



US00D936108S

(12) **United States Design Patent**  
Lin(10) **Patent No.:** US D936,108 S  
(45) **Date of Patent:** \*\* Nov. 16, 2021(54) **HORIZONTAL SUBMERSIBLE PUMP**D752,110 S \* 3/2016 Cook ..... D15/7  
2014/0341752 A1 \* 11/2014 Gell, III ..... F04D 13/0686  
417/44.1  
2020/0124056 A1 \* 4/2020 Wu ..... H02K 7/14(71) Applicant: **FUJIAN AIDI ELECTRIC CO., LTD.**, Longyan (CN)(72) Inventor: **Xi Zhen Lin**, Xiamen (CN)(73) Assignee: **FUJIAN AIDI ELECTRIC CO., LTD.**, Longyan (CN)(\*\*) Term: **15 Years**(21) Appl. No.: **29/804,050**(22) Filed: **Aug. 18, 2021****Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/745,436, filed on Aug. 6, 2020.

(51) **LOC (13) Cl.** ..... **15-02**(52) **U.S. Cl.**USPC ..... **D15/7**(58) **Field of Classification Search**USPC ..... D23/206, 213, 214, 225, 231, 232, 387,  
D23/421; D15/7-9.1, 21, 199  
CPC ..... F04D 15/0088; F04D 15/0066; F04D  
15/0245; F04D 3/00; F04D 3/005; F04D  
3/02; F04D 13/06; F04D 29/041; F04D  
29/22; F04D 29/60; F04D 29/605; F04B  
2203/0208; F04B 17/03; F04B 17/046;  
F04B 17/048; F04B 35/04; F04B 43/04;  
F04B 43/043

See application file for complete search history.

(56) **References Cited**

## U.S. PATENT DOCUMENTS

D701,246 S \* 3/2014 Cook ..... D15/7  
D735,240 S \* 7/2015 Cook ..... D15/7**OTHER PUBLICATIONS**Seaflo, 14B Series Narrow Low Profile Time Sensing Automatic Bilge Pumps, (site visited Jul. 15, 2021), SEAFLOW.com, URL:<<http://www.seaflo.com/en-us/product/detail/21466.html>> (Year: 2021).\*

(Continued)

*Primary Examiner* — Sheryl Lane*Assistant Examiner* — Mark T. Philipps(74) *Attorney, Agent, or Firm* — Bayramoglu Law Offices LLC**CLAIM**

