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

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(45) **Date of Patent:** **\*\* Oct. 4, 2022**

(54) **ANAEROBIC DIGESTER FOR TREATMENT OF FOOD WASTE**

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(72) Inventor: **Kieran Alan Coffey**, Clonakilty (IE)

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

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(52) **U.S. Cl.**  
USPC ..... **D13/101**

(58) **Field of Classification Search**  
USPC ..... D13/101, 110; D30/161; D15/7;  
D8/380; D34/6, 1, 7; D23/203  
CPC ..... F16L 3/223; B01D 53/18; C05F 17/907;  
C05F 17/986; C02F 3/30; C12M 41/48  
See application file for complete search history.

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(Continued)

*Primary Examiner* — Rhea Shields

(57) **CLAIM**

The ornamental design for anaerobic digester for treatment of food waste, as shown and described.

**DESCRIPTION**

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

1. Anaerobic digester for treatment of food waste

1.1 : Perspective

1.2 : Perspective

1.3 : Perspective

1.4 : Left

1.5 : Right

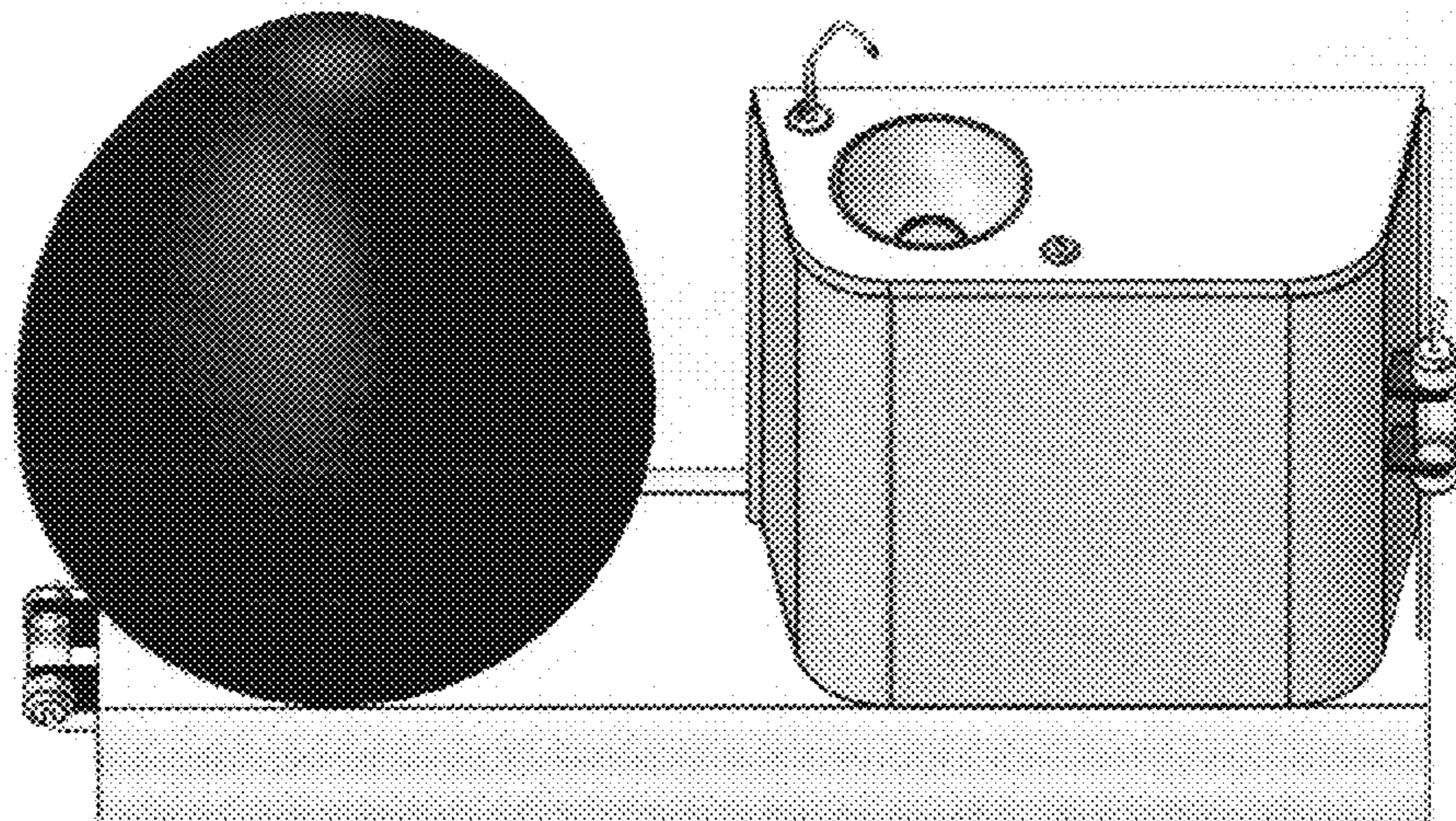
1.6 : Front

1.7 : Back

1.8 : Top

These drawings show a anaerobic digester for treatment of food waste; The egg digester is shown on the LHS; Food waste is deposited of in the sink on top of the cabinet on the RHS; It is macerated along with water from the tap; The macerated food waste is stored in a balance tank inside the cabinet; It is dosed into the egg digester and converted into biogas and liquid bio-fertilizer; The biogas can be used for cooking and heating and the liquid bio-fertilizer can be used for growing more food; The unit is automated and insulated.

