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(12) **United States Design Patent** (10) **Patent No.:** **US D888,102 S**  
**O'Hare** (45) **Date of Patent:** **\*\* Jun. 23, 2020**

(54) **FLAT AIR MANIFOLD AND CONNECTOR**

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(57) **CLAIM**

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

The ornamental design of a swivel flat air manifold and connector, as shown and described.

(21) Appl. No.: **29/653,897**

**DESCRIPTION**

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(51) **LOC (12) Cl.** ..... **15-01**

(52) **U.S. Cl.**  
USPC ..... **D15/5**

(58) **Field of Classification Search**

USPC ..... D15/5; D8/349, 382; D13/161;  
D24/133, 222, 233  
CPC ..... H01H 85/20; H01R 31/00  
See application file for complete search history.

FIG. 1 is a top perspective view of the invention.  
FIG. 2 is a top exploded perspective view of the invention.  
FIG. 3 is a top plan view of the invention.  
FIG. 4 is a left side view of the invention.  
FIG. 5 is a front elevation of the invention.  
FIG. 6 is a rear elevation of the invention.  
FIG. 7 is a top elevation of the main body portion of the invention.

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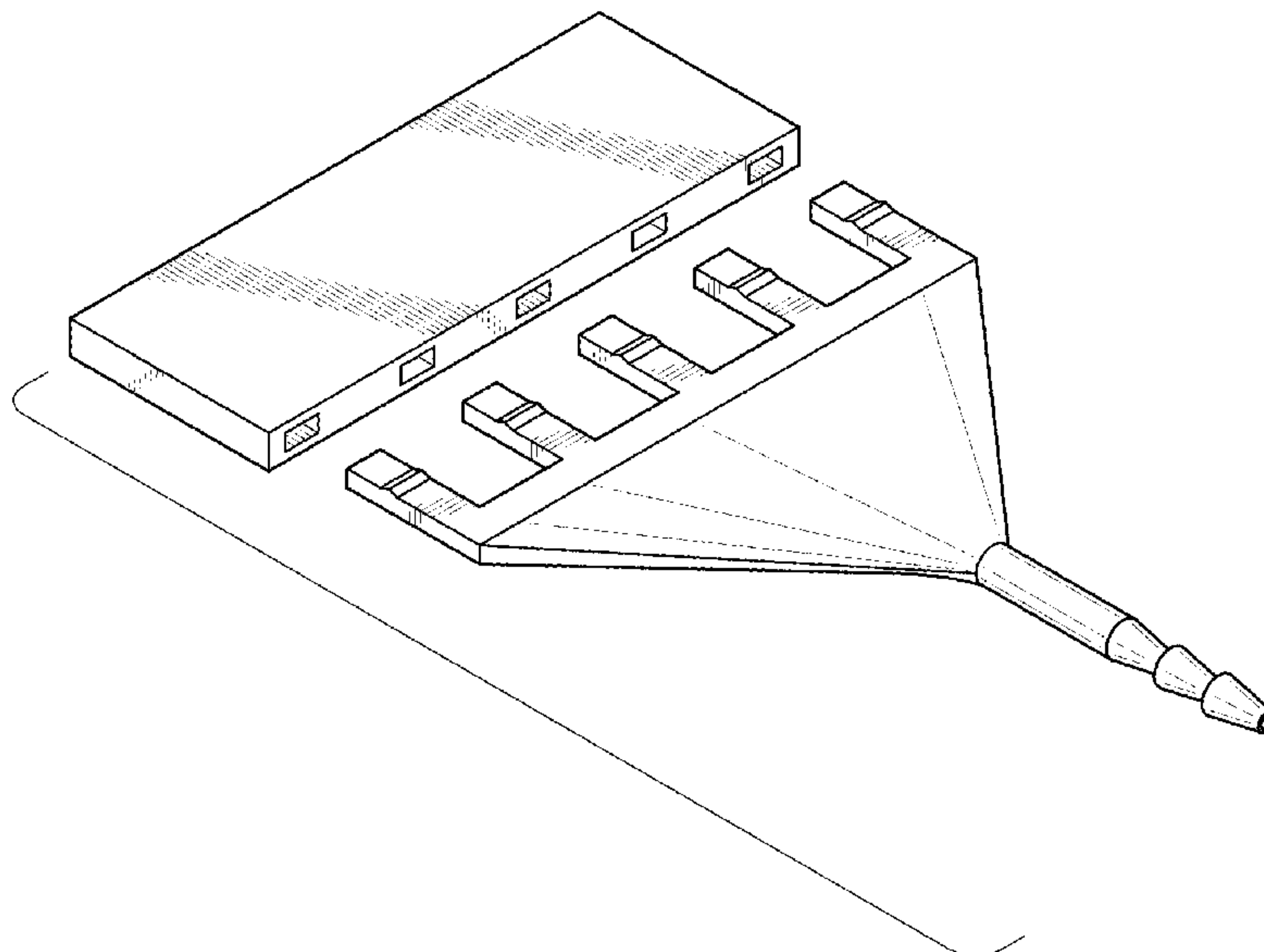
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FIG. 8 is a left side elevation of the main body portion of the invention.  
FIG. 9 is a bottom plan view of the main body portion of the invention.  
FIG. 10 is a front elevation of the main body portion of the invention.  
FIG. 11 is a rear elevation of the main body portion of the invention.  
FIG. 12 is a top plan view of the connector portion of the invention.  
FIG. 13 is a front elevation of the connector portion of the invention.  
FIG. 14 is a rear elevation of the connector portion of the invention; and,  
FIG. 15 is a left side of the connector portion of the invention.

