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

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(54) **SPRING LOADED CIRCUIT CONTACT PIN ASSEMBLY**

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

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

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

(58) **Field of Classification Search**  
USPC ..... D13/101, 112, 118, 122, 133, 146, 147,  
D13/154, 184, 199; D8/349, 354  
CPC ..... H01H 71/08; F42C 11/06; F42C 15/34;  
F42C 19/06; H01R 13/52; H01R 13/73;  
H01R 13/187; H01R 13/422; H01R  
13/2478; H01R 24/46; H01R 24/50  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D369,345 S \* 4/1996 Burroughs ..... D13/133  
D515,910 S \* 2/2006 Gates ..... B60R 9/06  
D8/354

D594,415 S \* 6/2009 Shitakata ..... D13/133  
D642,548 S \* 8/2011 Bowen, III ..... D13/183  
D744,432 S \* 12/2015 Kim ..... D13/154  
D850,383 S \* 6/2019 Kunieda ..... D13/133  
D863,222 S \* 10/2019 Kimmel ..... D13/133  
2007/0020063 A1\* 1/2007 Thompson ..... F16B 37/14  
411/377  
2014/0315427 A1\* 10/2014 Kunieda ..... H01R 13/7033  
439/578  
2015/0133000 A1\* 5/2015 Kim ..... H01R 13/2428  
439/700  
2021/0002981 A1 1/2021 Roessler

\* cited by examiner

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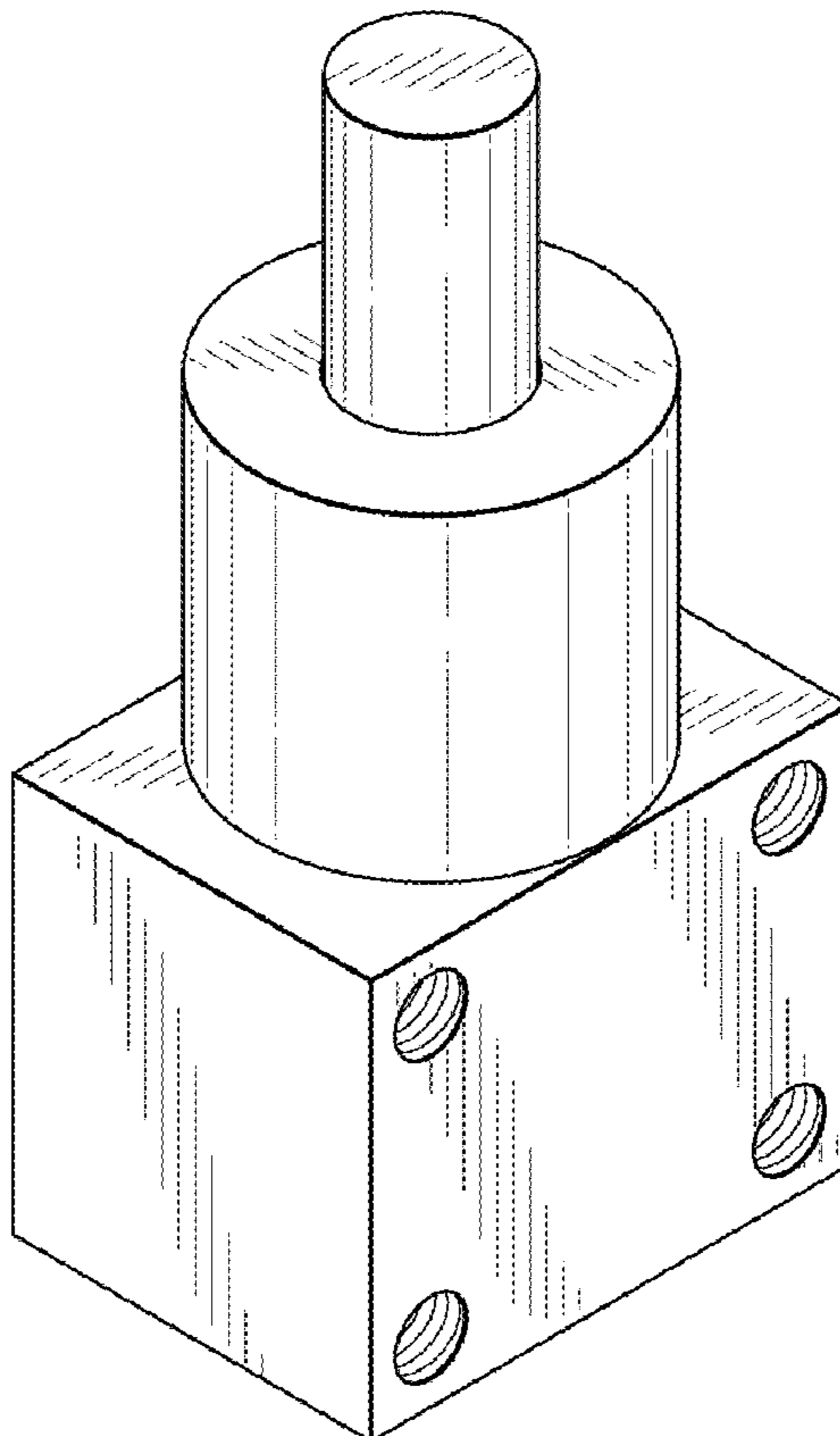
(57) **CLAIM**