**1 Claim, 4 Drawing Sheets**  
**(4 of 4 Drawing Sheet(s) Filed in Color)**



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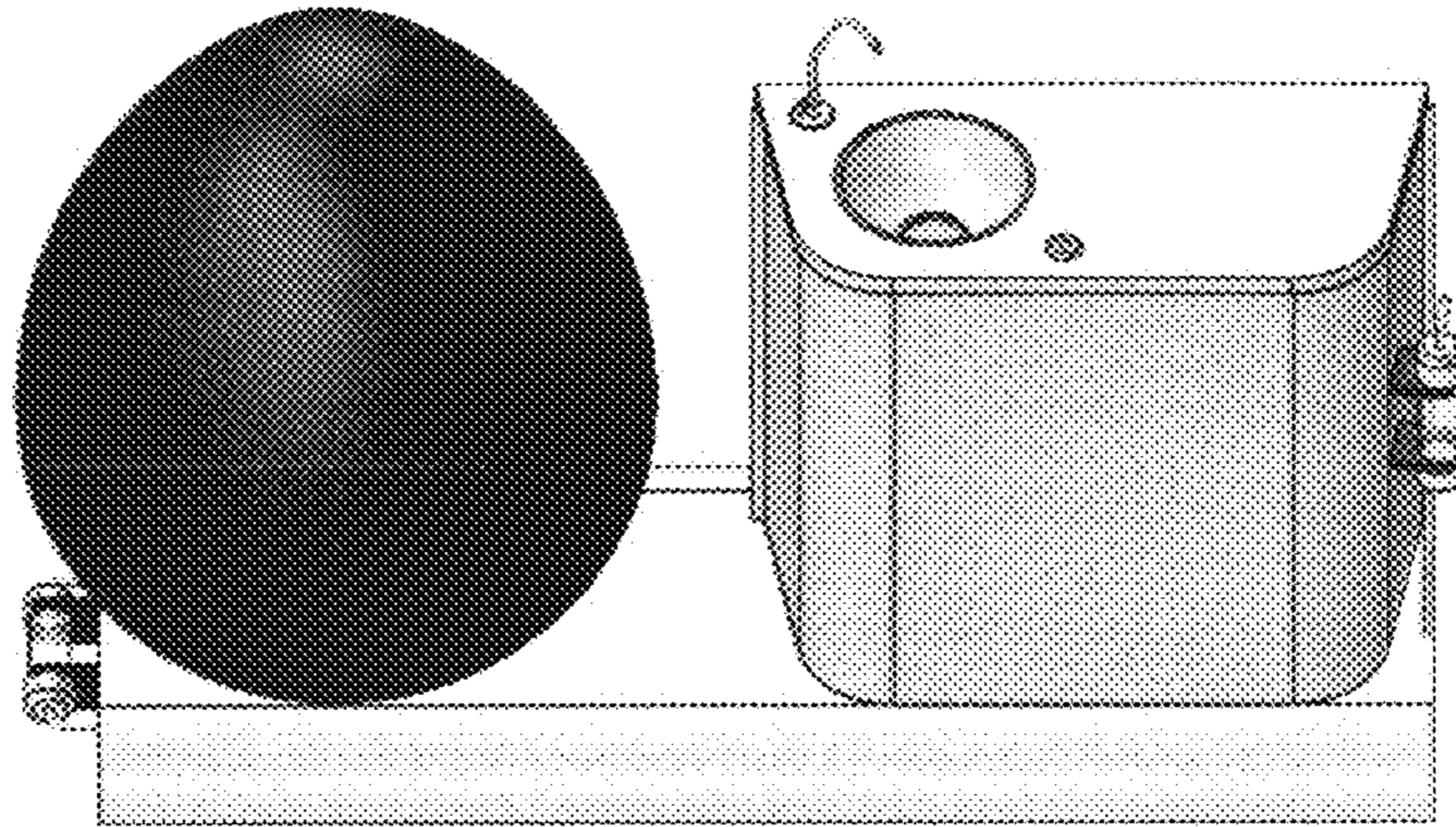
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