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(12) **United States Design Patent** (10) **Patent No.:** **US D985,029 S**
Cartwright (45) **Date of Patent:** **** May 2, 2023**

(54) **COLD-SWAGING DIE SET WITH TUBULAR SPLICE SLEEVE**

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

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(51) **LOC (14) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/123**

(58) **Field of Classification Search**
USPC D15/122, 128, 135, 136, 138, 140, 143
CPC B25B 27/146; B25B 27/10; H01R 43/042;
B21D 37/10

See application file for complete search history.

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(57) **CLAIM**

The ornamental design of a cold-swaging die set with tubular splice sleeve, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a cold-swaging die set with tubular splice sleeve in accordance with my invention and is shared by all embodiments;

FIG. 2 is an end view thereof and is shared by all embodiments;

FIG. 3 is a side view of a first embodiment thereof;

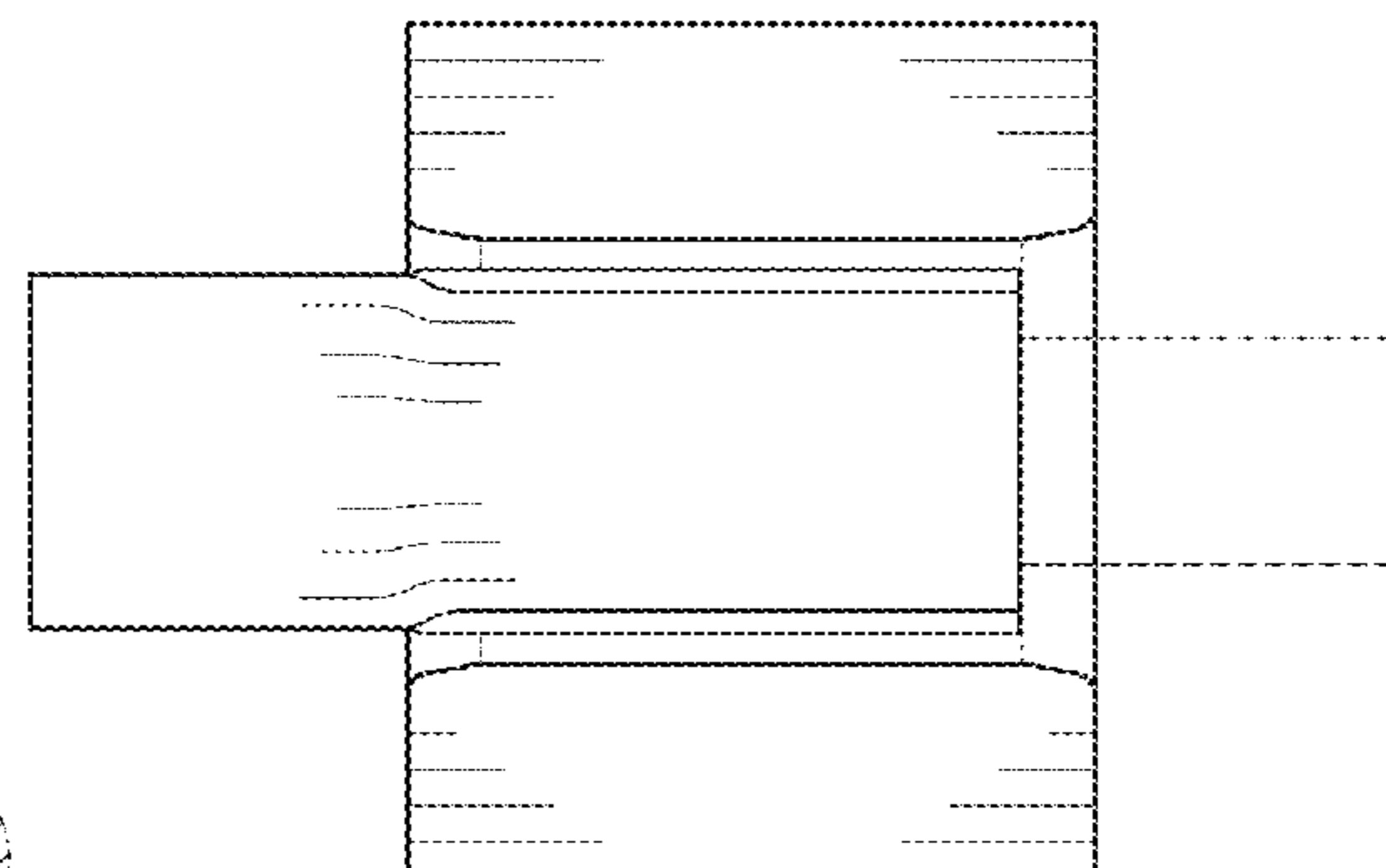
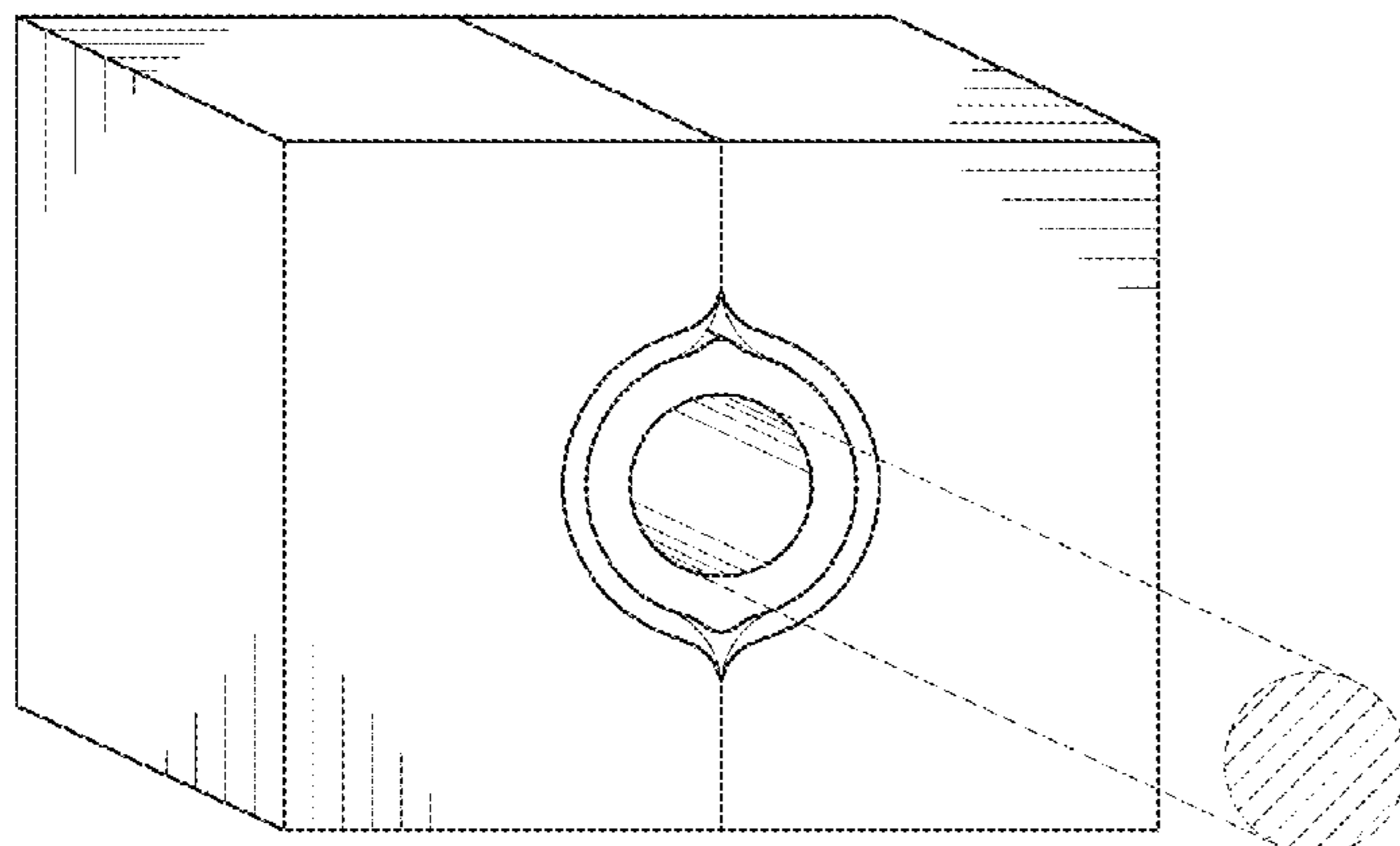
FIG. 4 is a side view with the die side removed for ease of illustration with the view being directed along line 4-4 on FIG. 2 thereof;