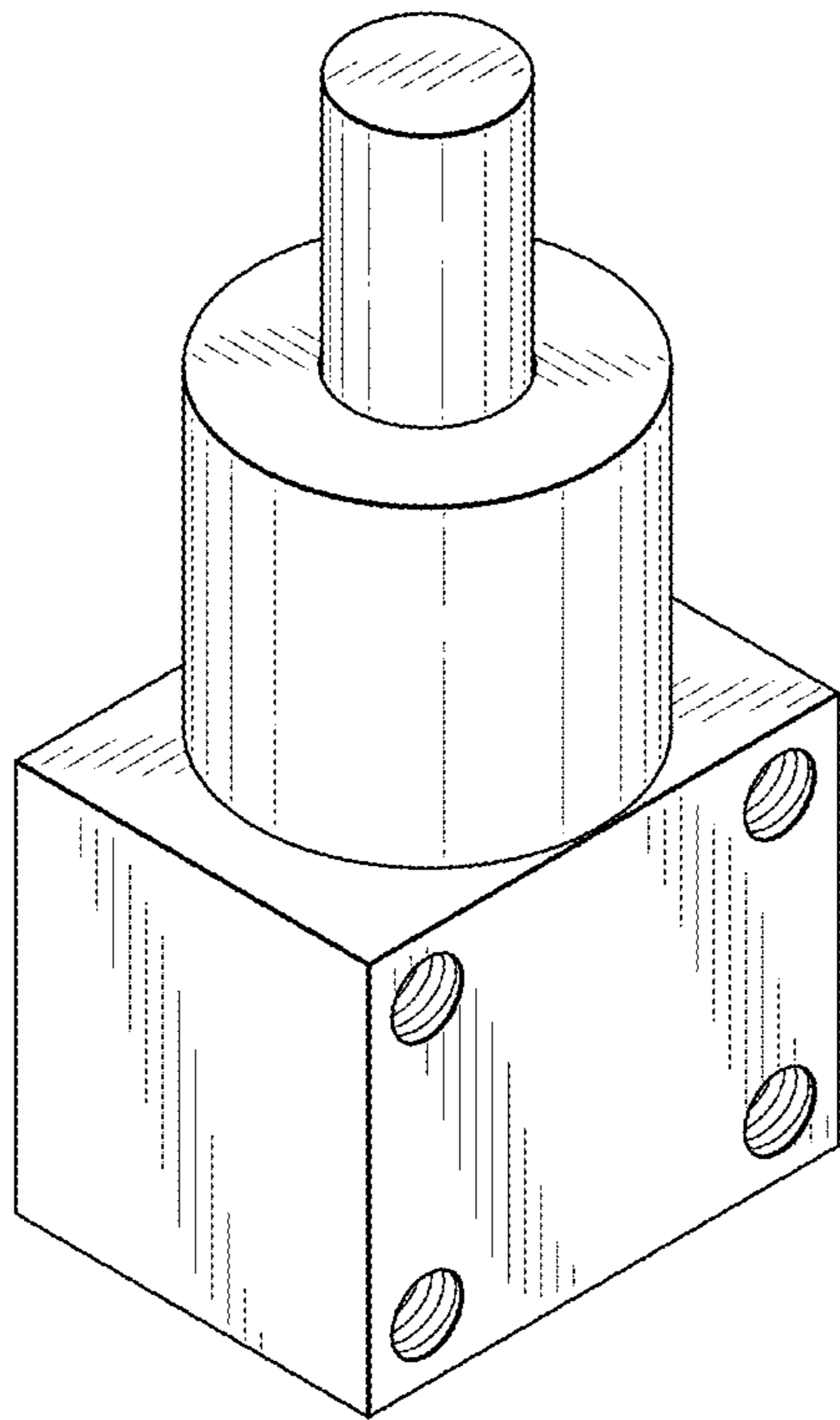
I claim the ornamental design of a spring loaded circuit contact pin assembly, as shown and described.