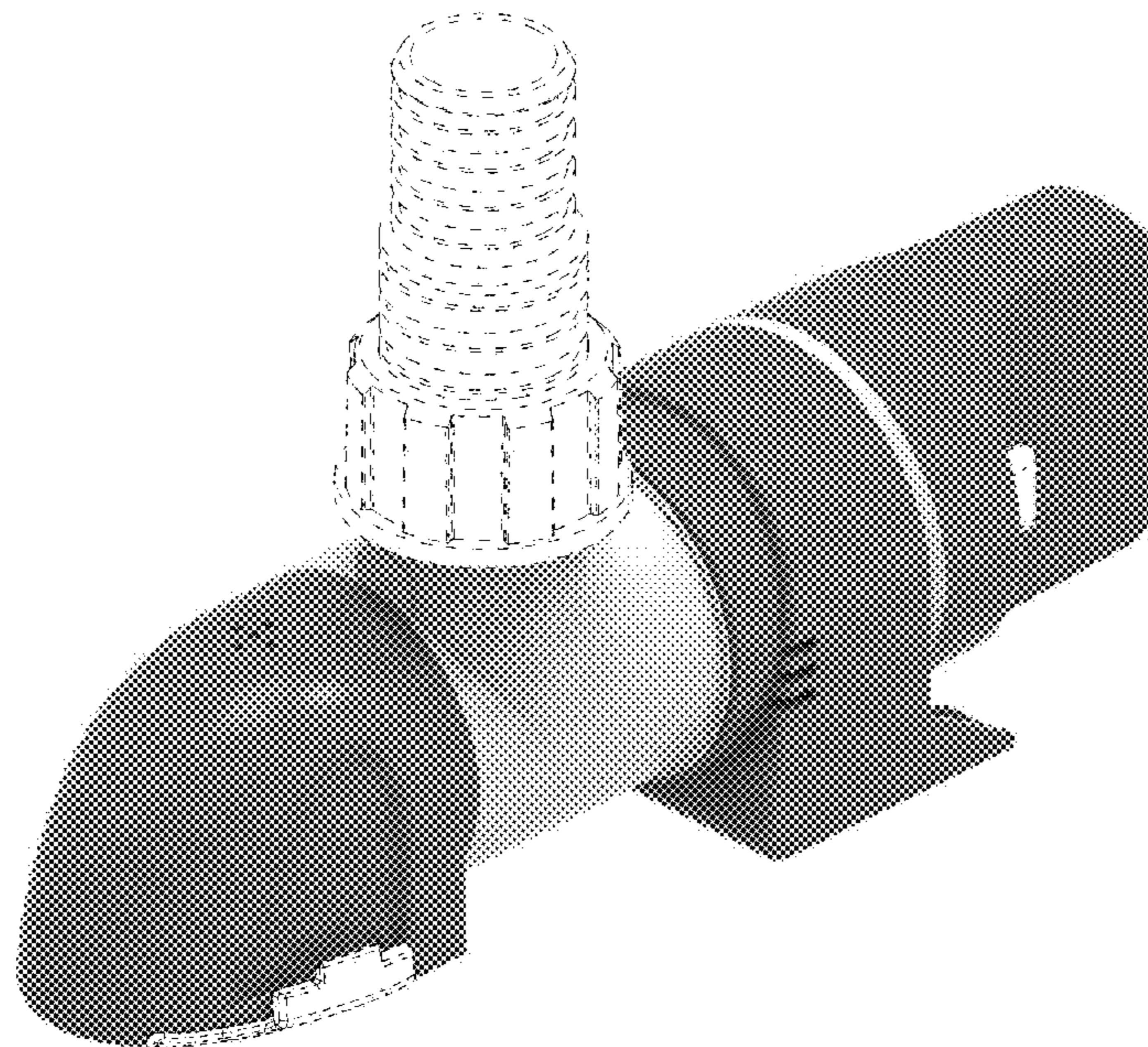
The ornamental design for a horizontal submersible pump, as shown and described.

**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.

FIG. 1 is a perspective view of a horizontal submersible pump showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

The broken lines depict portions of the horizontal submersible pump in which the design is embodied that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**  
**(7 of 7 Drawing Sheet(s) Filed in Color)**

