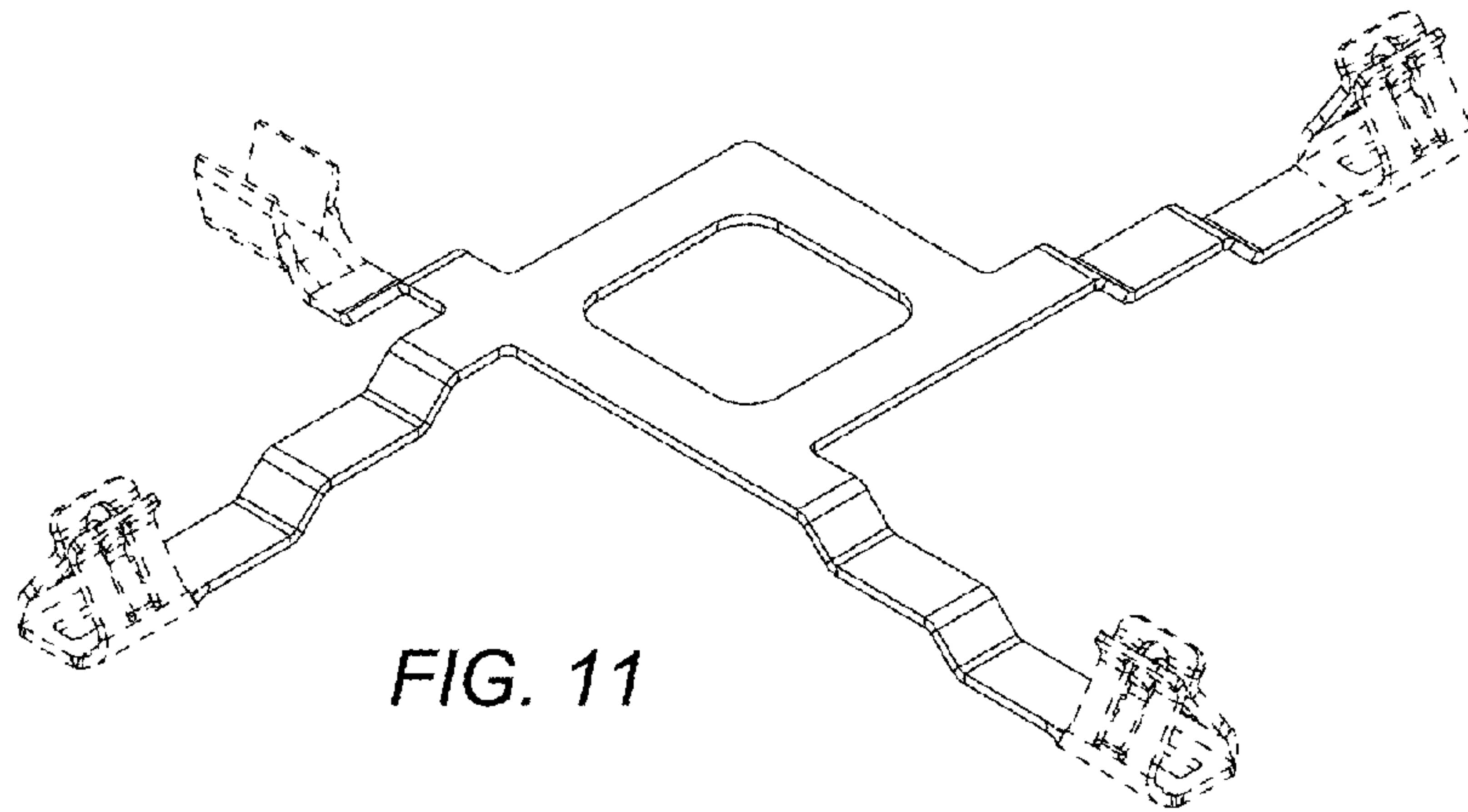


FIG. 10



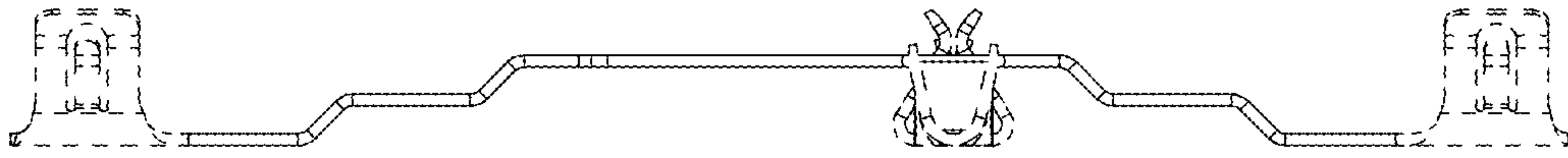


FIG. 14