**DESCRIPTION**

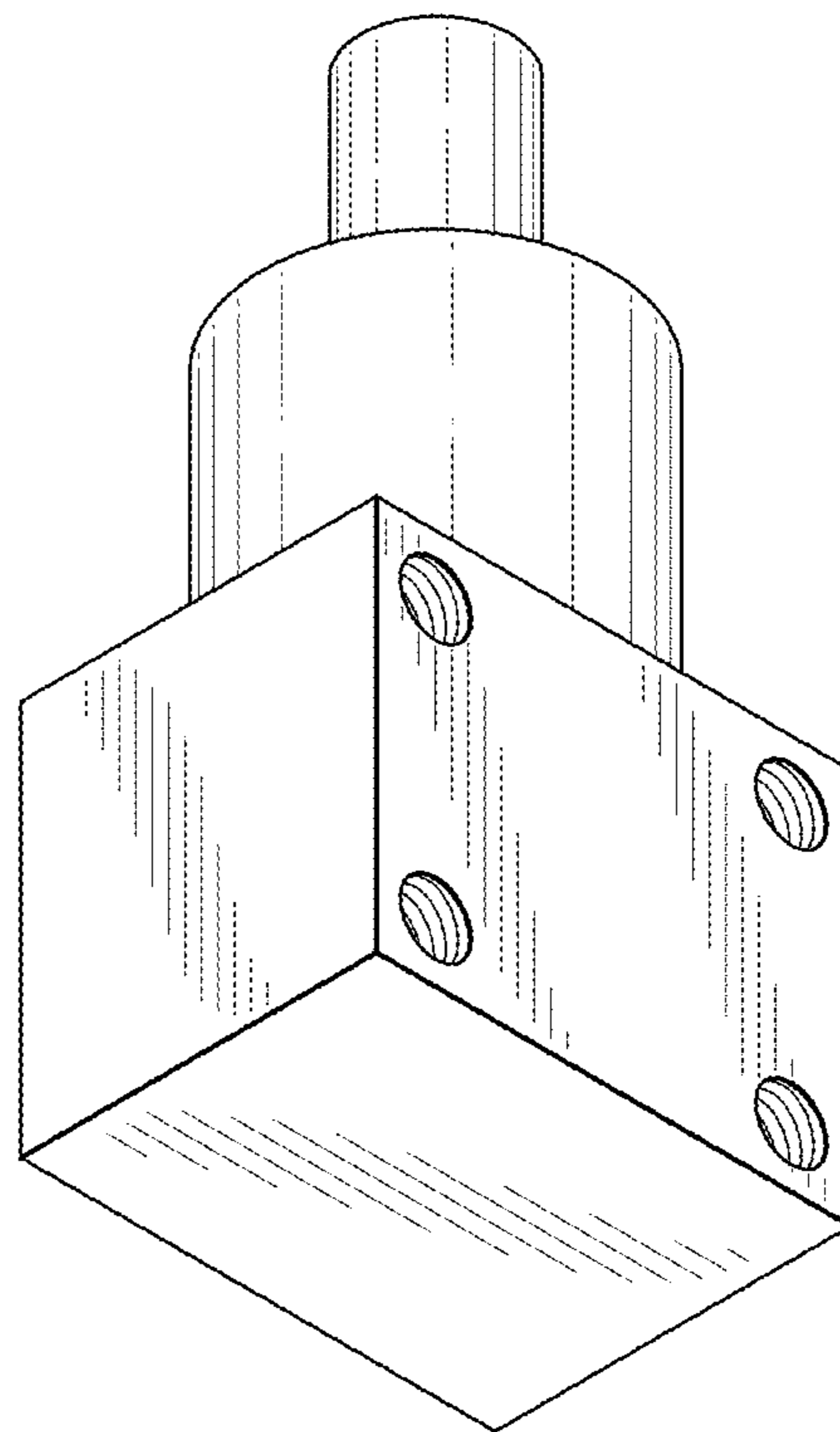
FIG. 1 is a top front perspective view of a spring loaded circuit contact pin assembly, showing my new design; FIG. 2 is a bottom and front perspective view thereof; FIG. 3 is a front elevation view thereof; FIG. 4 is a rear elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a right side elevation view thereof; FIG. 7 is a top plan view thereof; and, FIG. 8 is a bottom plan view thereof.