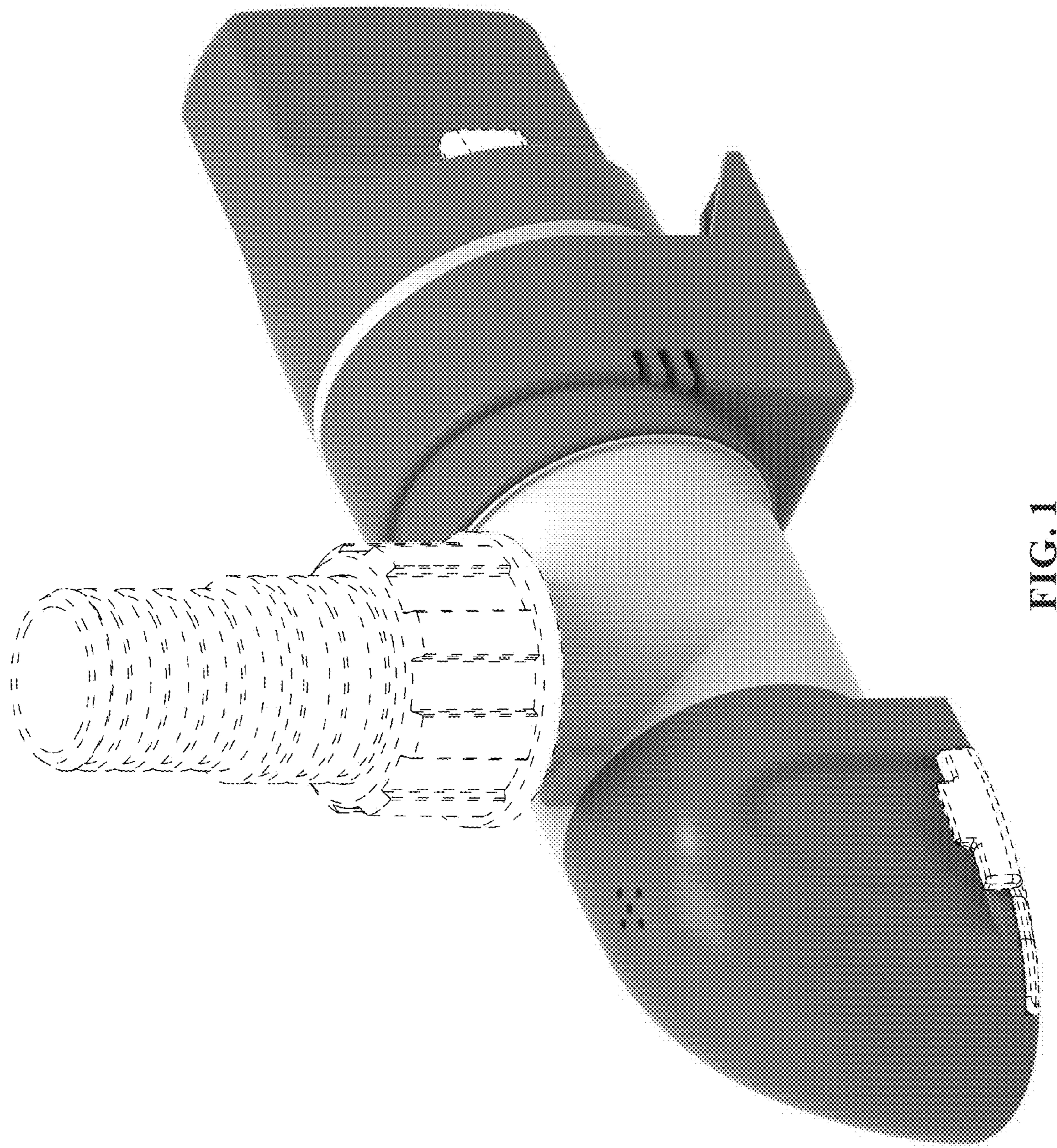
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**References Cited**