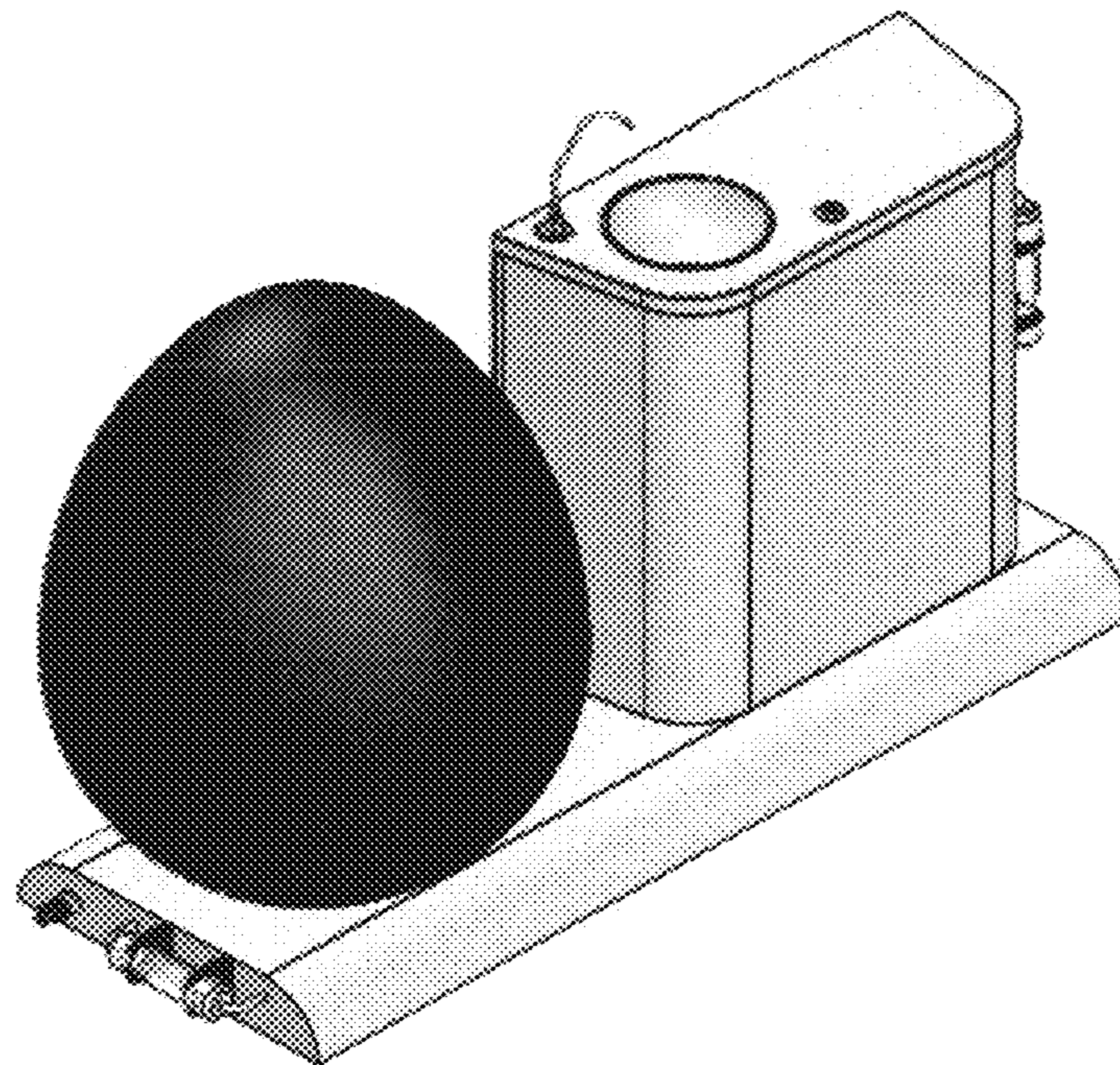
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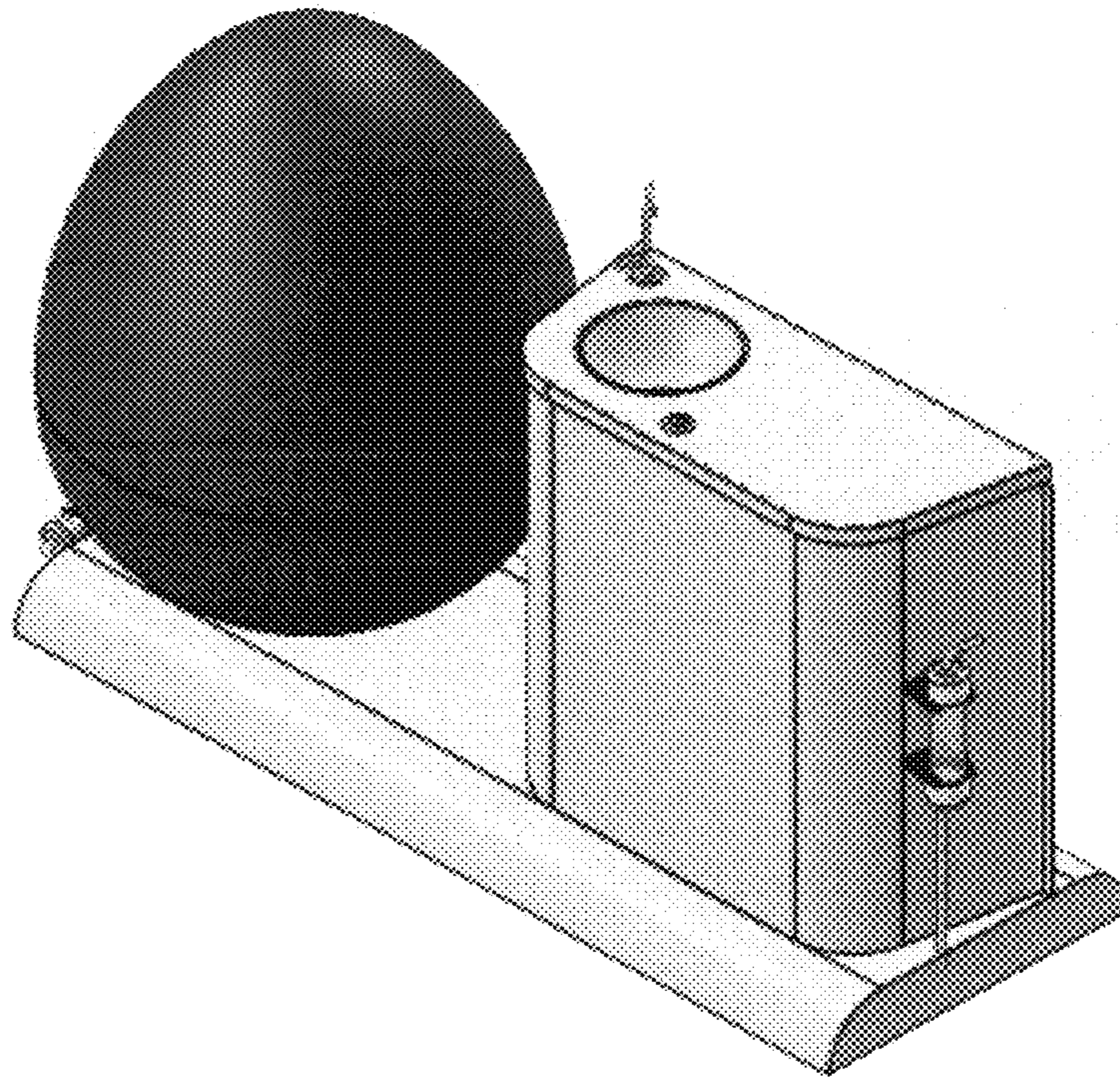
