



US00D785686S

(12) **United States Design Patent** (10) **Patent No.:** **US D785,686 S**  
**Gong** (45) **Date of Patent:** \*\* **May 2, 2017**

(54) **DUAL ACTUATOR FOR ELECTRICAL BED USE**

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

(21) Appl. No.: **29/535,476**

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(30) **Foreign Application Priority Data**

Jul. 21, 2015 (CN) ..... 2015 3 0263644

(51) **LOC (10) Cl.** ..... **15-09**

(52) **U.S. Cl.**

USPC ..... **D15/148**

(58) **Field of Classification Search**

USPC ..... D13/118, 158, 162, 184; D15/1-5, 7, 9, D15/143, 148, 149, 199

CPC ..... F16H 25/20; F16H 25/2021; F16H 2025/2065; F16H 2025/2081; F16H 2025/2087; Y10T 74/18752; Y10T 74/18056; Y10T 74/18576; Y10T 74/18688; Y10T 74/18696

See application file for complete search history.

(56)

**References Cited**

**U.S. PATENT DOCUMENTS**

D340,938 S \* 11/1993 Spaggiari ..... D15/199  
D358,824 S \* 5/1995 Finkemeyer ..... D15/143  
6,478,269 B2 \* 11/2002 Forsberg ..... A47B 9/00  
108/147.19  
D702,271 S \* 4/2014 Lin ..... D15/143  
D702,744 S \* 4/2014 Lin ..... D15/143  
D708,239 S \* 7/2014 Lin ..... D15/143  
D719,595 S \* 12/2014 Landerholm ..... D15/143  
9,312,738 B2 \* 4/2016 Winther  
D763,934 S \* 8/2016 Landerholm ..... D15/143  
D767,656 S \* 9/2016 Wu ..... D15/143  
2006/0279143 A1 \* 12/2006 Platz ..... A47B 9/04  
310/51

\* cited by examiner

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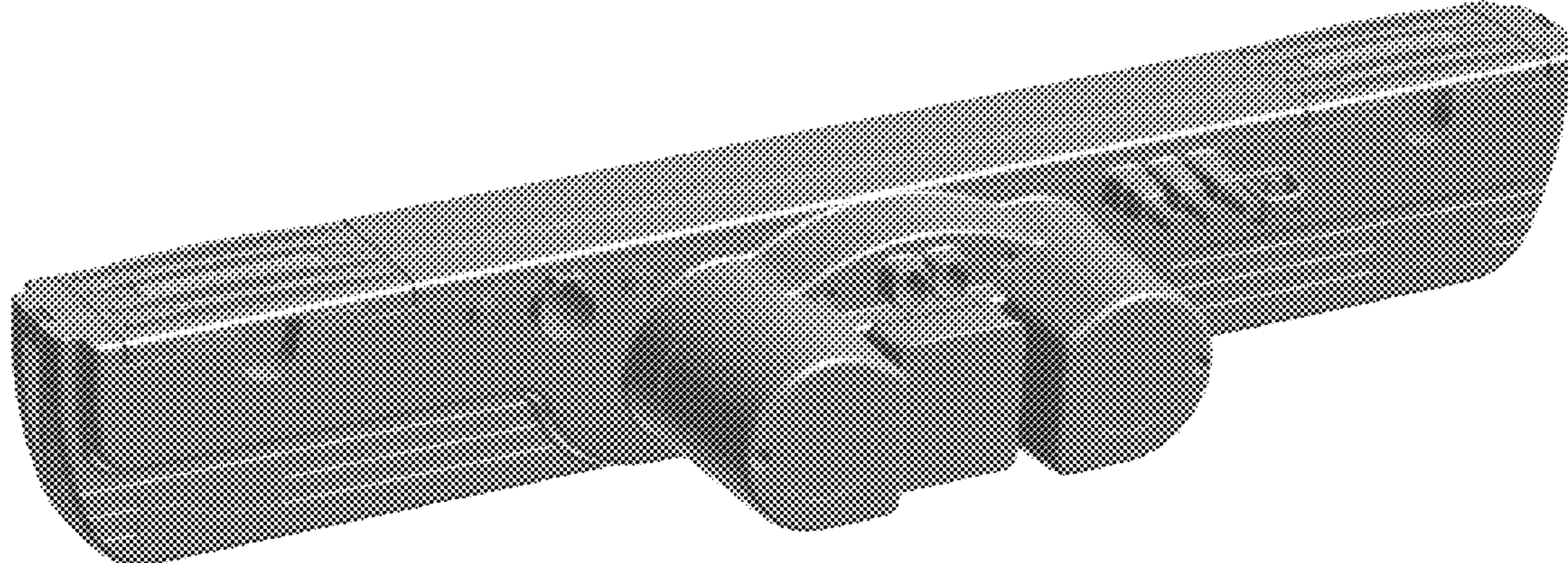
(57) **CLAIM**