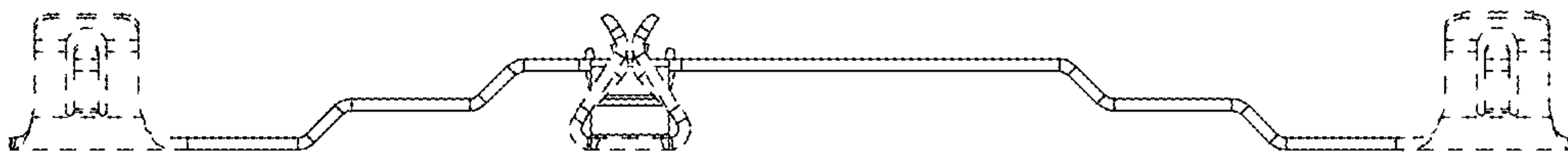


FIG. 15

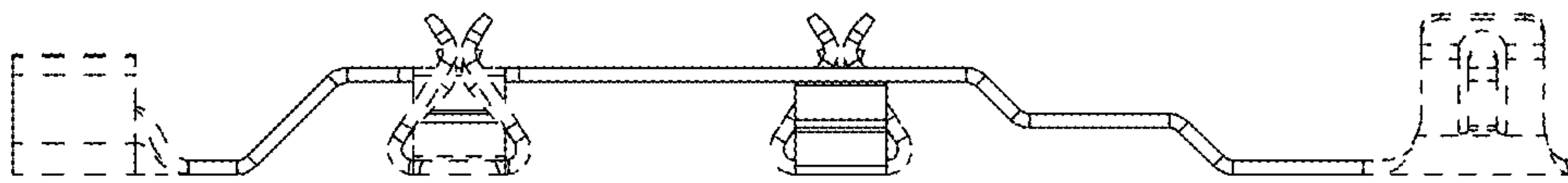


FIG. 16

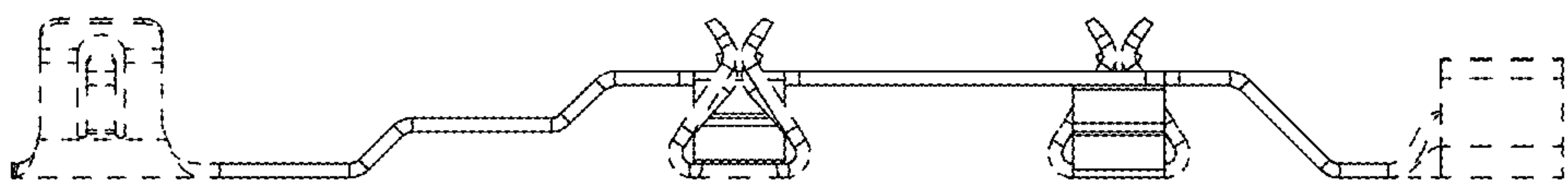