The left and right sides of the invention are mirror images of each other, and thus only the left side views are shown in the drawings. The top and bottom of the assembled invention are identical, and thus only the top view is shown in the drawings.

(Continued)

**1 Claim, 5 Drawing Sheets**



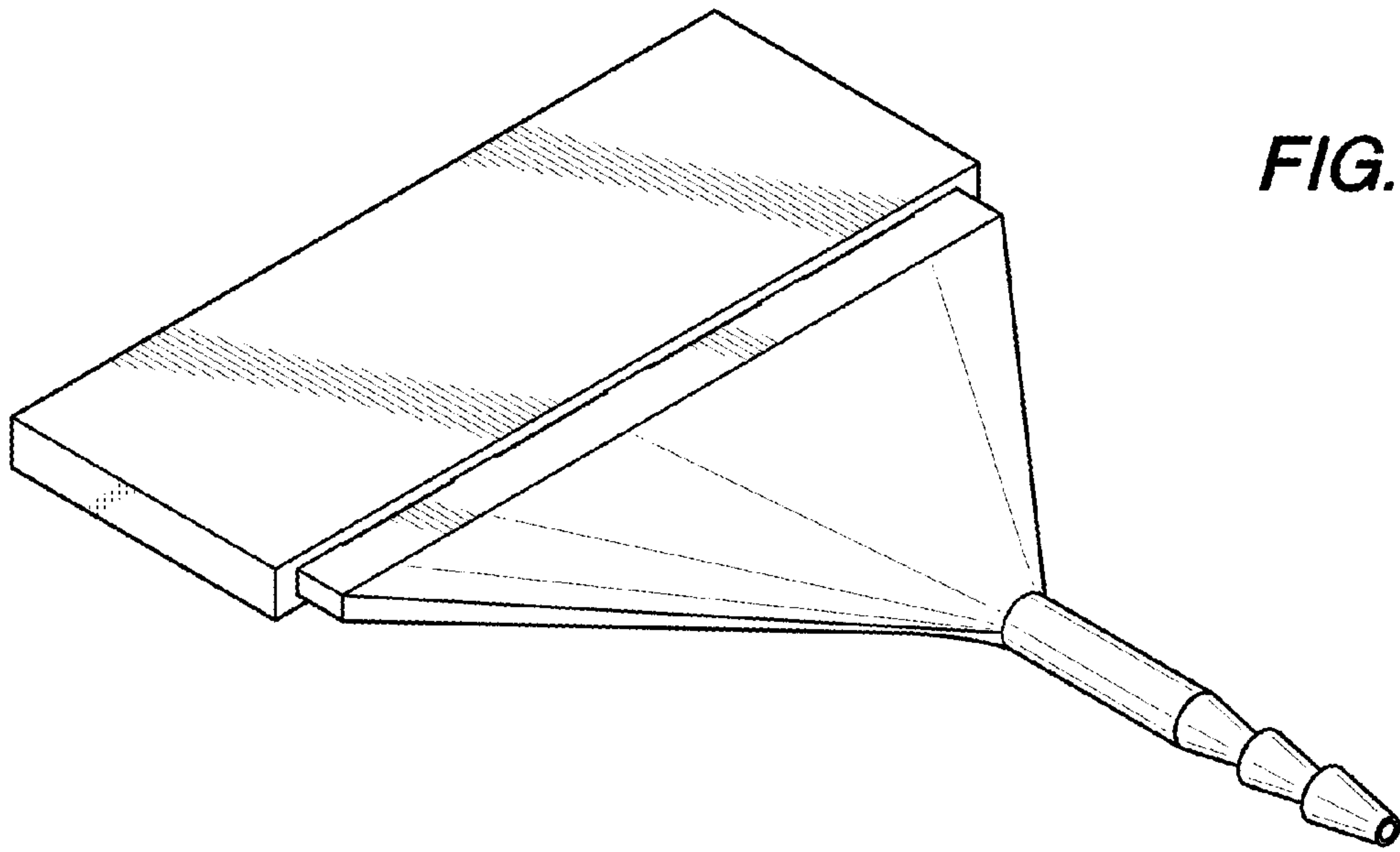
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