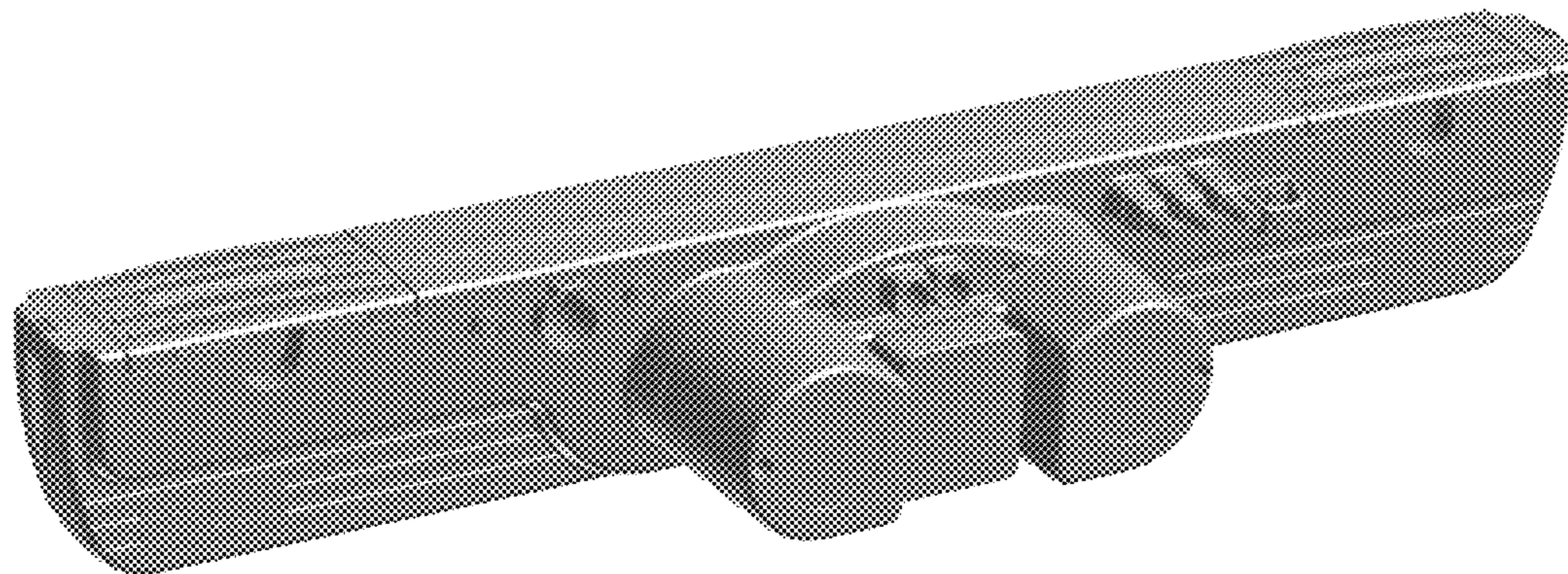
The ornamental design for a dual actuator for electrical bed use, as shown and described.

**DESCRIPTION**

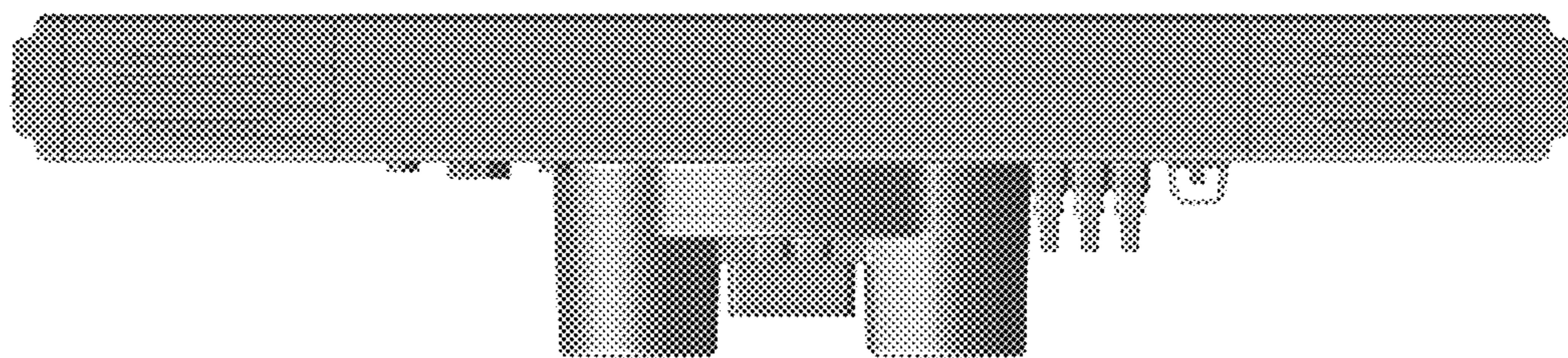
FIG. 1 is a perspective view of a dual actuator for electrical bed use showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 4 Drawing Sheets**