FIG. 17

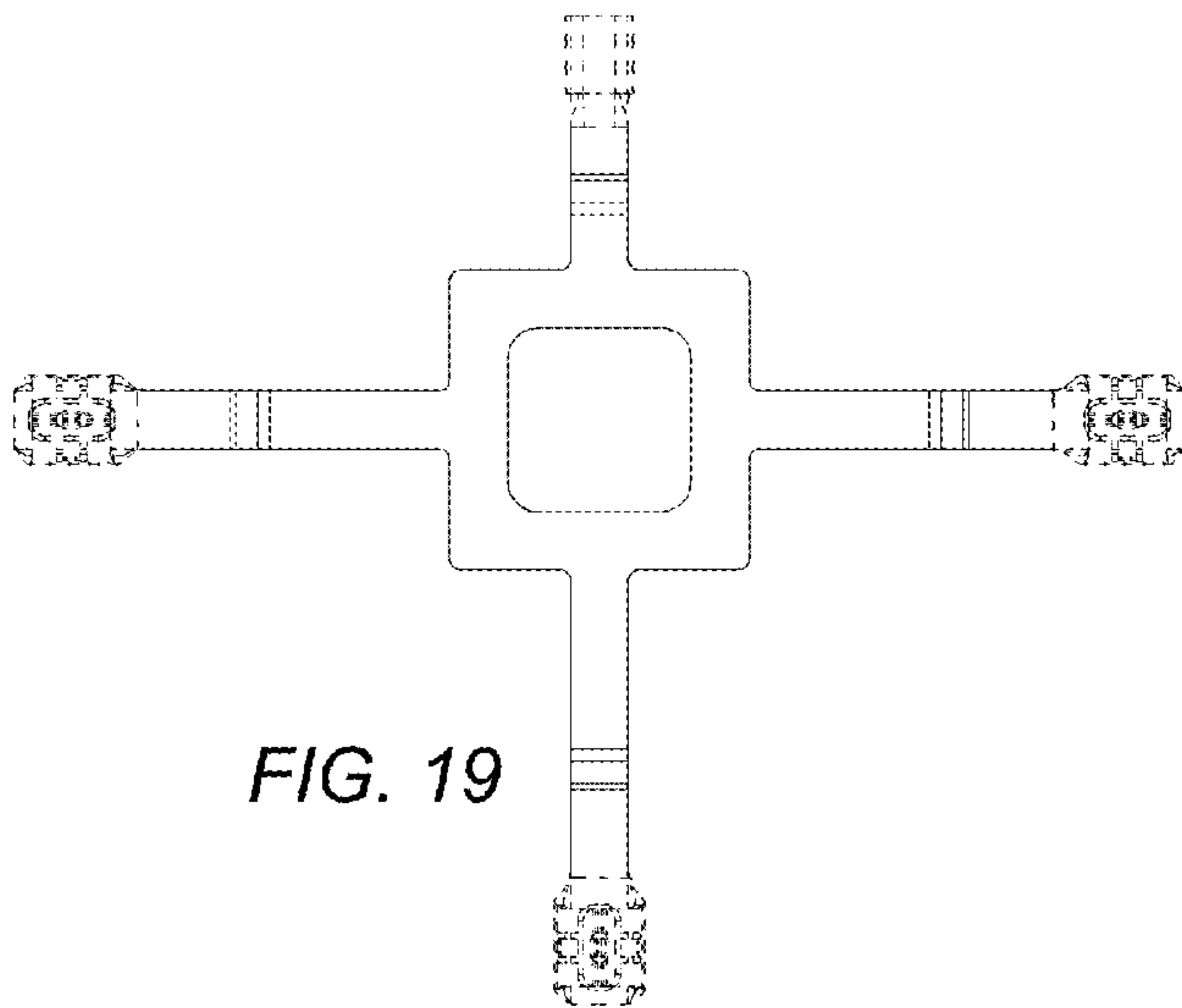
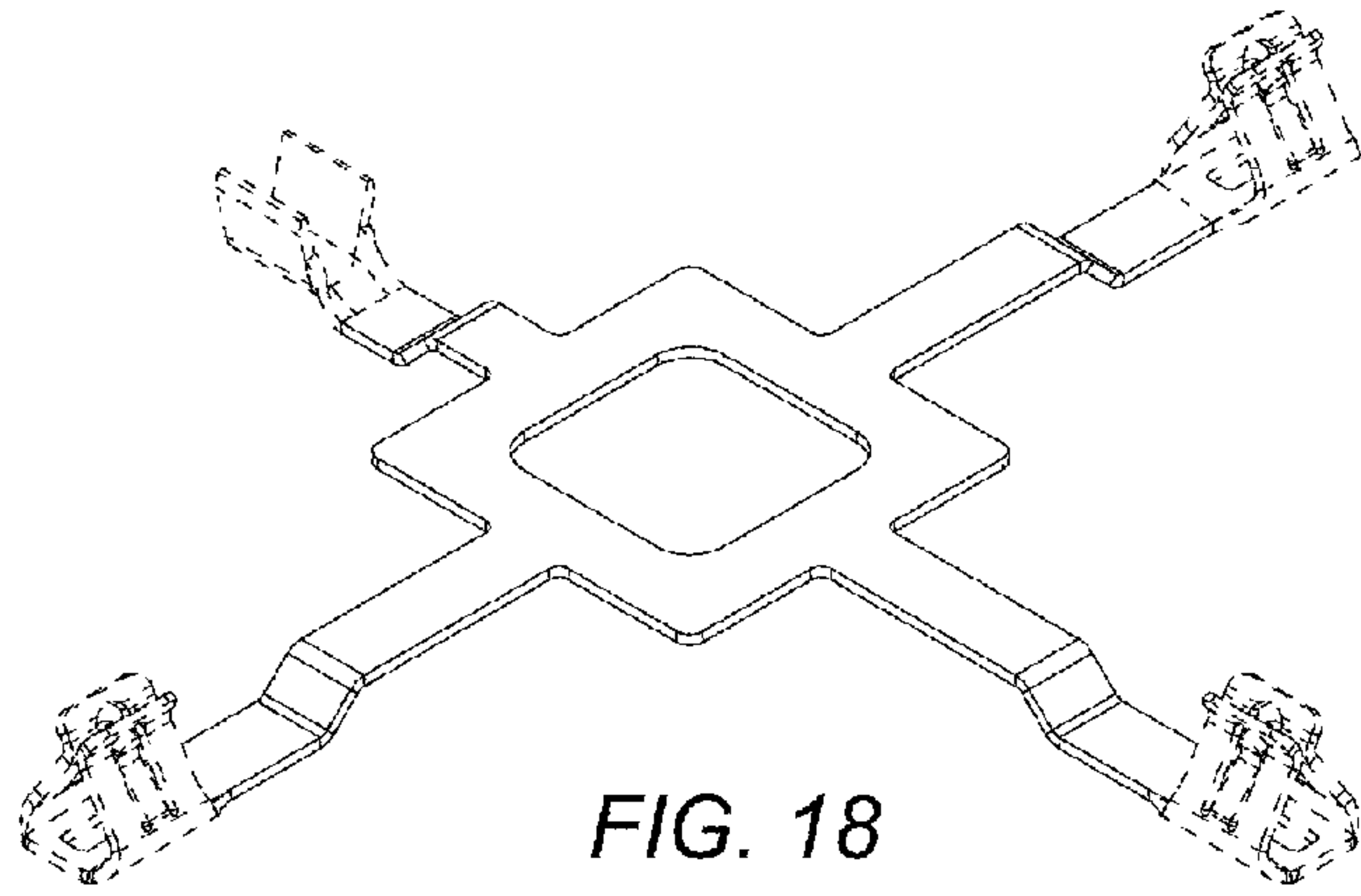


