



(12) **United States Design Patent**
Dai et al.

(10) **Patent No.: US D1,088,181 S**
(45) **Date of Patent: ** Aug. 12, 2025**

(54) **GAS-LIQUID SEPARATOR**

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

(21) Appl. No.: **35/522,356**

(22) Filed: **Aug. 20, 2024**

(80) **Hague Agreement Data**

Int. Filing Date: **Aug. 20, 2024**
Int. Reg. No.: **DM/239970**
Int. Reg. Date: **Aug. 20, 2024**
Int. Reg. Pub. Date: **Sep. 20, 2024**

(30) **Foreign Application Priority Data**

Jul. 15, 2024 (CN) 202430439832.8

(51) **LOC (15) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/207**

(58) **Field of Classification Search**
USPC D23/202–207
CPC F17C 13/06; F17C 13/123; F17C 1/00;
F17C 1/005; F17C 2223/0123; F17C
2223/035; F17C 2223/036; F02M
37/0076; Y10S 220/901; Y10S 220/905
See application file for complete search history.

(56) **References Cited**

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FOREIGN PATENT DOCUMENTS

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OTHER PUBLICATIONS

First notice of examination opinions of CN202430439832.8.

* cited by examiner

Primary Examiner — Keith J Wilson

(57) **CLAIM**

The ornamental design for a gas-liquid separator as shown and described.

DESCRIPTION

1. Gas-liquid separator

1.1 : Front

1.2 : Back

1.3 : Left

1.4 : Right

1.5 : Top

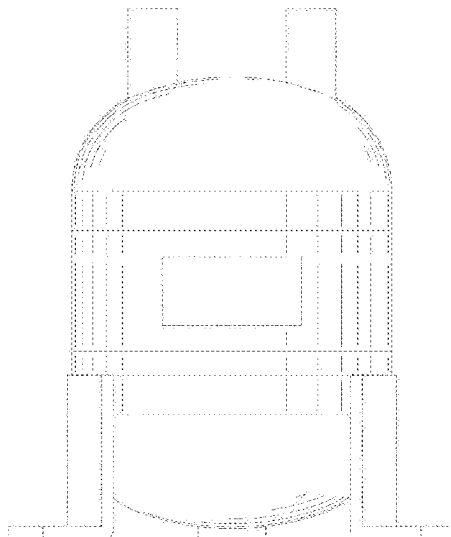
1.6 : Bottom

1.7 : Perspective

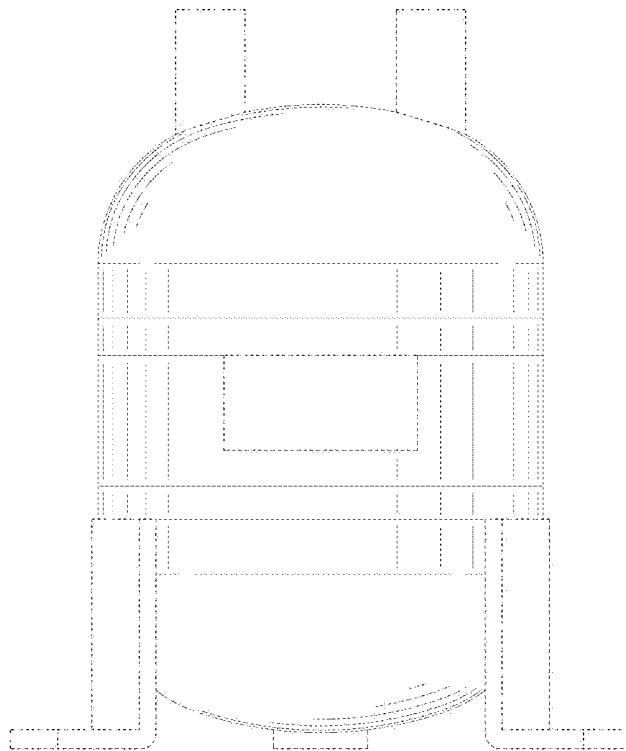
1.8 : Perspective

Reproduction **1.1** is a front plan view of a gas-liquid separator showing my new design; reproduction **1.2** is a back plan view thereof; reproduction **1.3** is a left side elevational view thereof; reproduction **1.4** is a right side elevational view thereof; reproduction **1.5** is a top elevational view thereof; reproduction **1.6** is a bottom elevational view thereof; reproduction **1.7** is a right, front, top perspective view thereof; and reproduction **1.8** is a left, rear, top perspective view thereof; The broken lines in the drawings depict portions of the gas-liquid separator that form no part of the claimed design.