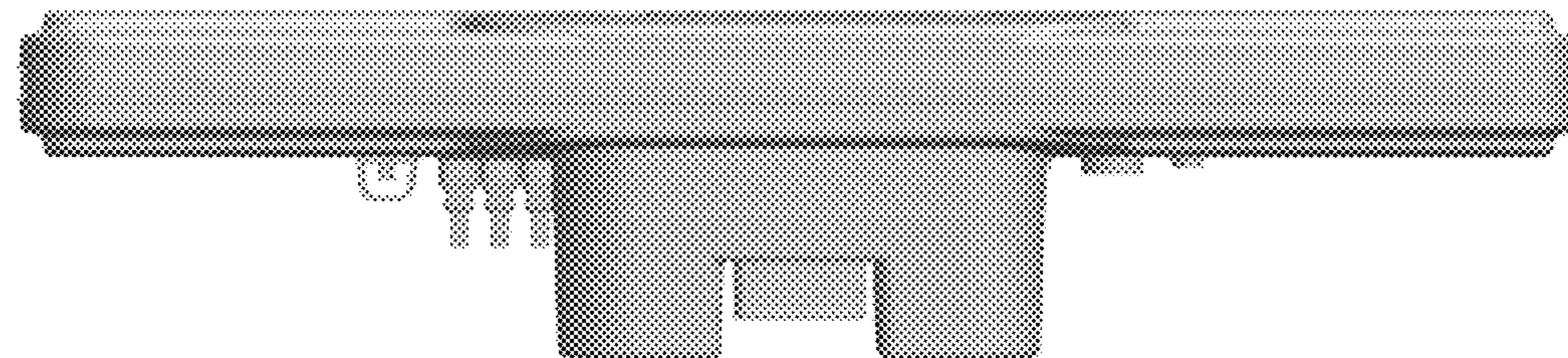




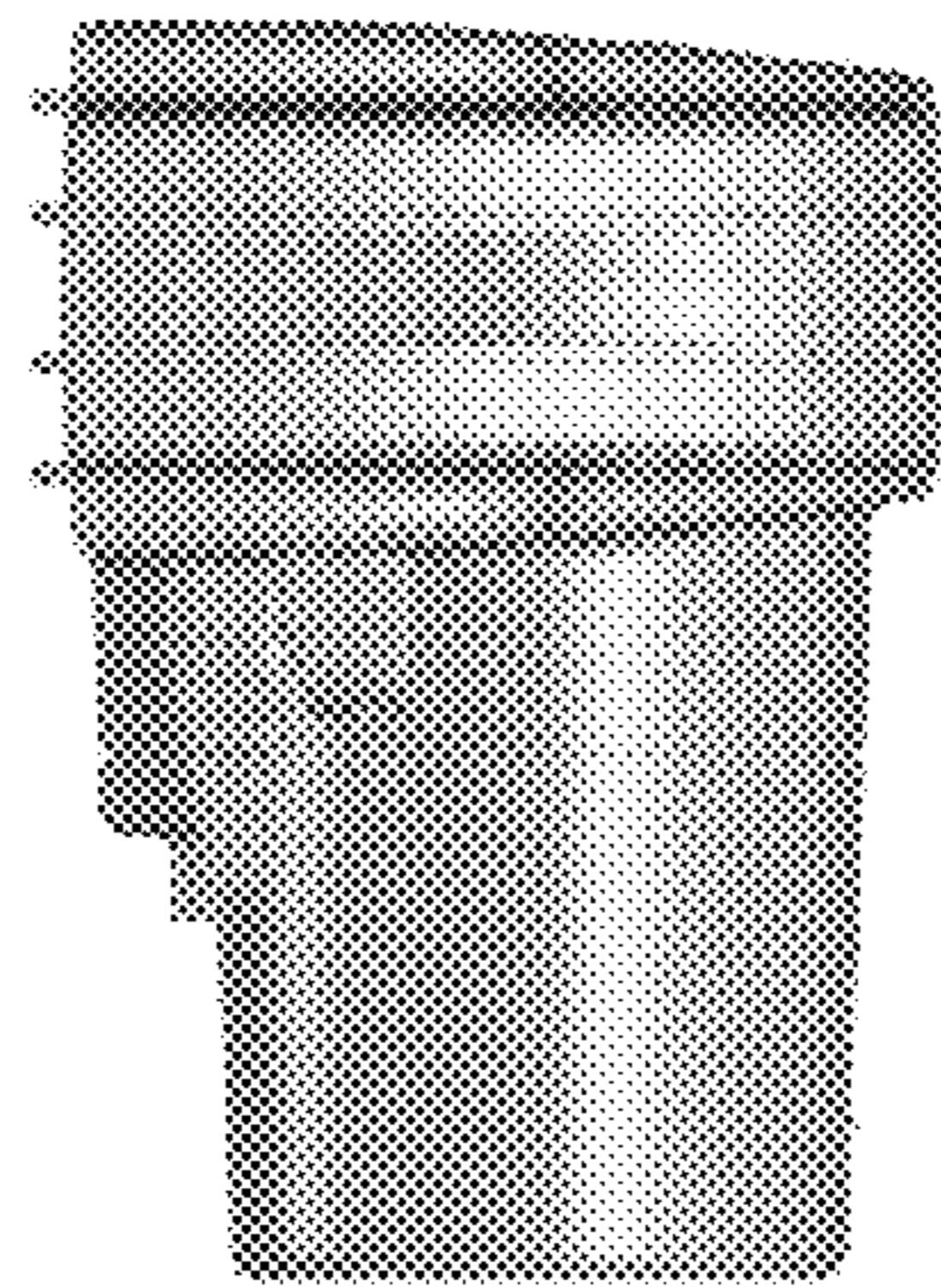
**FIG. 1**