FIG. 19

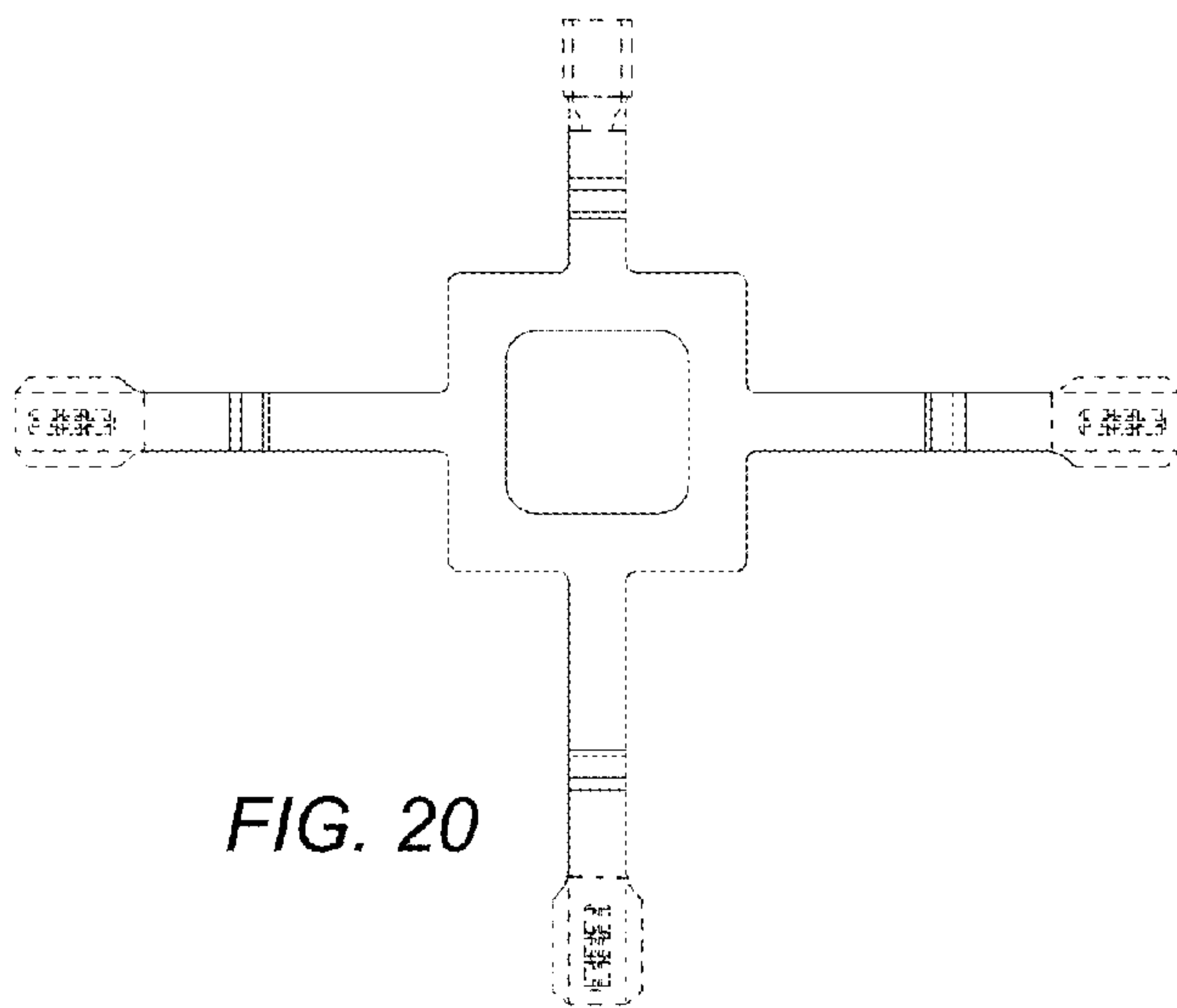


FIG. 20

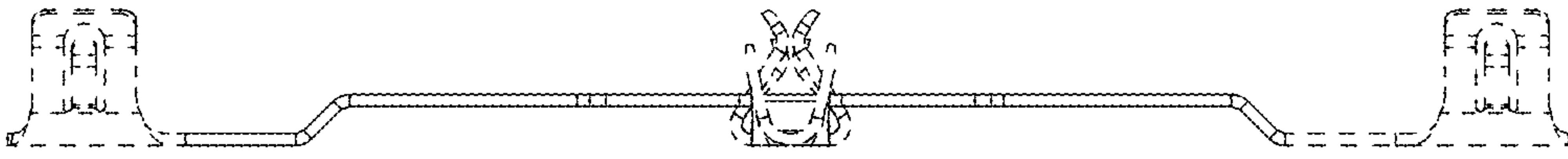