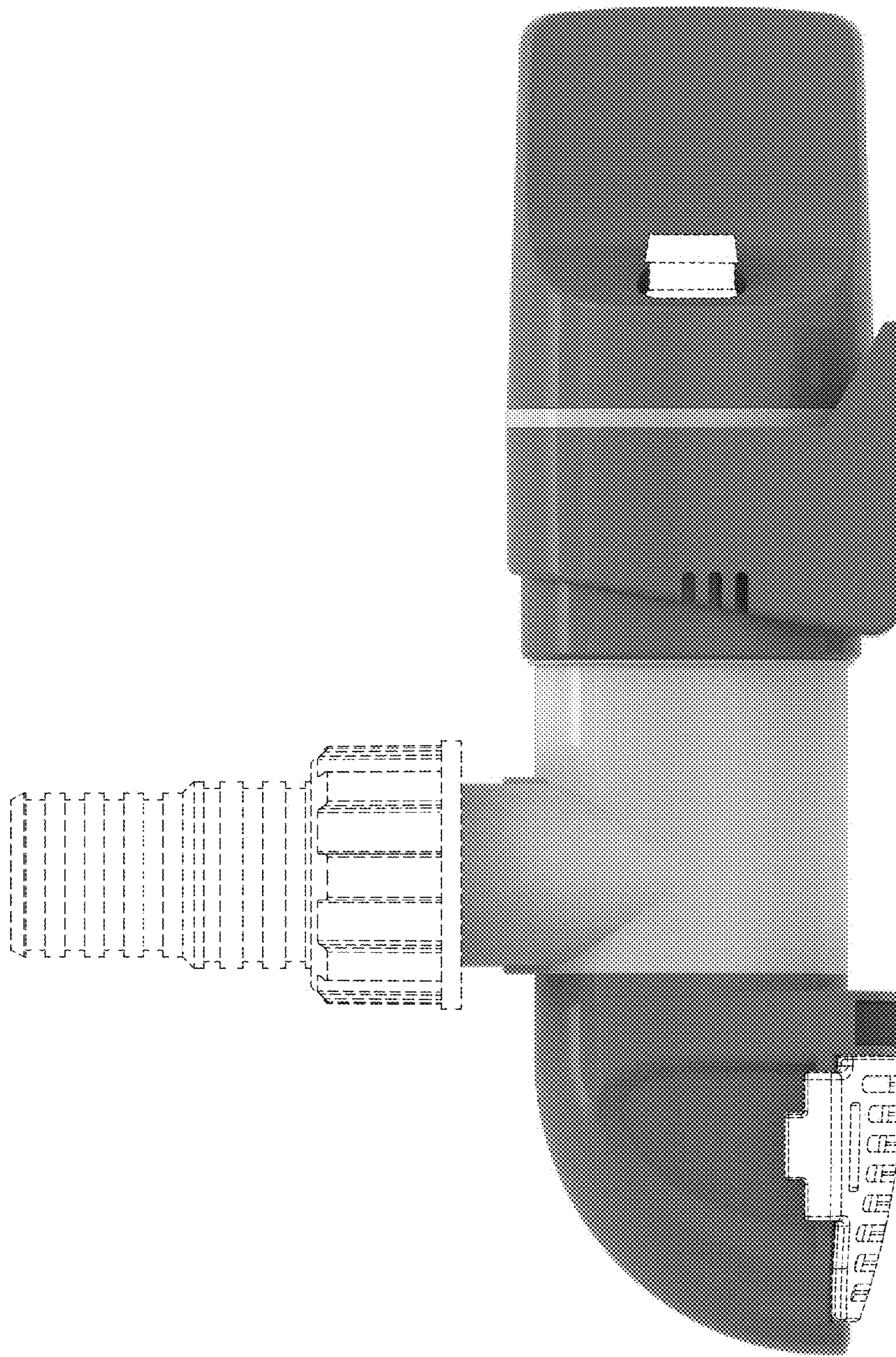
OTHER PUBLICATIONS

Eco-Worthy, Water Diaphragm Self Priming Pump, 45PSI 4.5GPM 17L/min High Pressure Water Pump 110V, (first available Jun. 17, 2020), Amazon.com, URL:<<https://www.amazon.com/ECO-WORTHY-Diaphragm-Pressure-Agriculture-Applications/dp/B08BCFK7SD/>> (Year: 2020).\*