FIG. 5 is a side view of a second embodiment thereof; and, FIG. 6 is a side view with the die side removed for ease of illustration with the view being directed along line 6-6 on FIG. 2 thereof.

The broken lines in FIGS. 1-6 illustrate a polymer rebar and form no part of the claimed invention.

The radially compressed tubular sleeves shown in the FIGS. 1-6 have diametrically opposed longitudinally extending ridges formed by the die set.

1 Claim, 3 Drawing Sheets



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FIG. 1

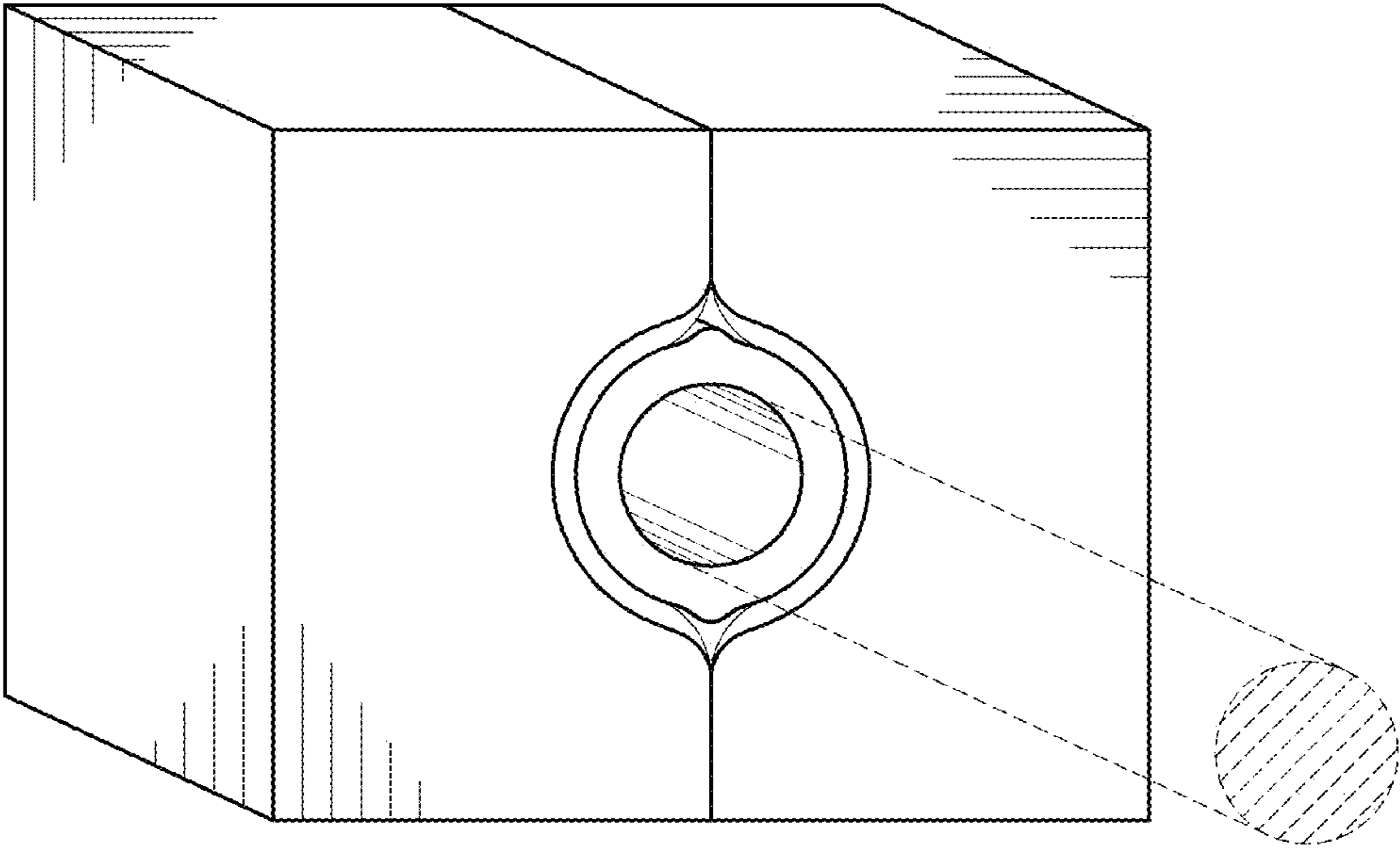


FIG. 2

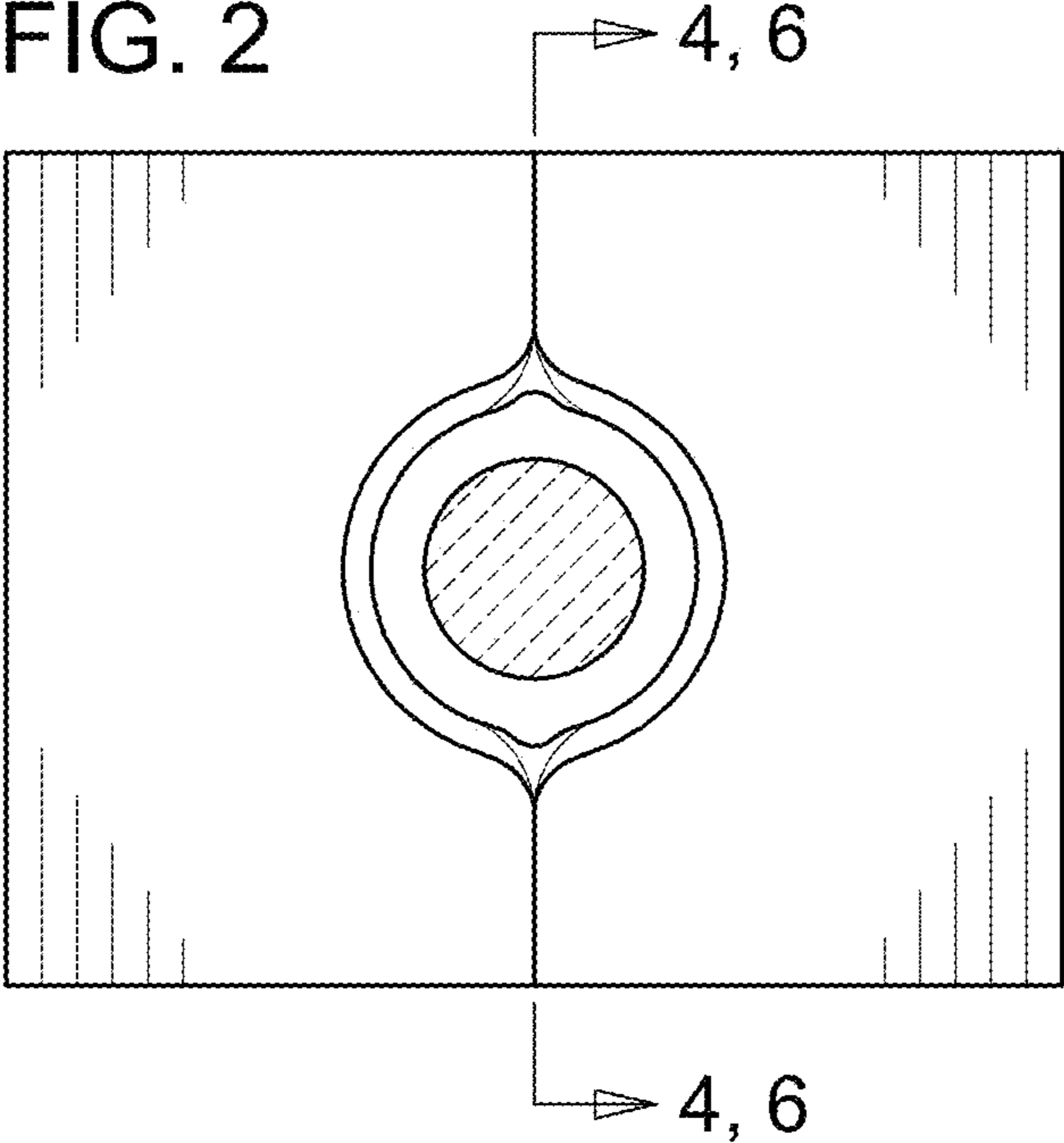