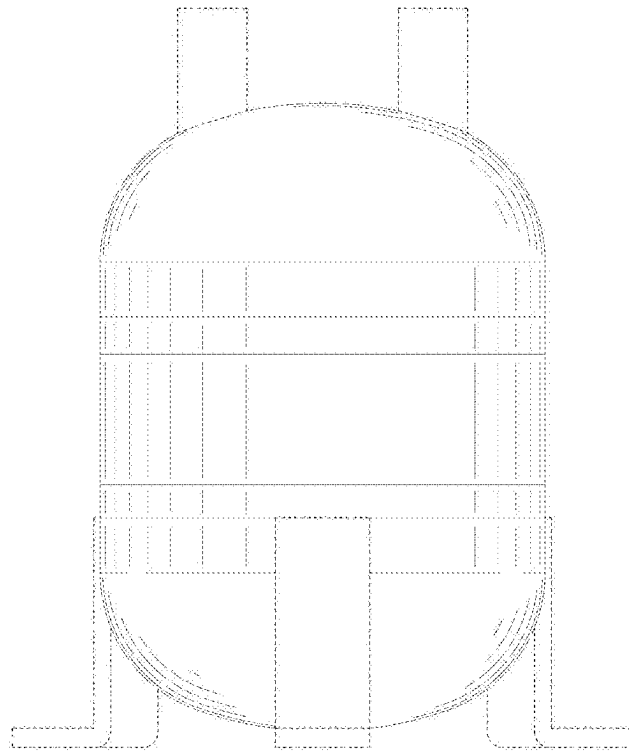
1 Claim, 8 Drawing Sheets



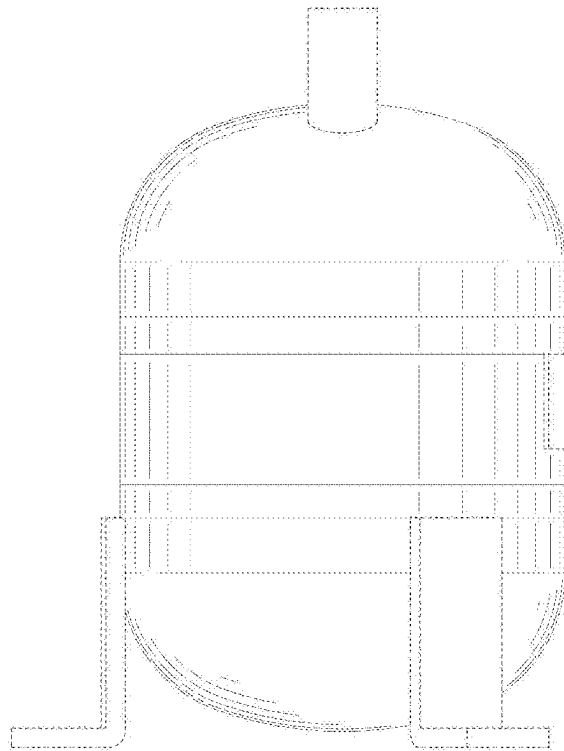
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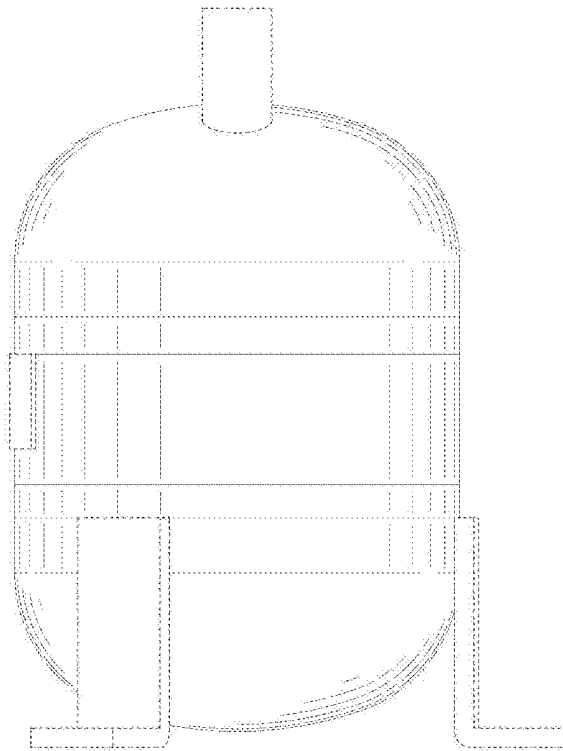
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