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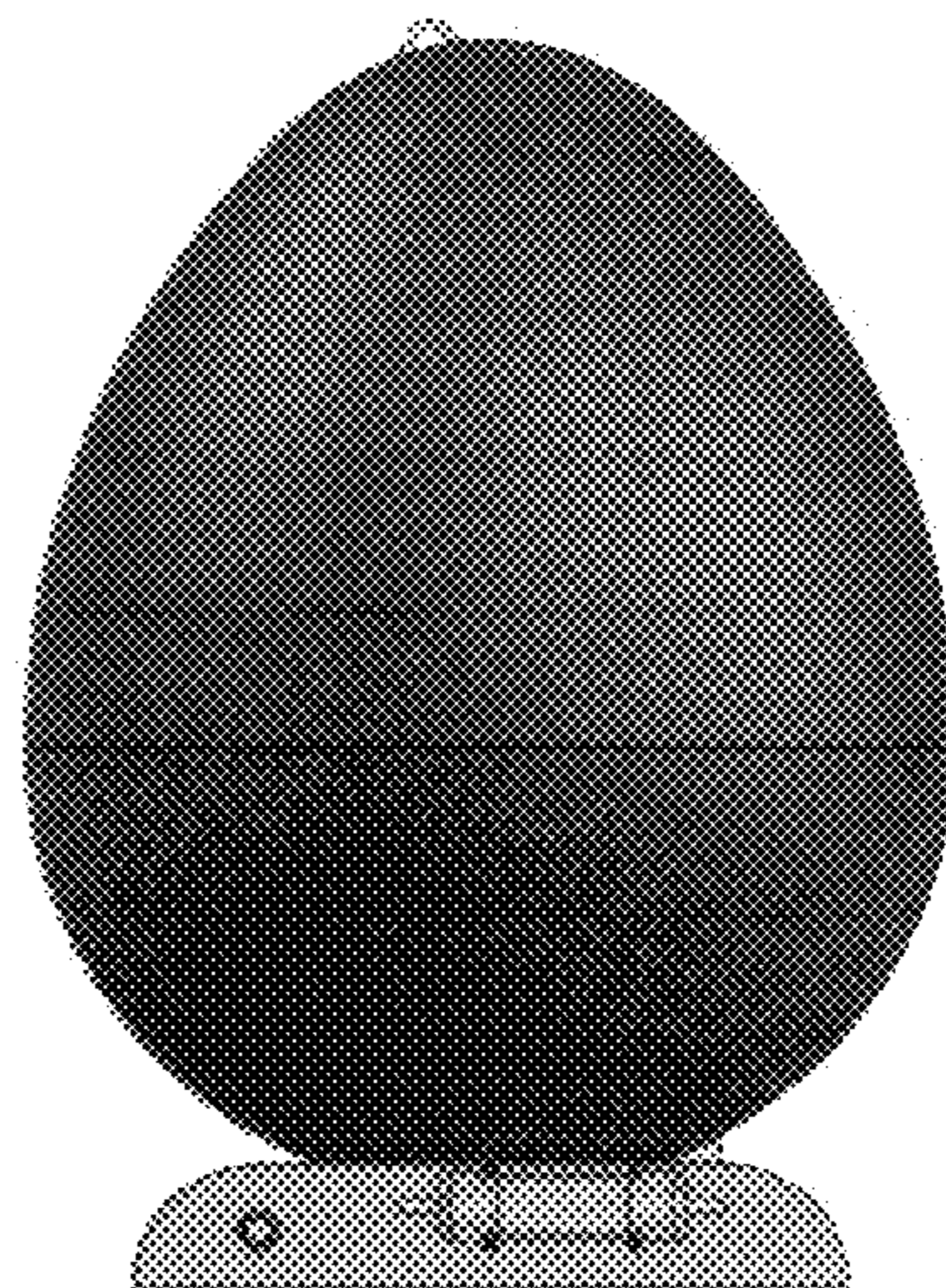