**1 Claim, 4 Drawing Sheets**

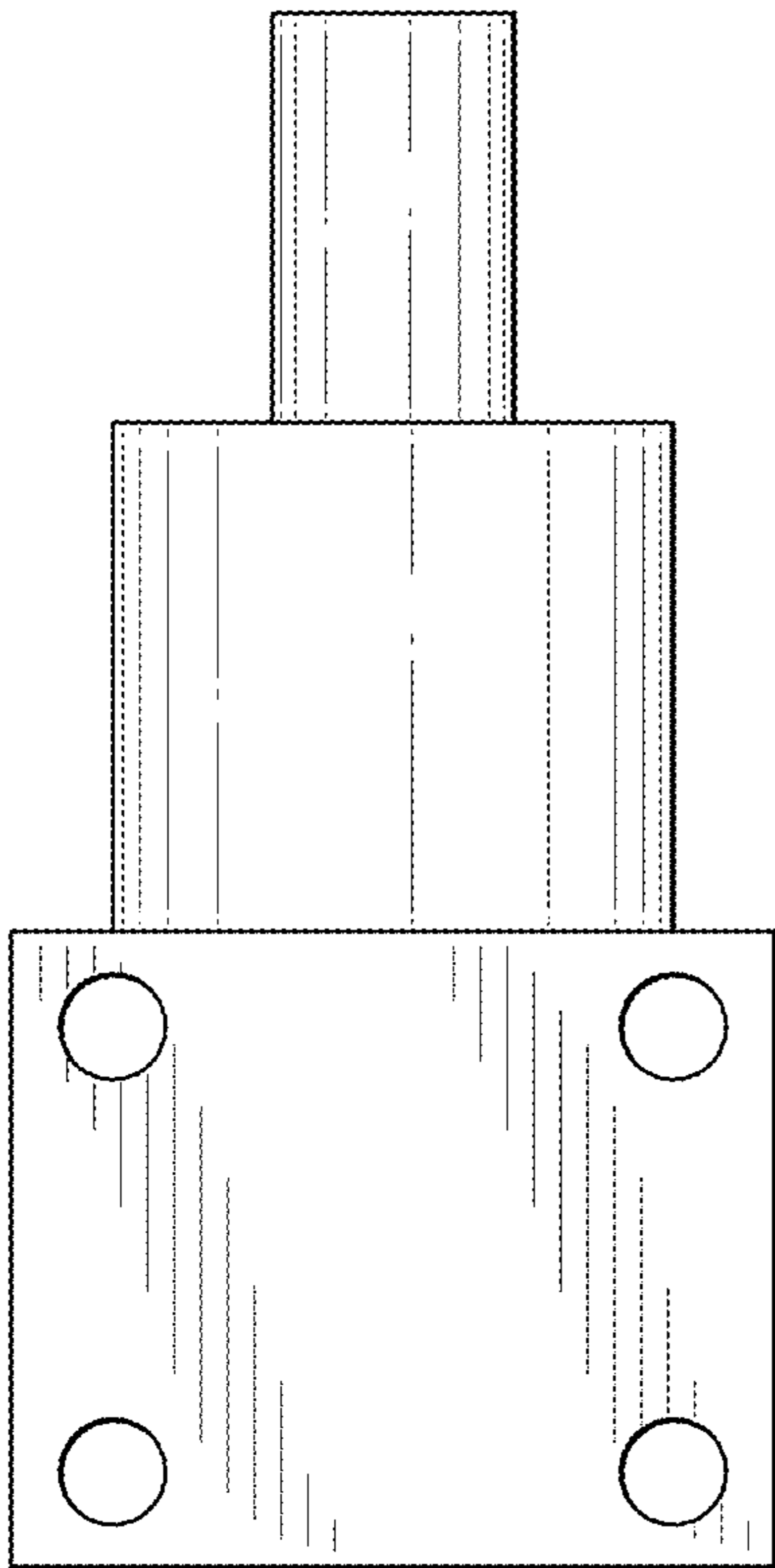