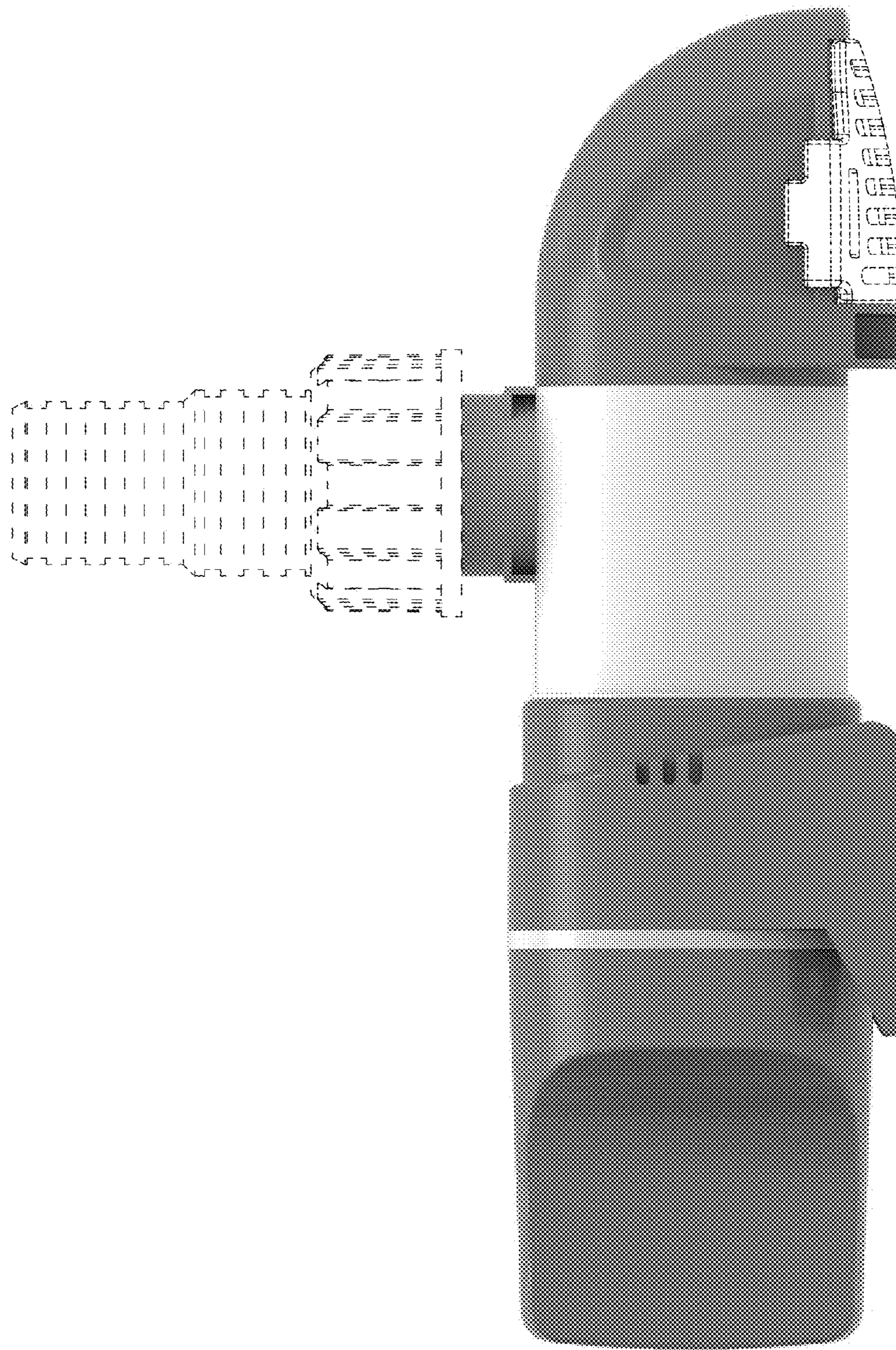
\* cited by examiner