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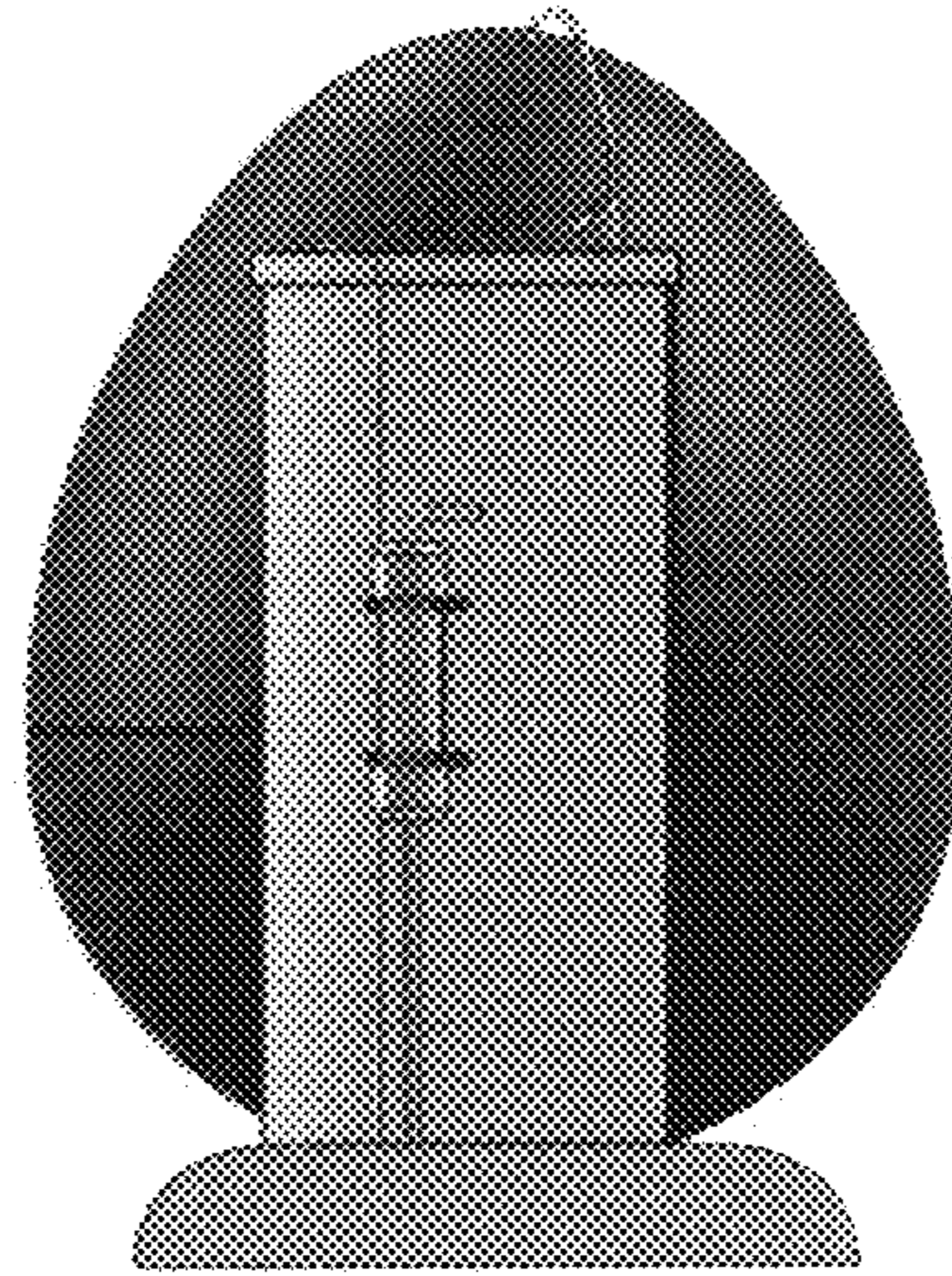
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