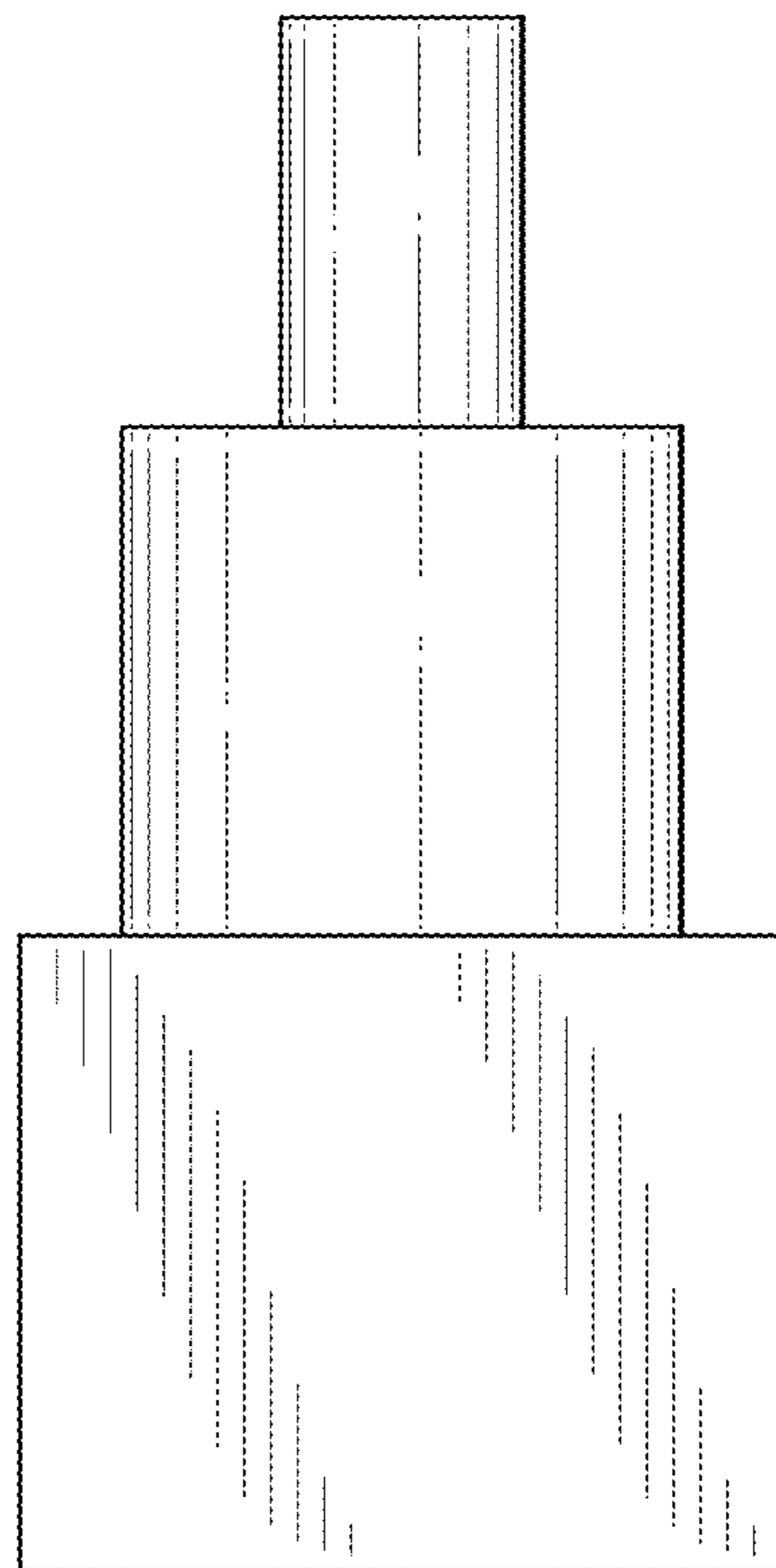
**FIG. 1**



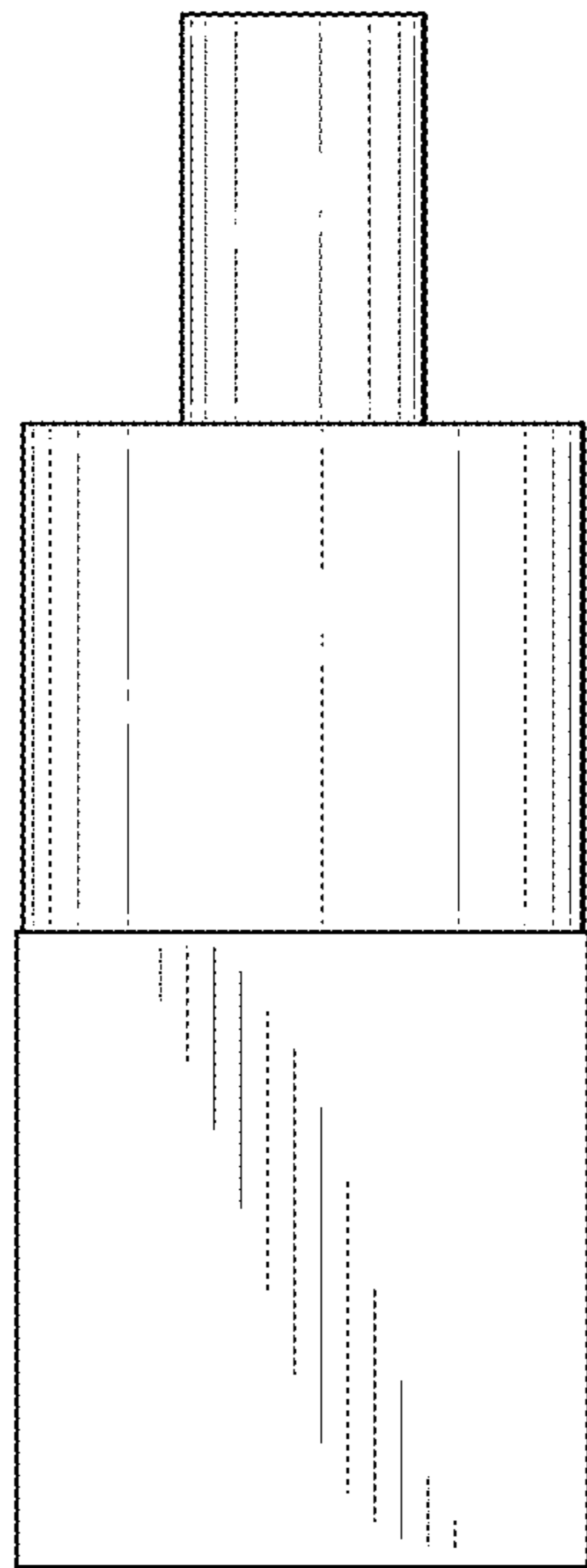