FIG. 21

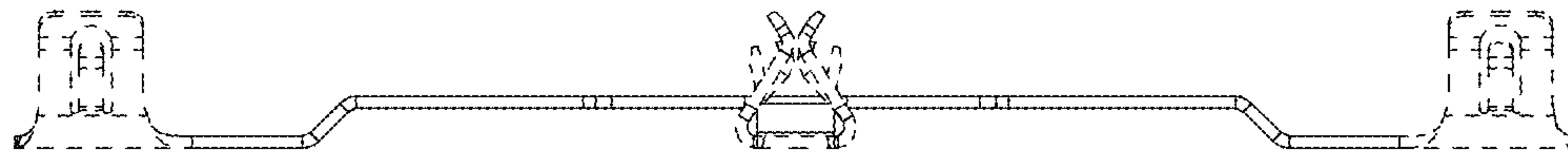


FIG. 22

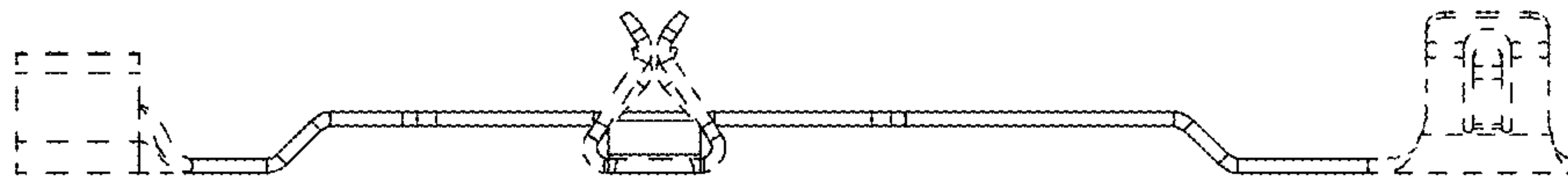