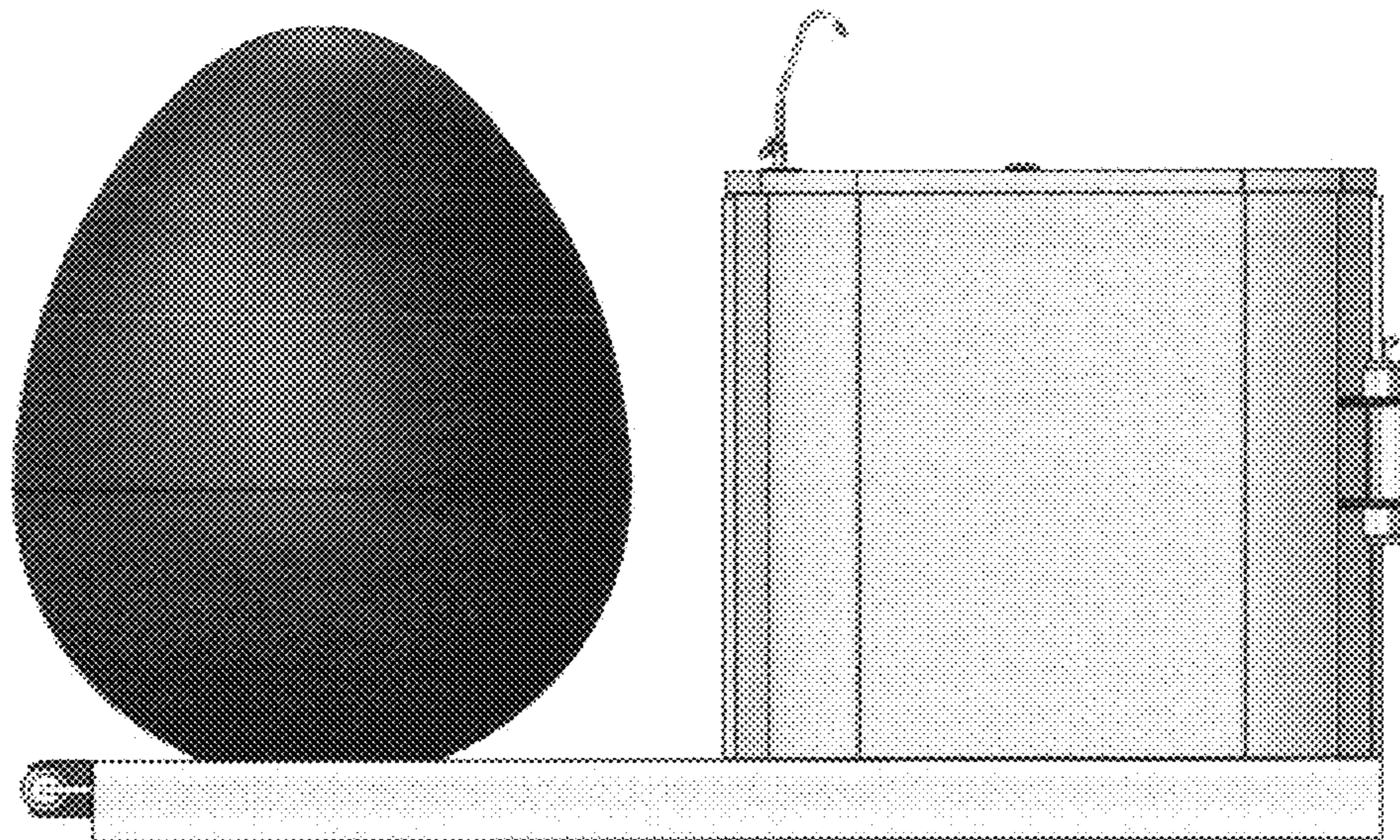
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