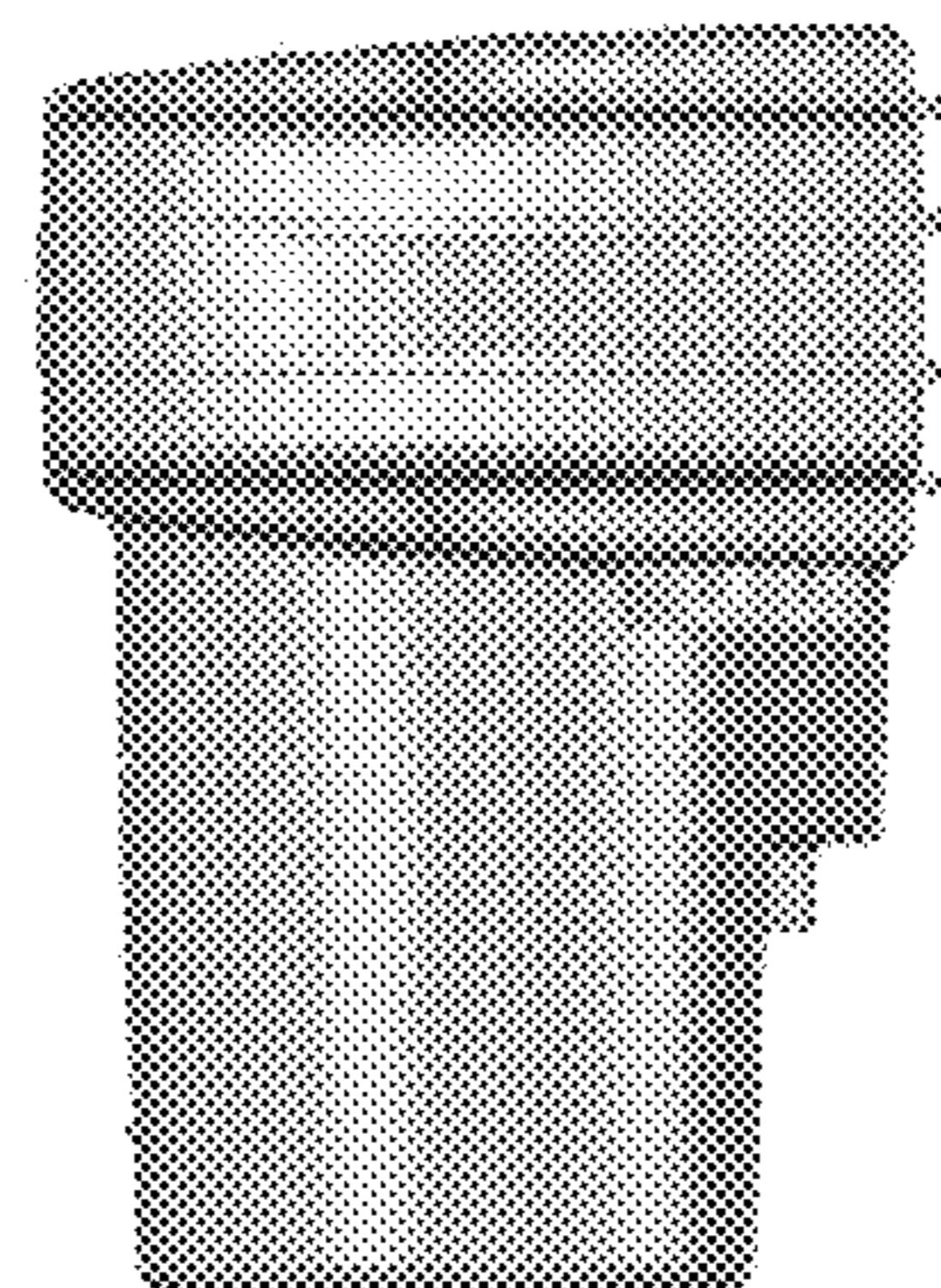
**FIG. 2**



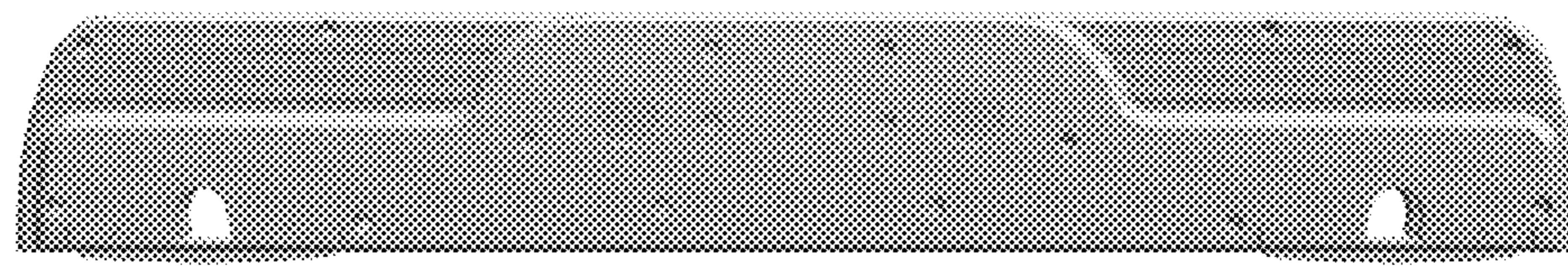