FIG. 23

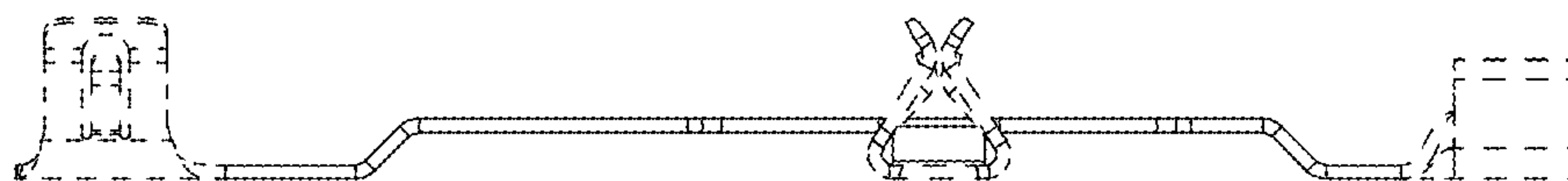
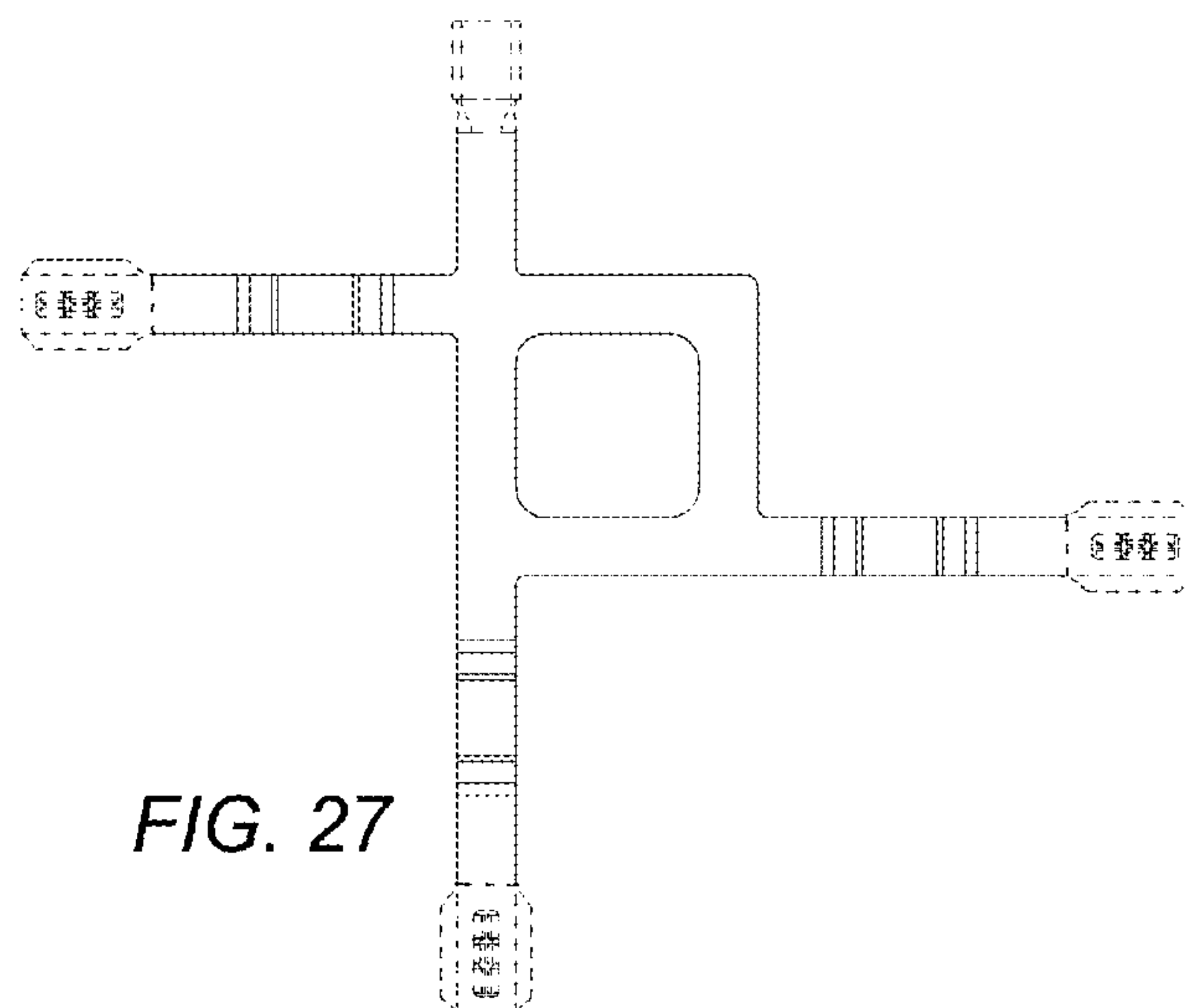