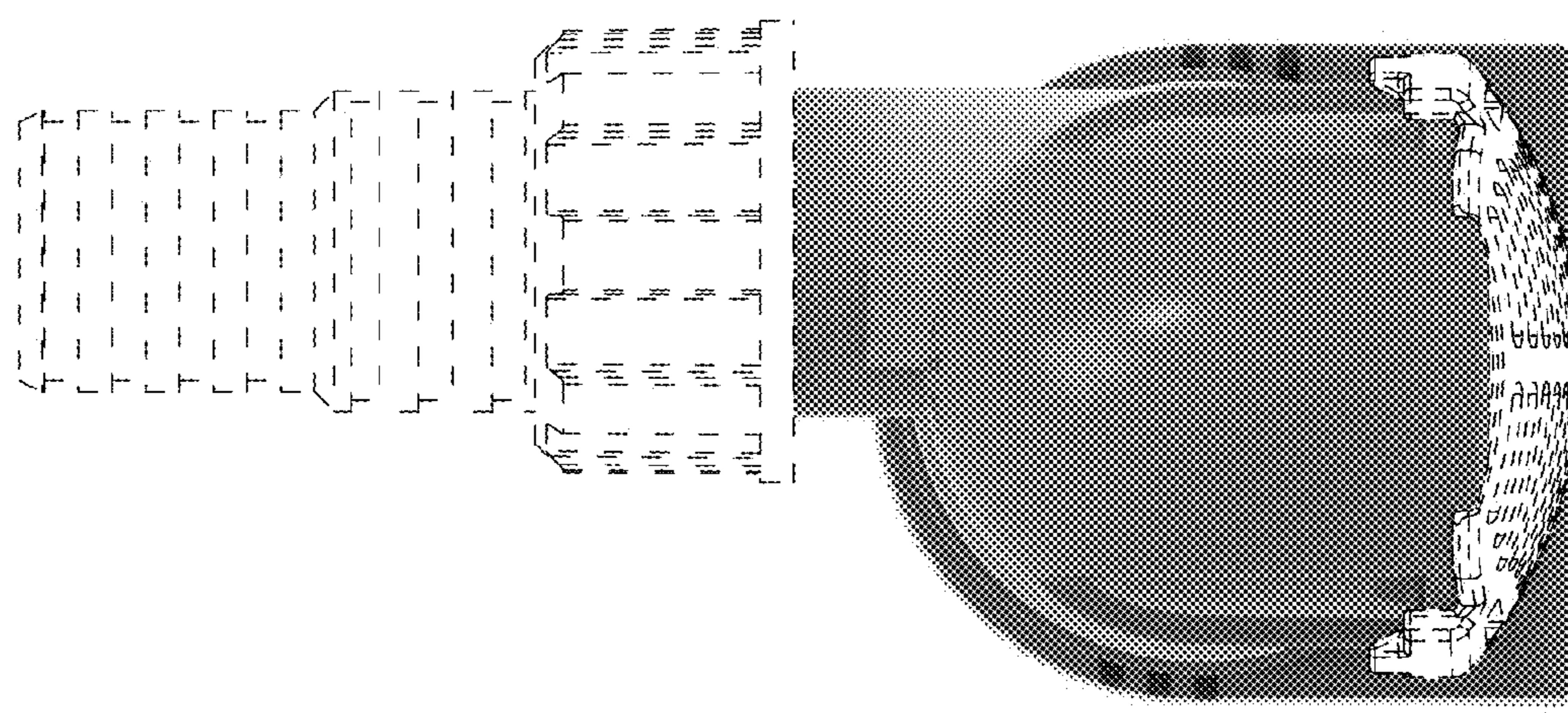
**FIG. 1**



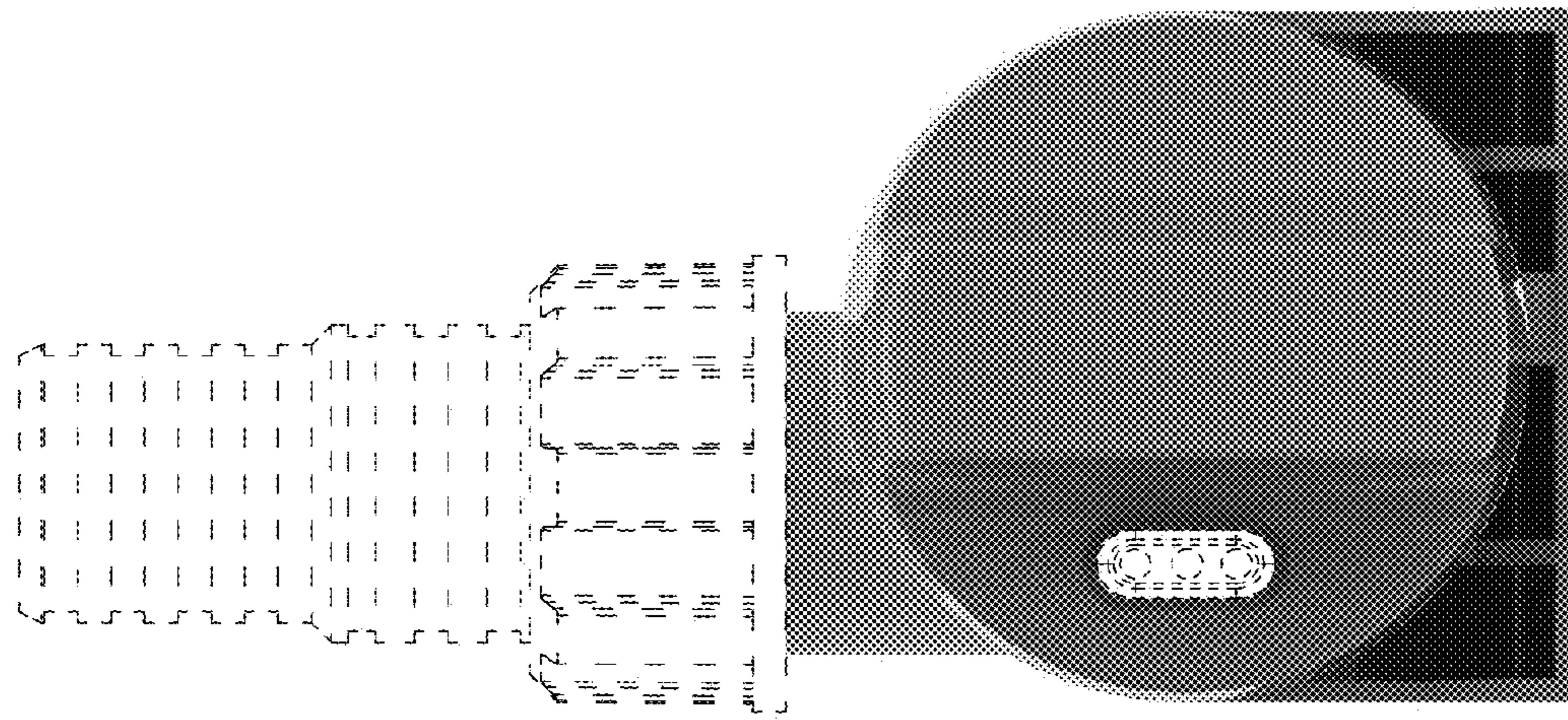