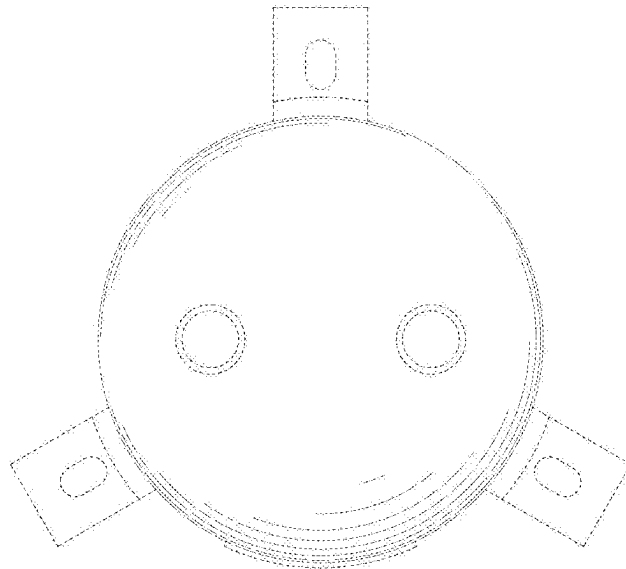
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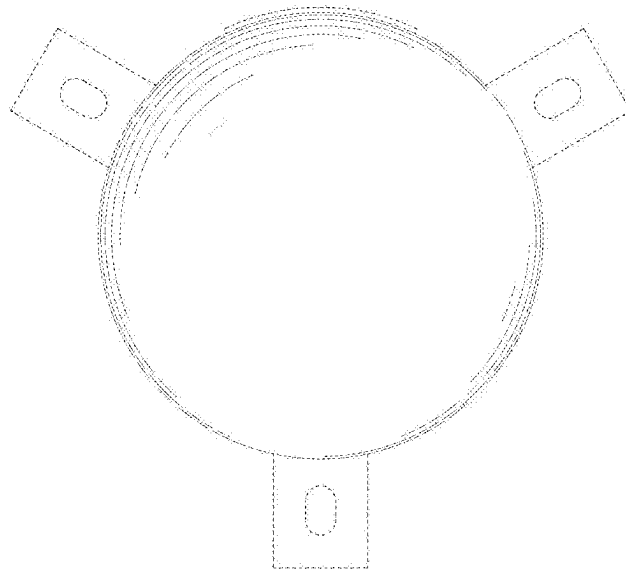
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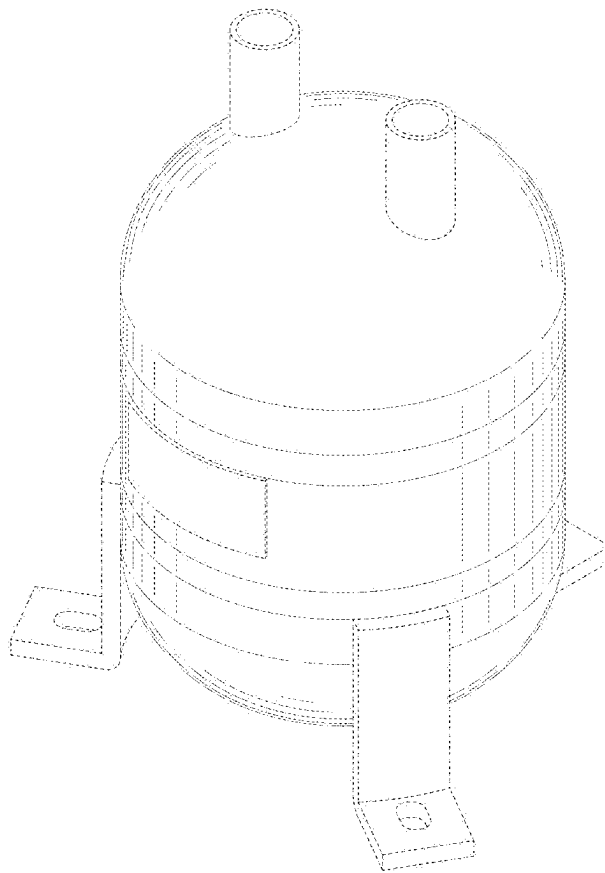
1.5



1.6



1.7



1.8