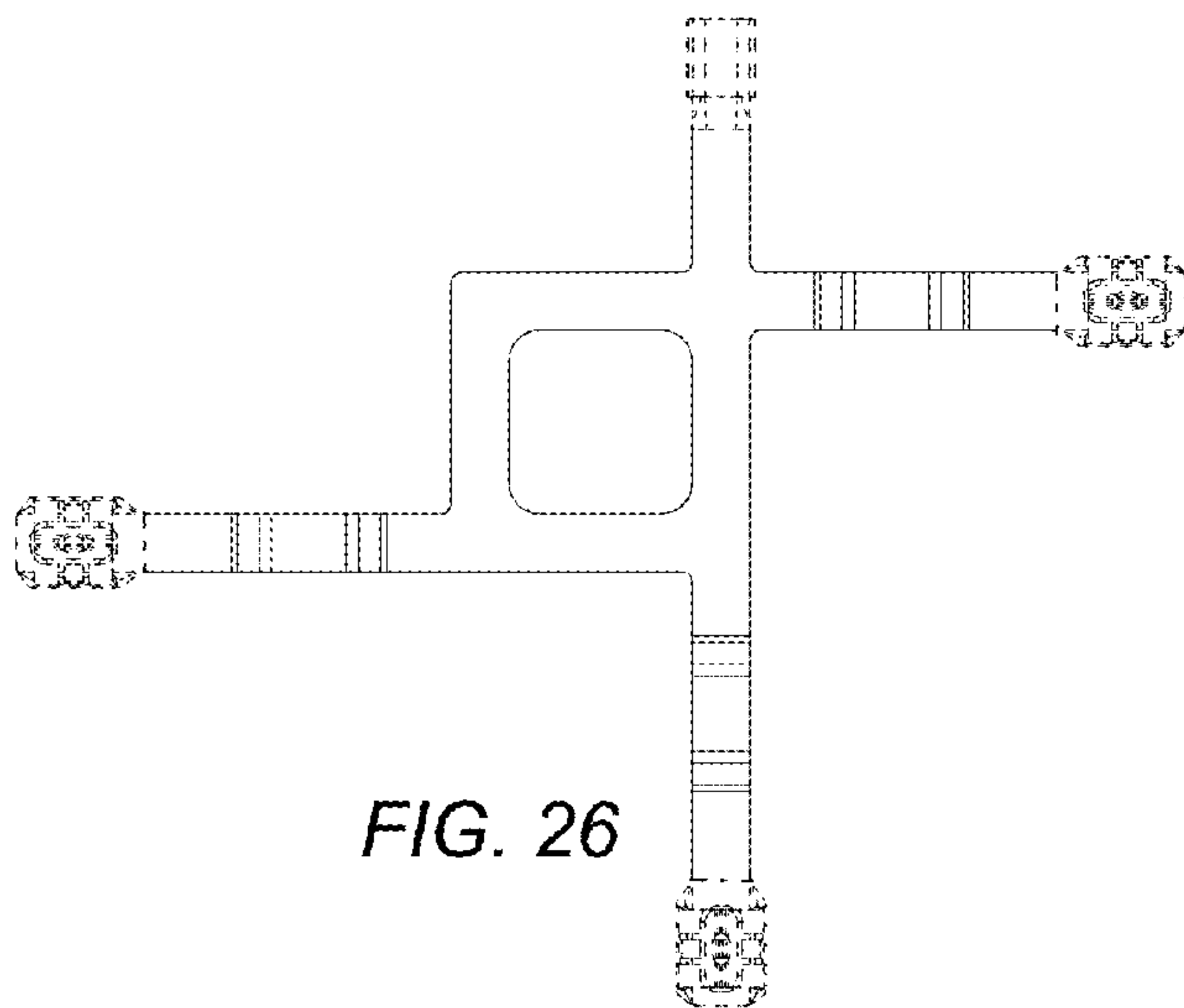
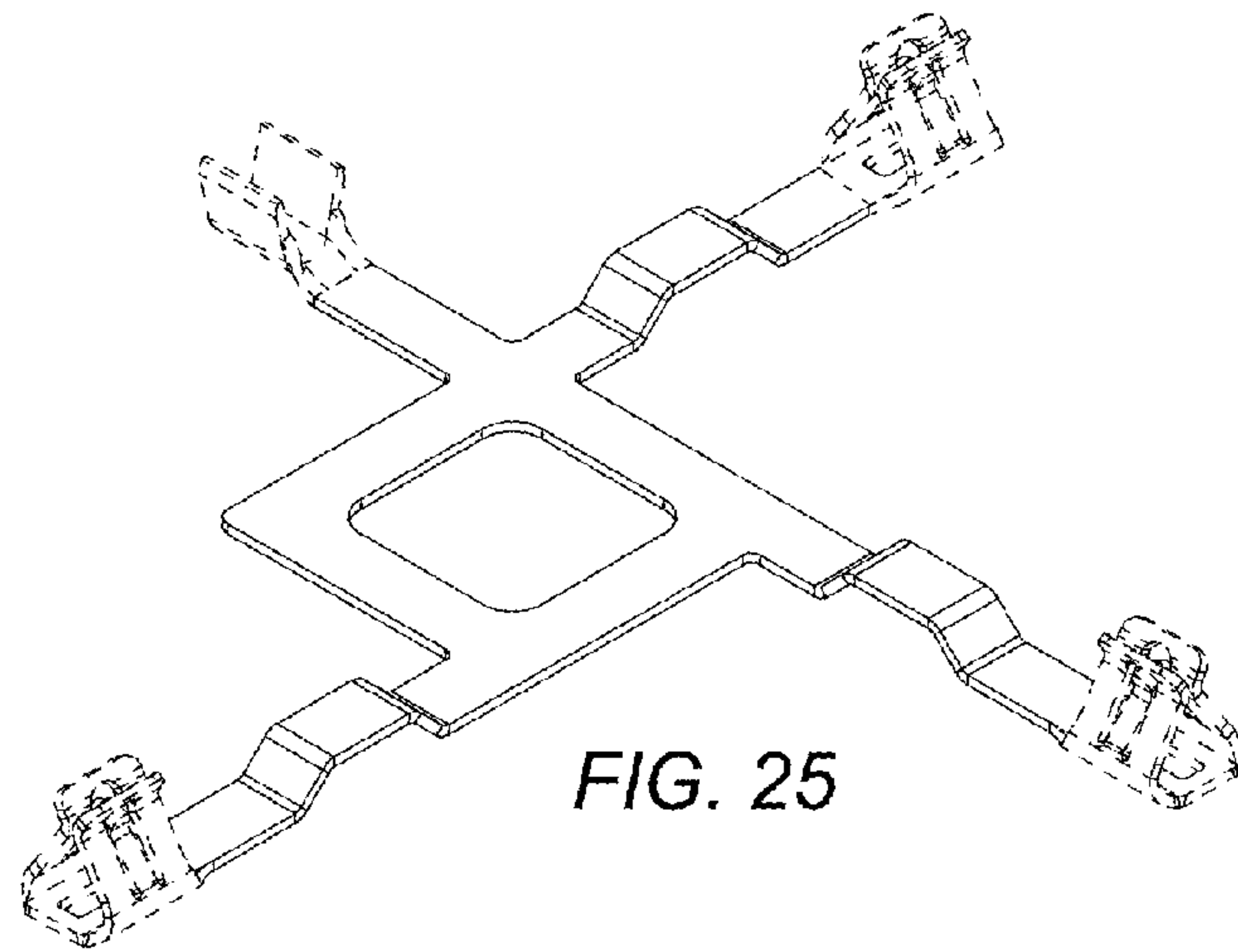