FIG. 3

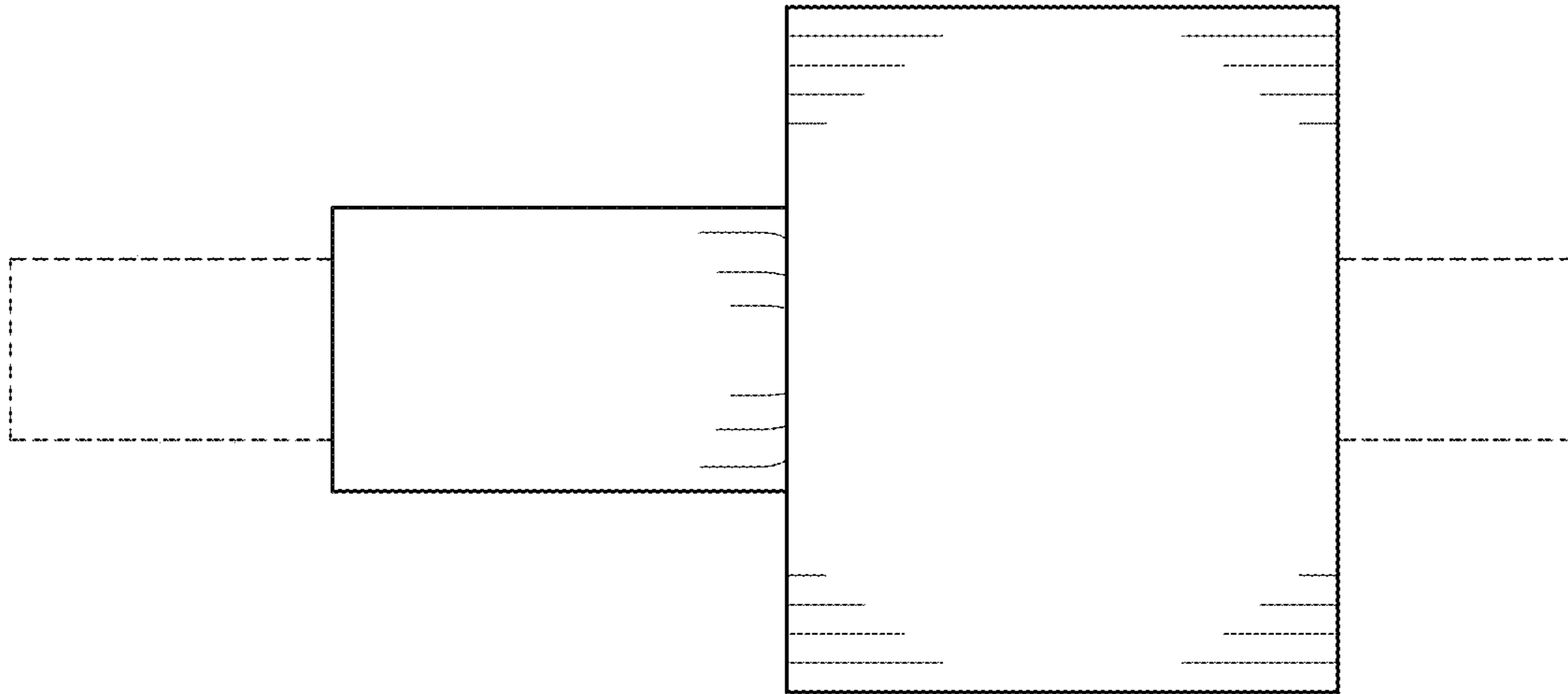


FIG. 4

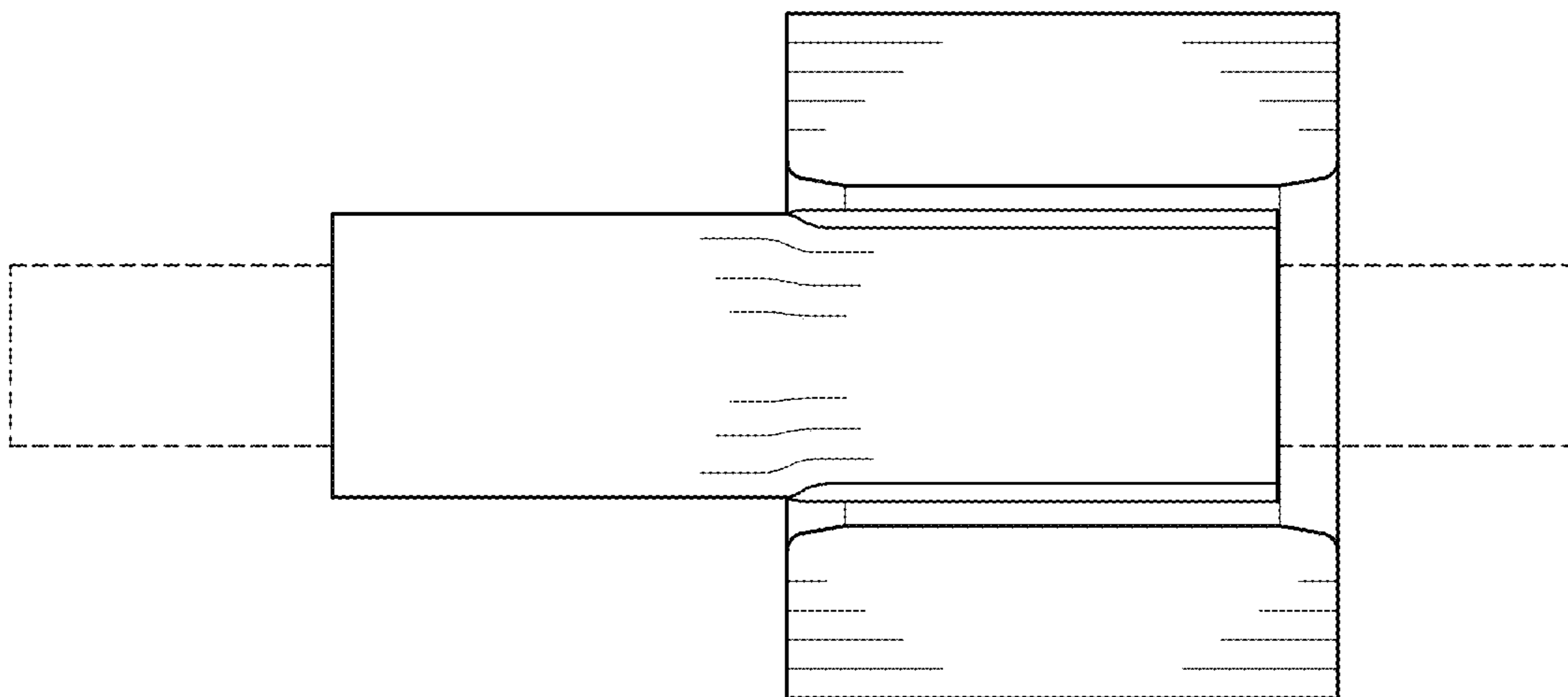


FIG. 5

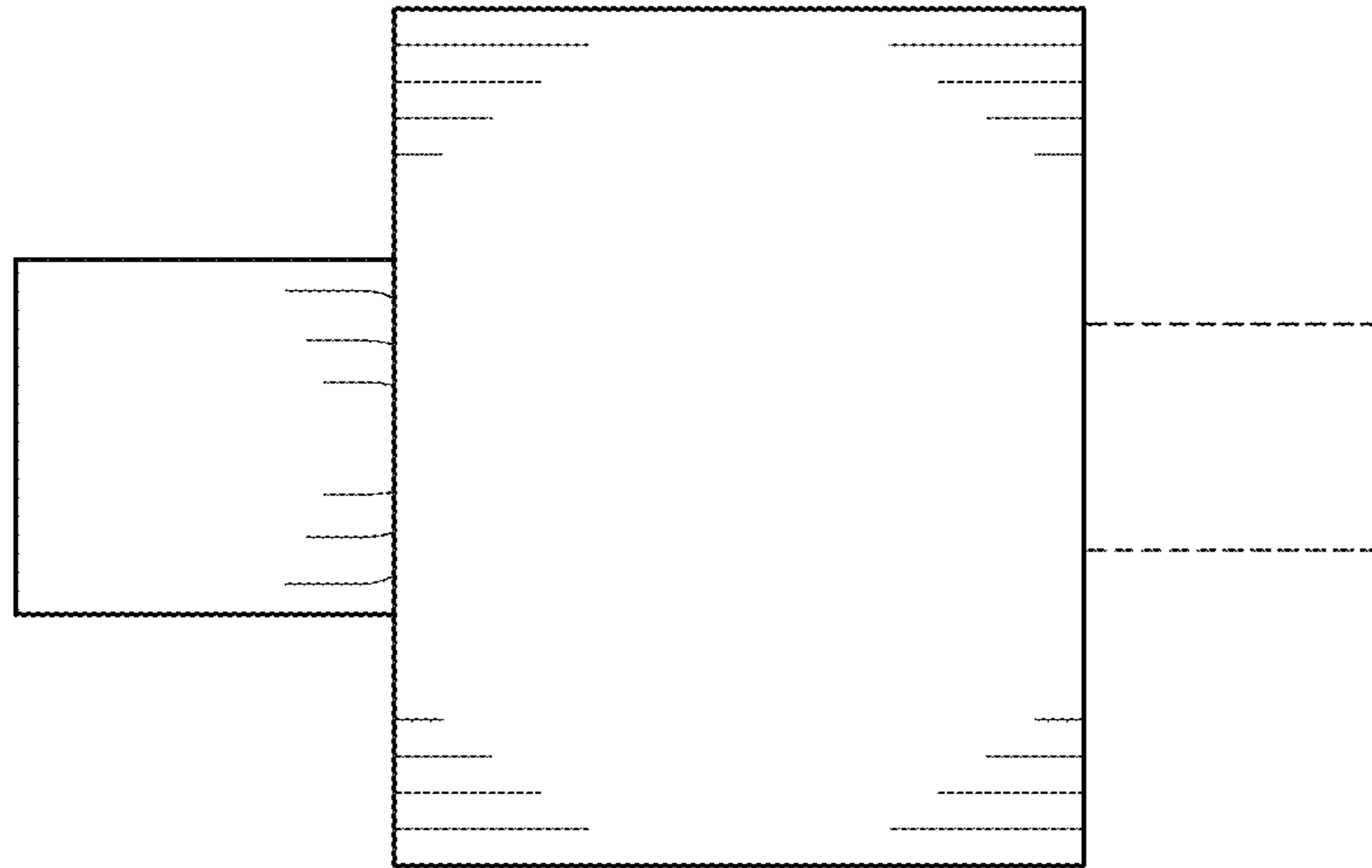


FIG. 6