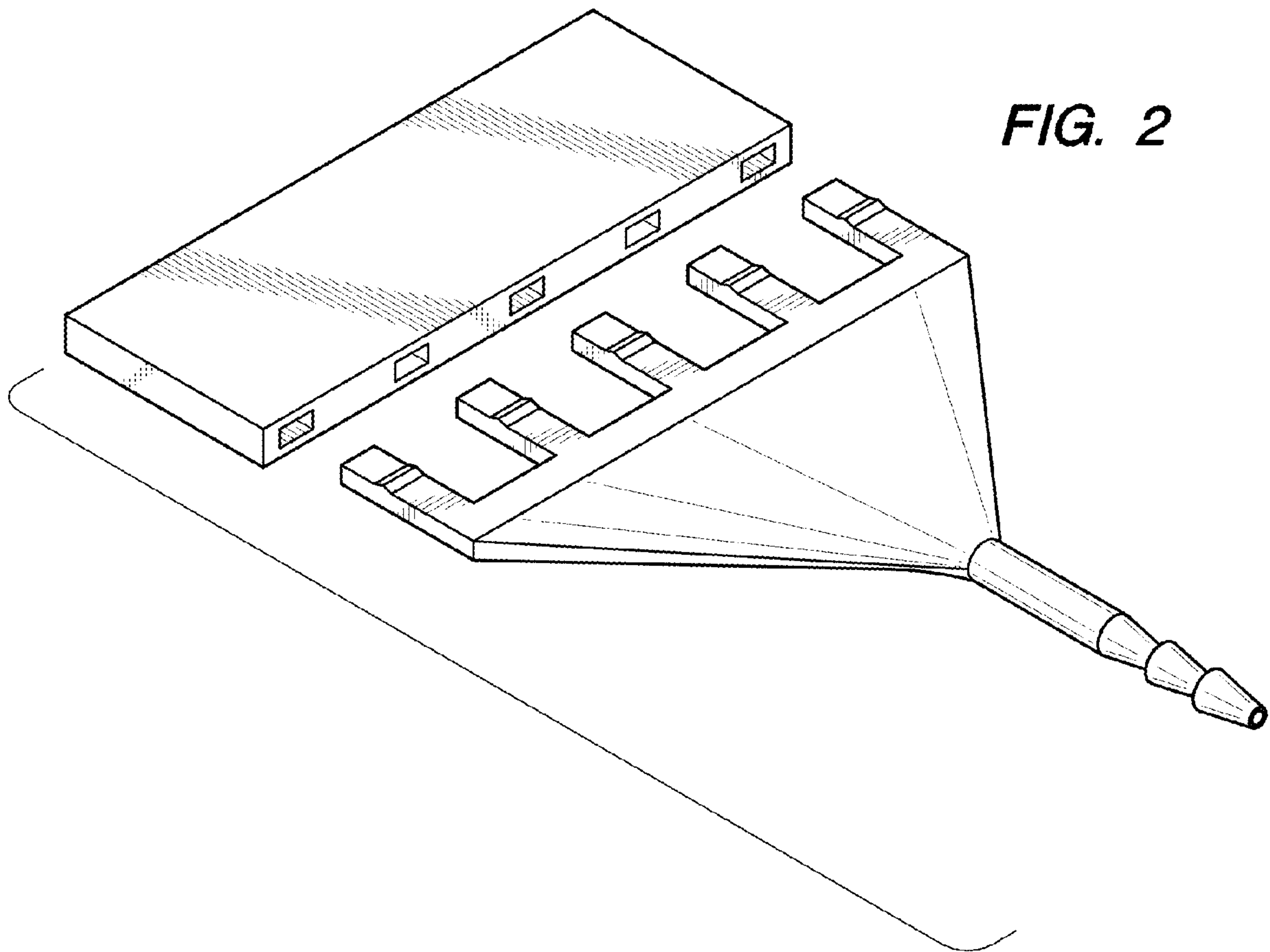
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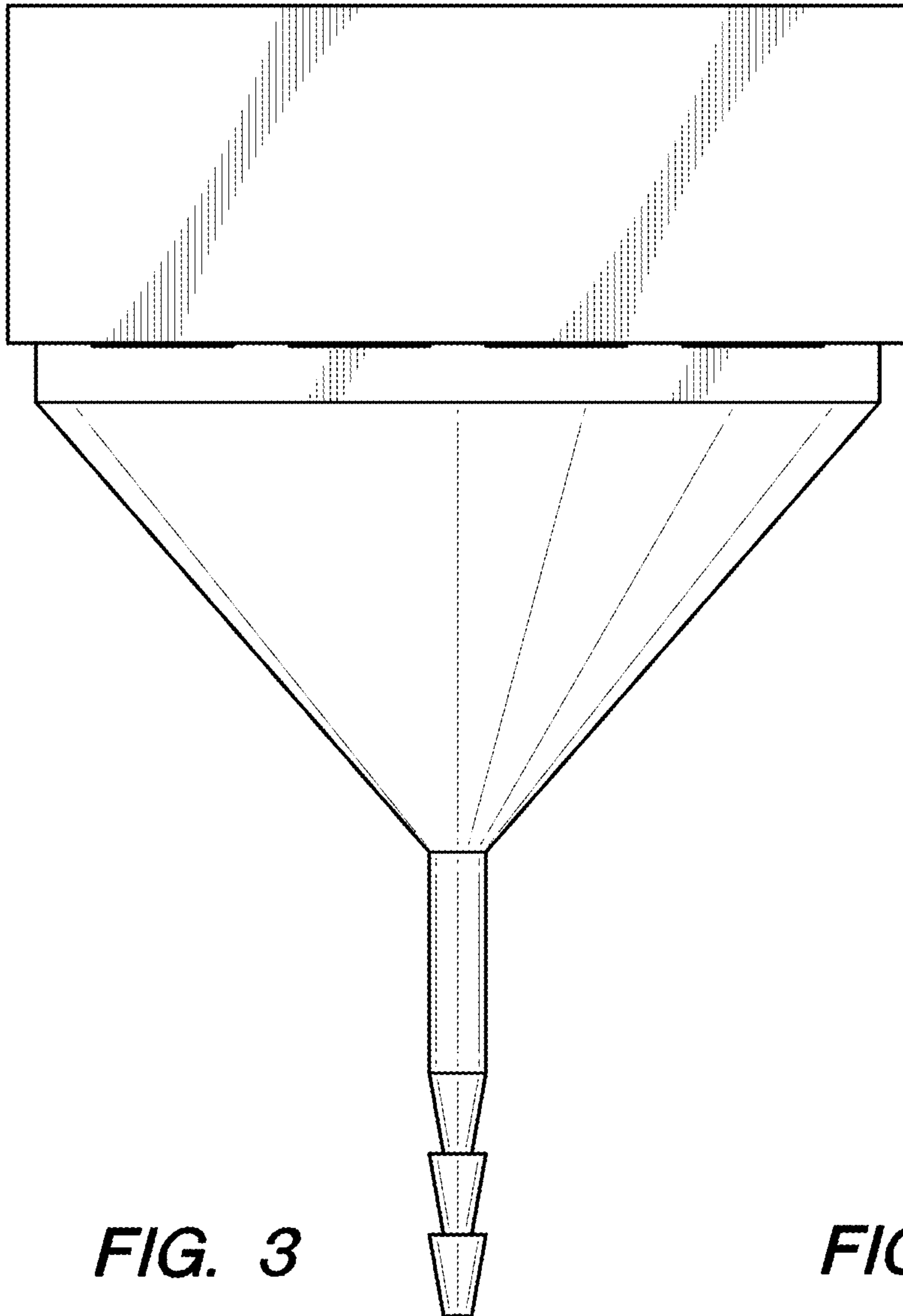
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**FIG. 1**