FIG. 24



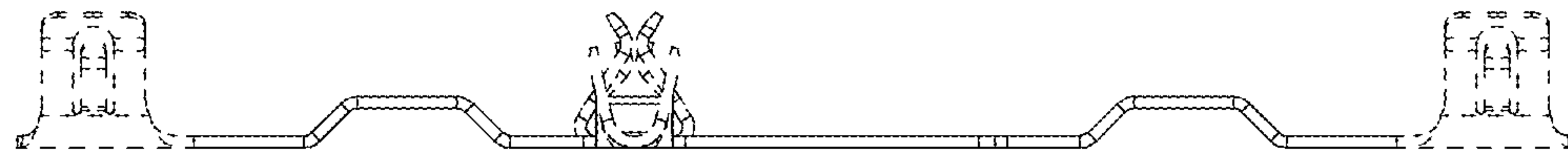


FIG. 28



FIG. 29

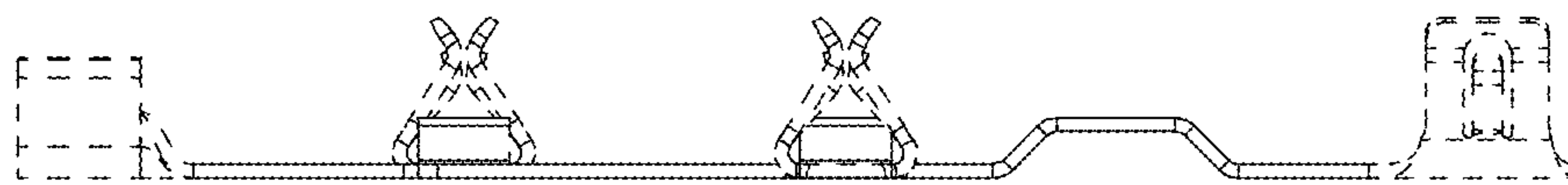


FIG. 30

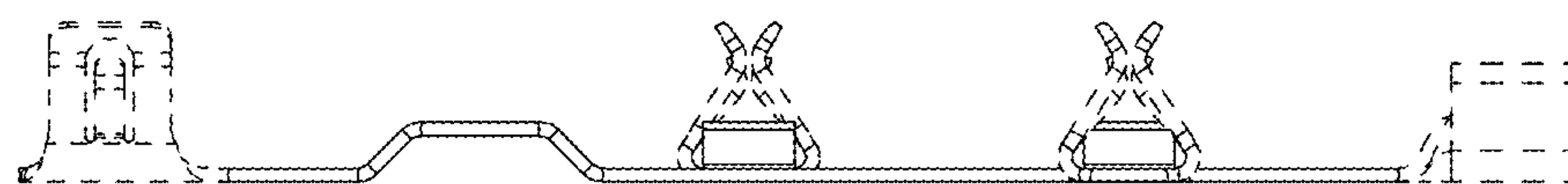


FIG. 31