**FIG. 2**



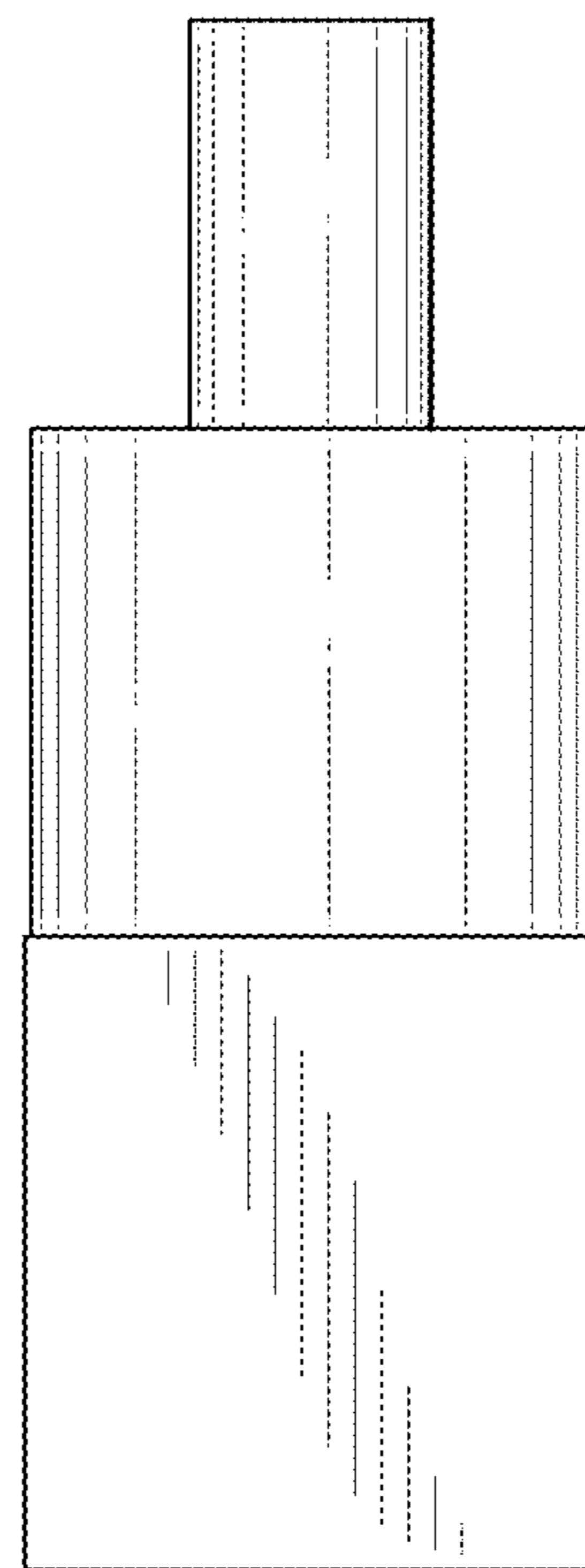