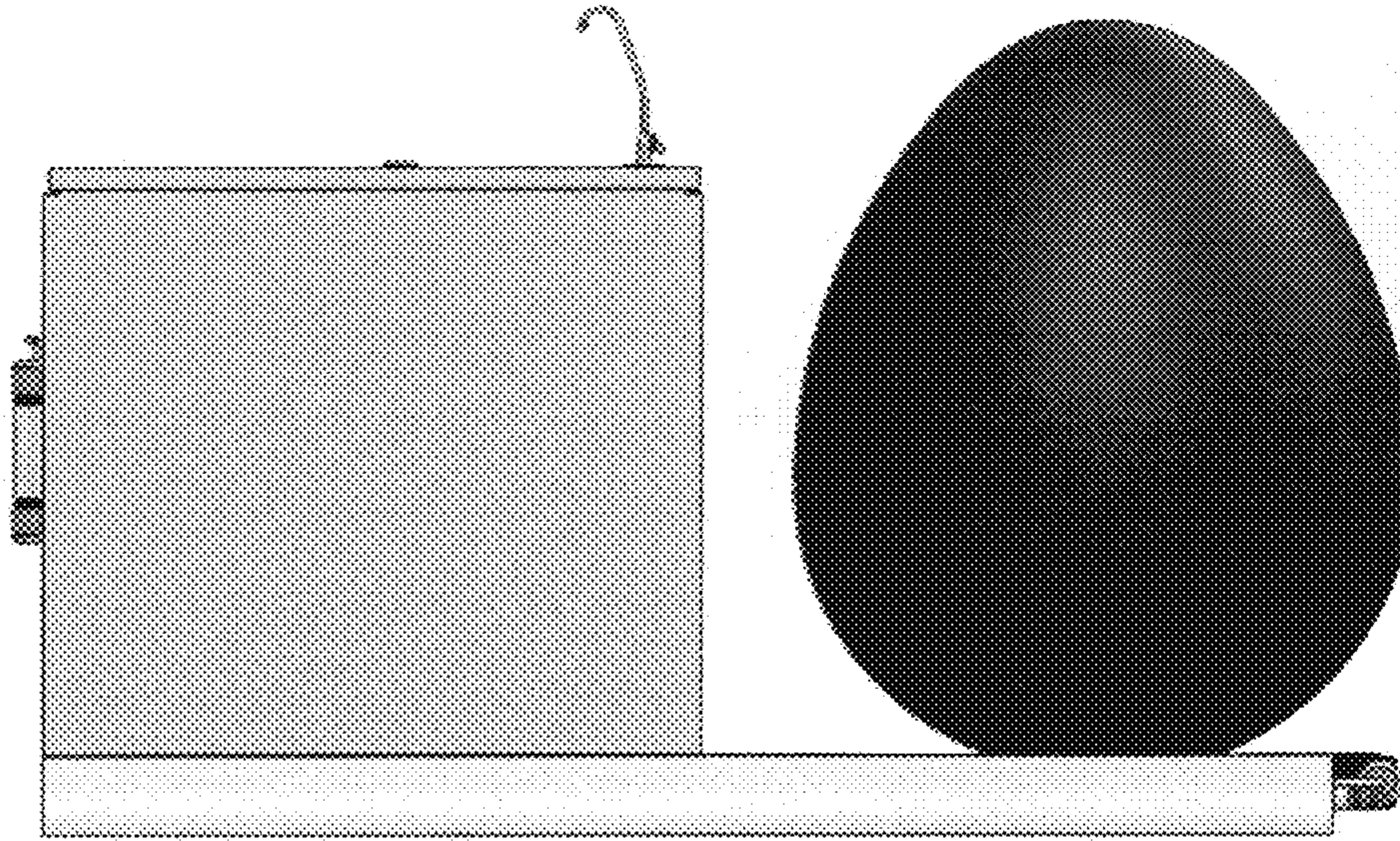
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1.6



1.7



1.8