**FIG. 3**



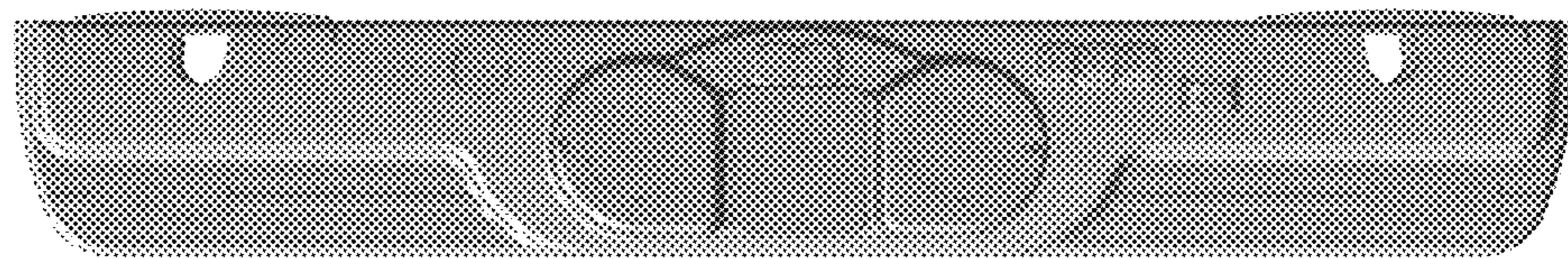
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**