**FIG. 3**



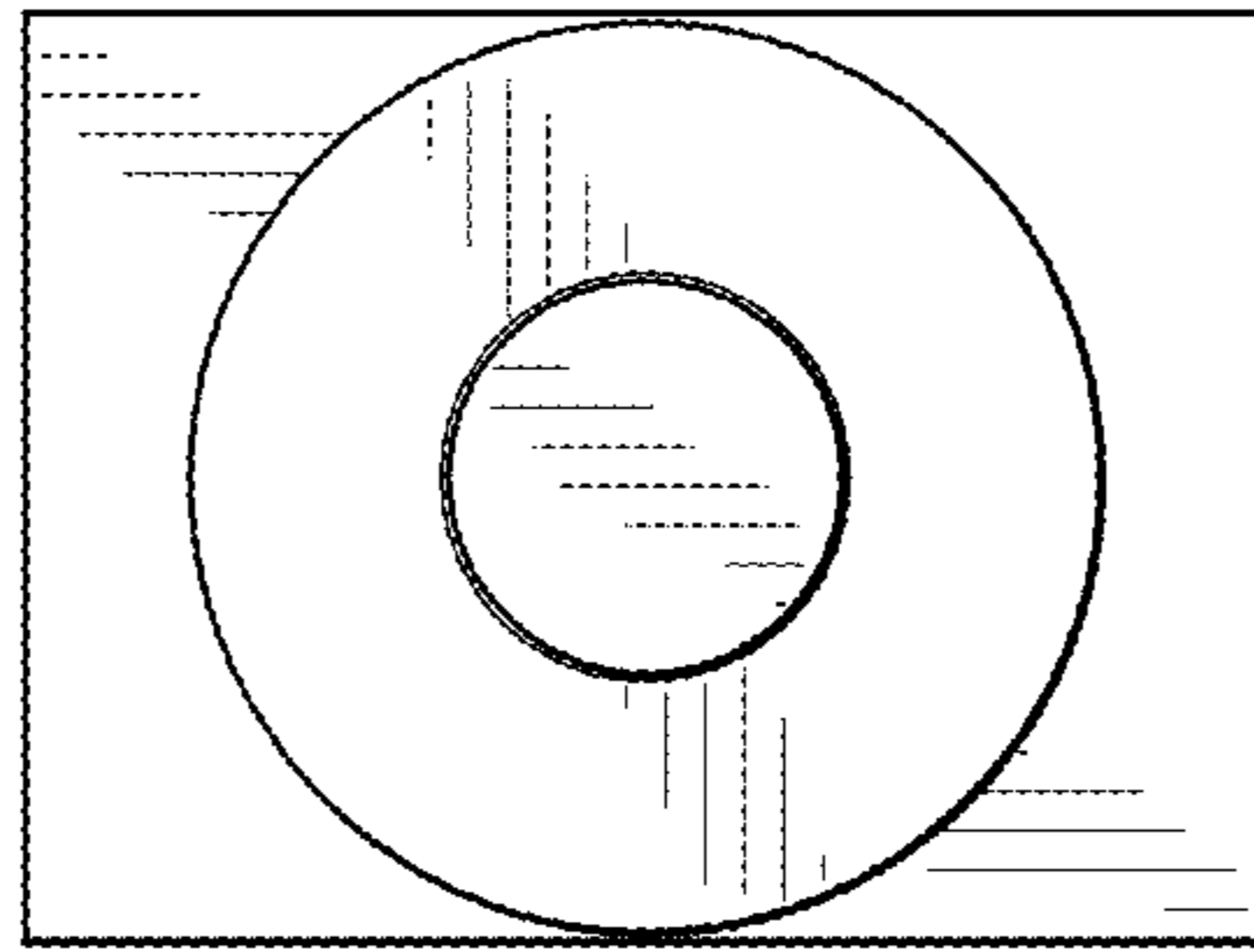
**FIG. 4**