**FIG. 2**



*FIG. 3*

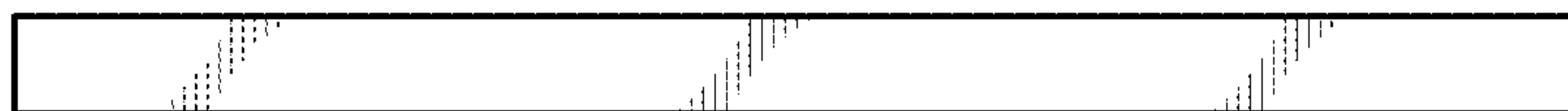


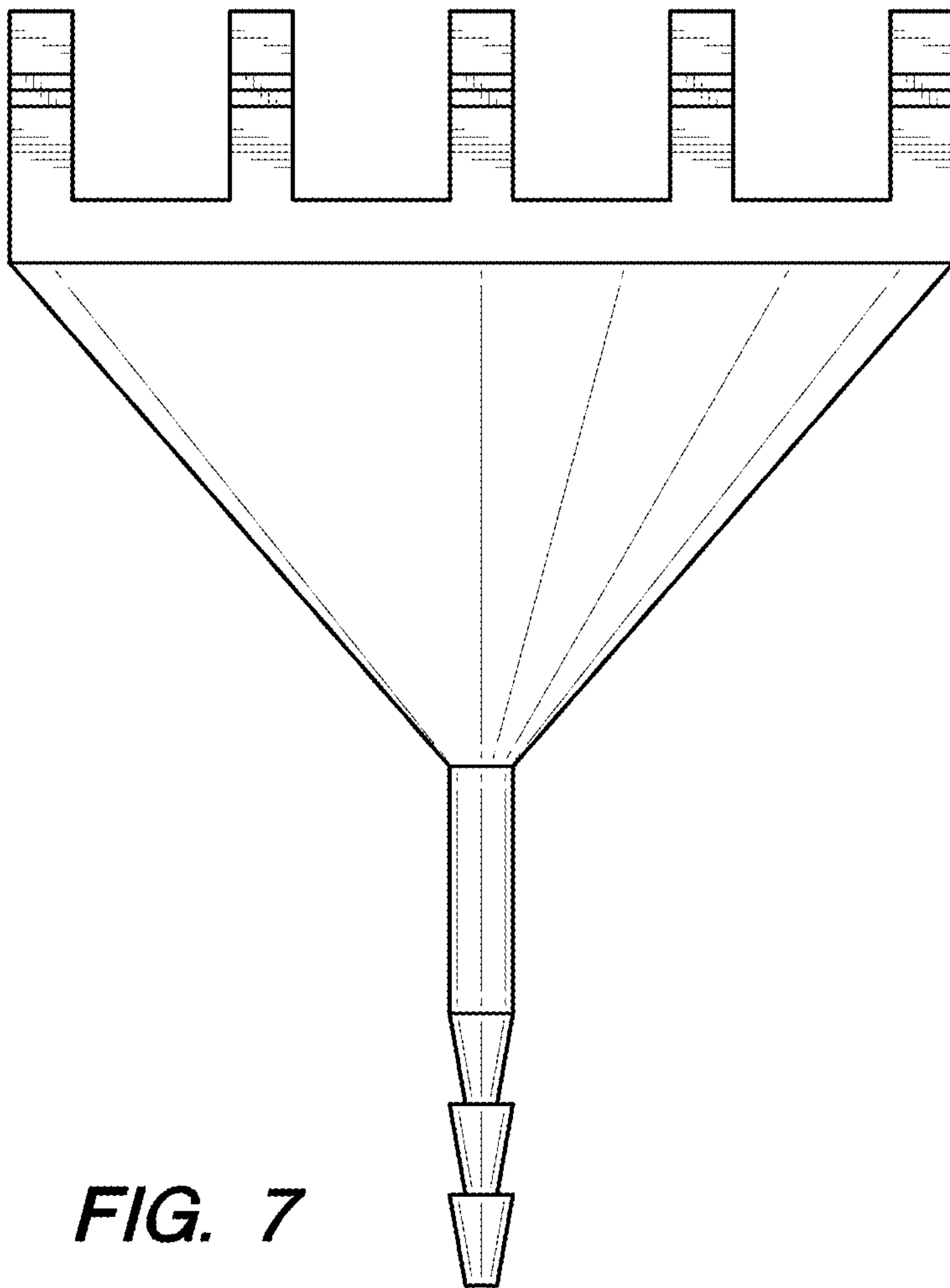
*FIG. 4*

*FIG. 5*