**FIG. 2**



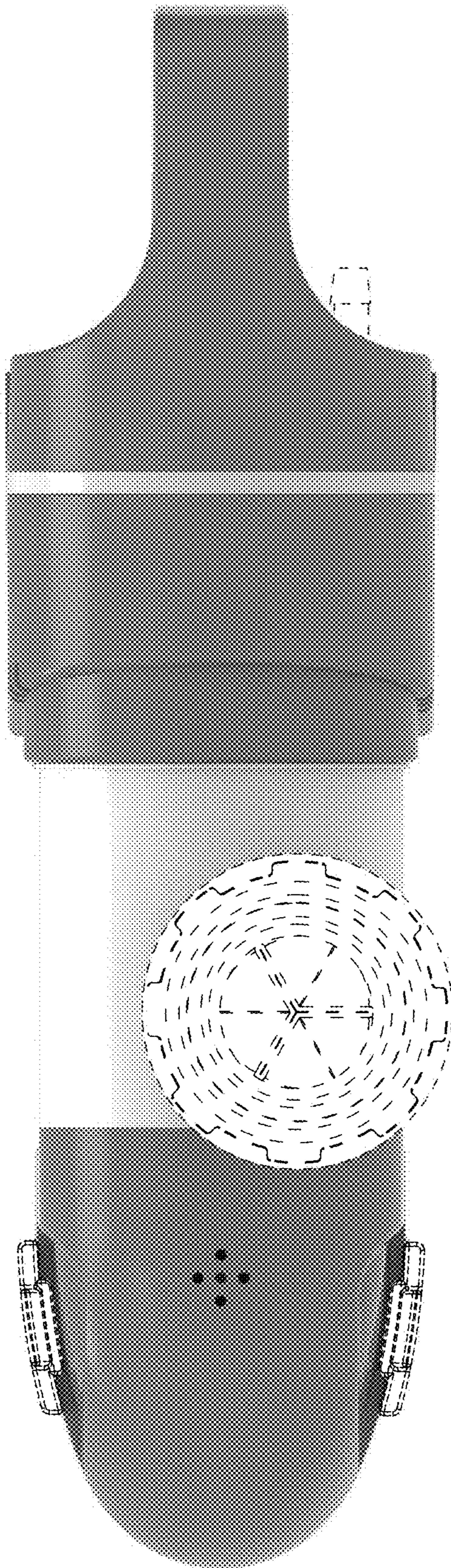