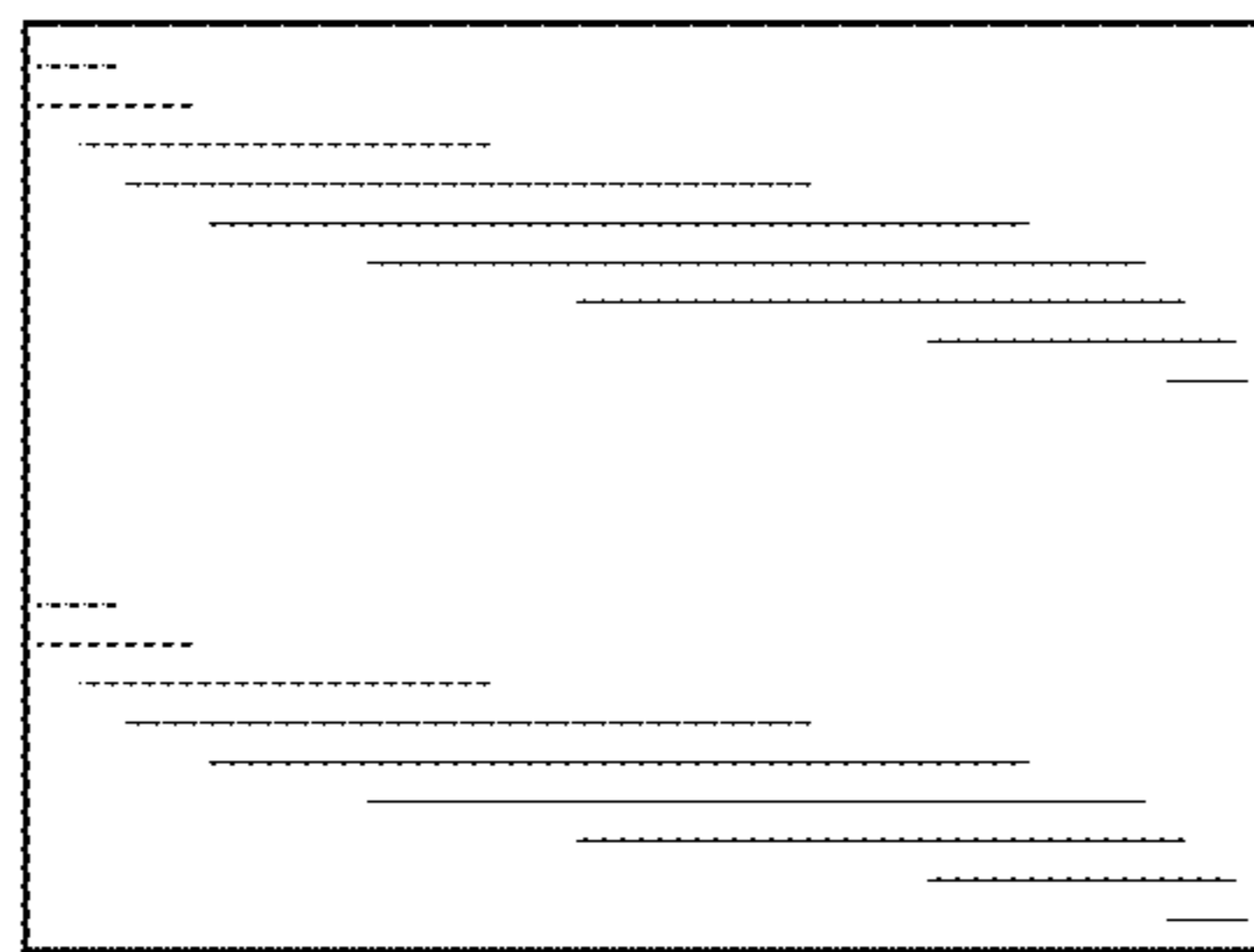
**FIG. 5**



**FIG. 6**



**FIG. 7**



**FIG. 8**