*FIG. 6*



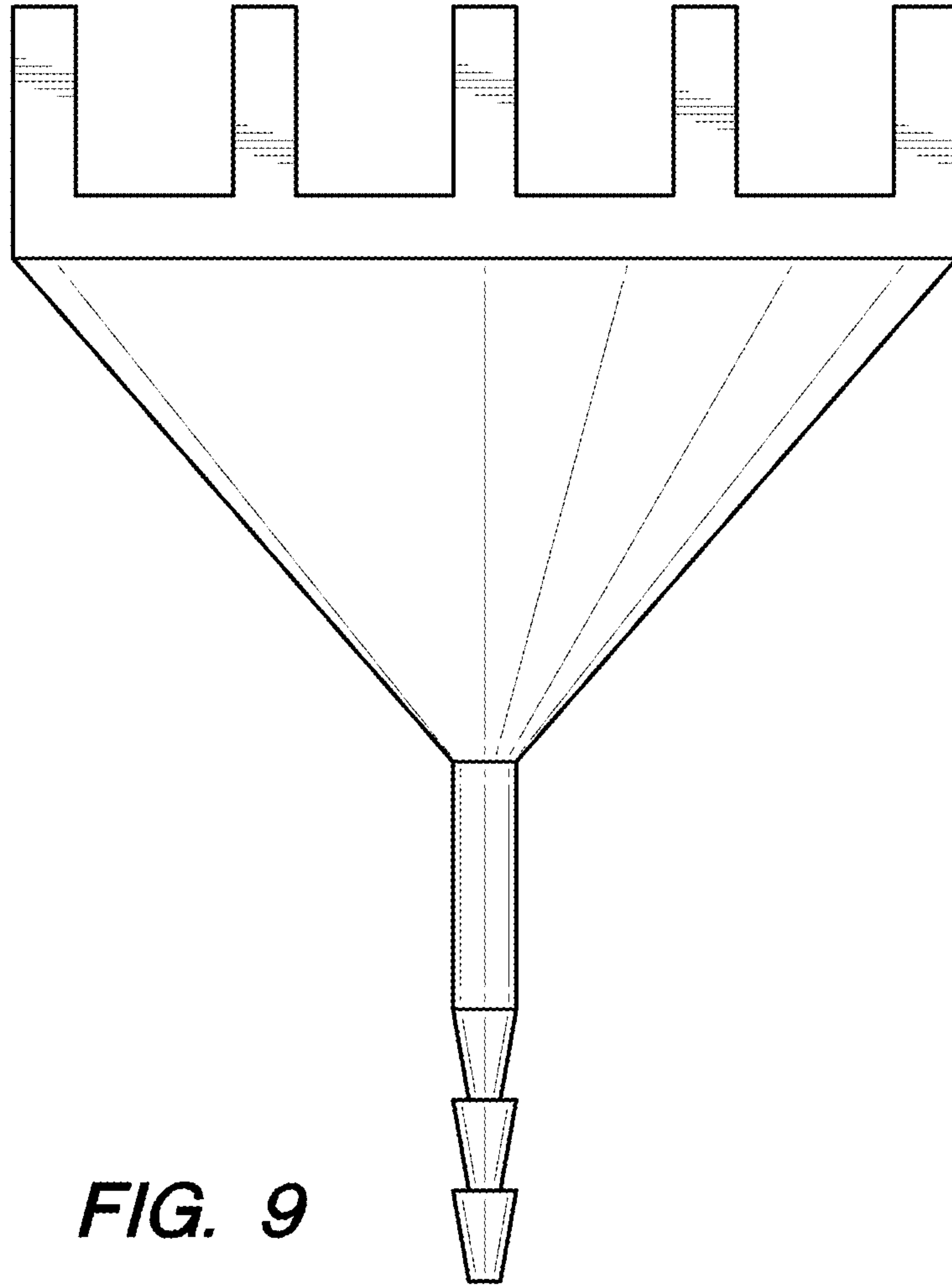


*FIG. 7*



*FIG. 8*





**FIG. 9**

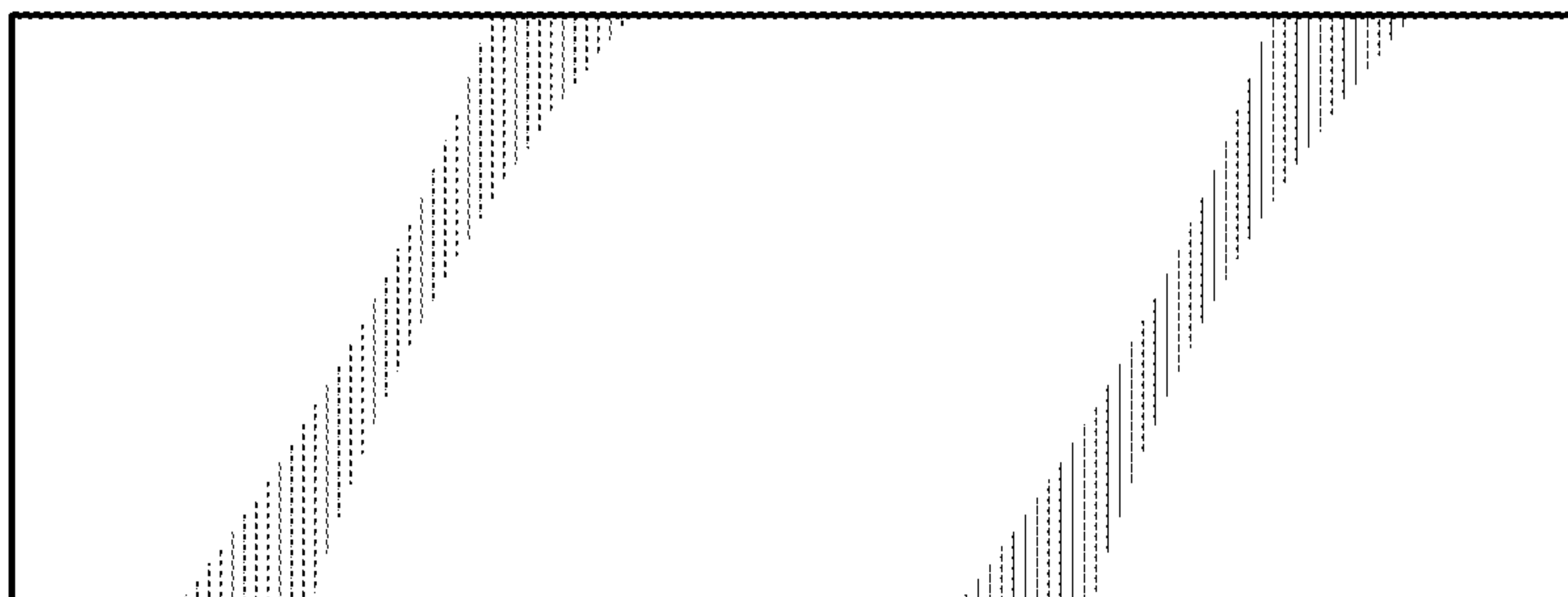
**FIG. 10**



**FIG. 11**



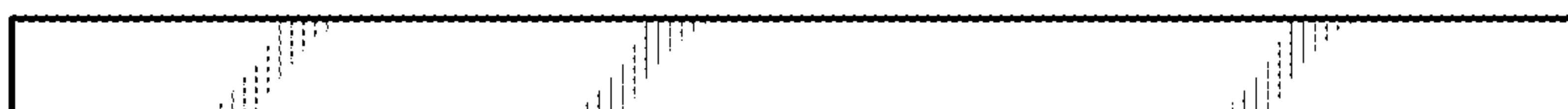
**FIG. 12**



**FIG. 13**



**FIG. 14**



**FIG. 15**