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**

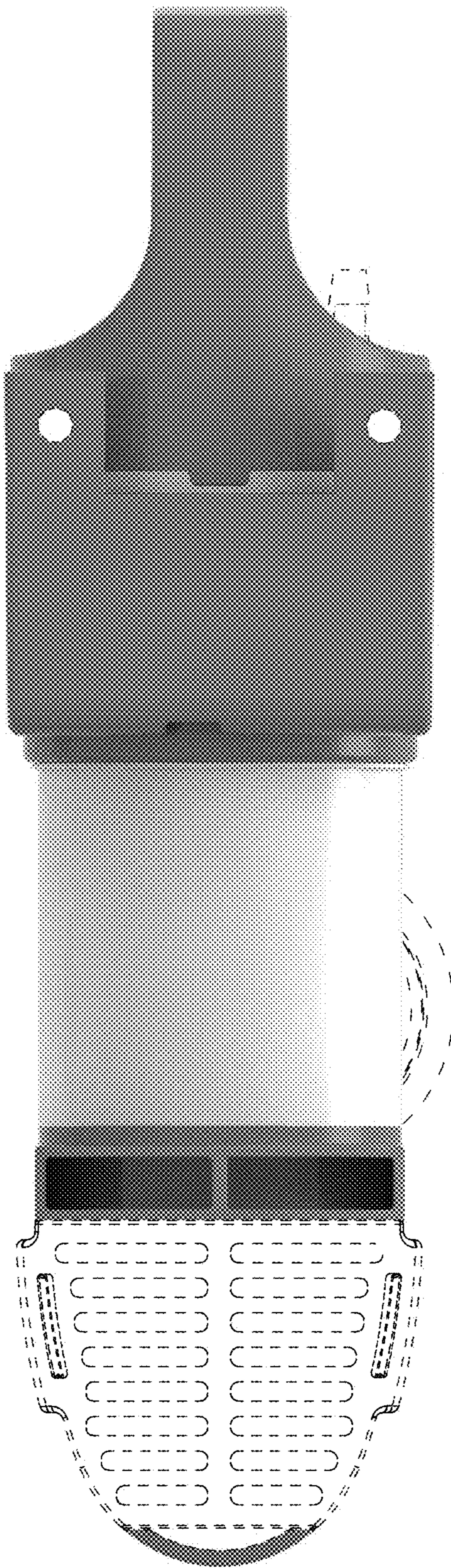


FIG. 7