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

(10) **Patent No.:** **US D1,089,583 S**

(45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **MOBILE AIR CONDITIONING KIT**

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(72) Inventor: **Zhilin Zheng**, Anhui (CN)

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

(21) Appl. No.: **29/994,793**

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(51) **LOC (15) Cl.** ..... **23-03**

(52) **U.S. Cl.**  
USPC ..... **D23/393; D23/354**

(58) **Field of Classification Search**

USPC ..... D14/155, 188, 204, 210, 211, 213, 214,  
D14/215, 216, 228, 348, 358, 371;  
D23/207–210, 324, 325, 332–337, 341,  
D23/342, 348, 349, 350, 351–370, 371,  
D23/375, 378, 379, 385, 386, 388, 393,  
D23/411; D26/51, 127; D28/91.1;  
D24/110, 164, 215, 217; D15/89, 199;  
D11/131; D25/47.1, 48.2, 48.7, 48.8  
CPC ... A61L 9/00; A61L 9/03; A61L 9/032; A61L  
9/035; A61L 9/04; A61L 9/05; A61L  
9/12; A61L 9/14; A61L 9/16; A61L 9/20;  
A61L 9/22; A61L 9/012; A61L 9/015;  
A61L 9/048; A61L 9/122; A61L 9/127;  
A61L 9/205; A61L 2209/10; A61L  
2209/11; A61L 2209/14; A61L 2209/133;  
A61L 2209/134; F24F 1/02; F24F  
1/0007; F24F 1/0067; F24F 1/0071; F24F  
1/008; F24F 1/0083; F24F 1/0087; F24F  
1/0328; F24F 1/0355; F24F 1/0358; F24F  
5/00; F24F 6/00; F24F 6/02; F24F 6/12;  
F24F 6/14; F24F 7/003; F24F 8/00; F24F  
8/10; F24F

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*Assistant Examiner* — David Obrien

(74) *Attorney, Agent, or Firm* — Justin Lampel

(57) **CLAIM**

The ornamental design for a mobile air conditioning kit, as shown and described.

**DESCRIPTION**

FIG. 1 is a first front, left, top perspective view of a mobile air conditioning kit showing my new design;

FIG. 2 is a second rear, left, bottom perspective view thereof;

FIG. 3 is a front view of FIG. 1;

FIG. 4 is a rear view of FIG. 1;

FIG. 5 is a left side view of FIG. 1;

FIG. 6 is a right side view of FIG. 1;

FIG. 7 is a top plan view of FIG. 1;

FIG. 8 is a bottom plan view of FIG. 1;

FIG. 9 is an exploded front, left, top perspective view of the mobile air conditioning kit;

FIG. 10 is an exploded rear, left, bottom perspective view of the mobile air conditioning kit;

FIG. 11 is an enlarged view of a portion of FIG. 1;

FIG. 12 is an enlarged view of a portion of FIG. 2;

FIG. 13 is an enlarged view of a portion of FIG. 7;

FIG. 14 is an enlarged view of a portion of FIG. 8;

FIG. 15 is an enlarged view of a portion of FIG. 10;

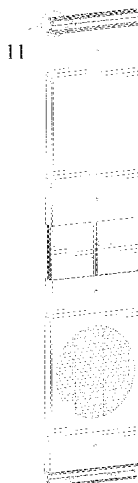
FIG. 16 is an enlarged view of a portion of FIG. 10;

FIG. 17 is an enlarged view of a portion of FIG. 10; and,

FIG. 18 is an enlarged view of a portion of FIG. 10.

The broken lines in the drawings depict portions of the mobile air conditioning kit that form no part of the claimed design.

**1 Claim, 18 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 8/20; F24F 8/30; F24F 8/40; F24F 8/50;  
 F24F 8/183; F24F 13/082; F24F 13/084;  
 F24F 13/085; F24F 13/28; F24F 13/13;  
 F24F 13/18; F24F 13/0236; F24F  
 2006/001; F24F 2006/003; F24F  
 2006/005; F24F 2006/008; Y10S 261/03;  
 Y10S 261/04; Y10S 261/17; Y10S  
 261/31; Y10S 261/42; Y10S 261/43;  
 Y10S 261/65; Y10S 261/88; Y10S  
 261/89; A61G 17/00; A61G 17/08; A47G  
 23/03; A47G 23/0216; A47G 2019/2277;  
 A47G 19/22; A47G 19/2205; A47G  
 19/2211; A47G 19/2288; B01D 46/00;  
 B01D 46/10; B01D 46/001; B01D  
 46/0002; B01D 46/0004; B01D 46/0005;  
 B01D 46/0012; B01D 46/0015; B01D  
 46/0016; B01D 46/02; B01D 46/24;  
 B01D 46/2411; B01D 46/2486; B01D  
 46/2488; B01D 46/249; B01D 46/2492;  
 B01D 46/58; B01D 46/527; B01D

46/645; B01D 53/0431; B65D 85/8061;  
 B65D 83/30; F04D 25/08; H02G 3/083;  
 H02G 3/12; H02G 3/22; E06B 7/02;  
 E06B 7/03; E06B 7/32; E06B 7/092

See application file for complete search history.

(56)

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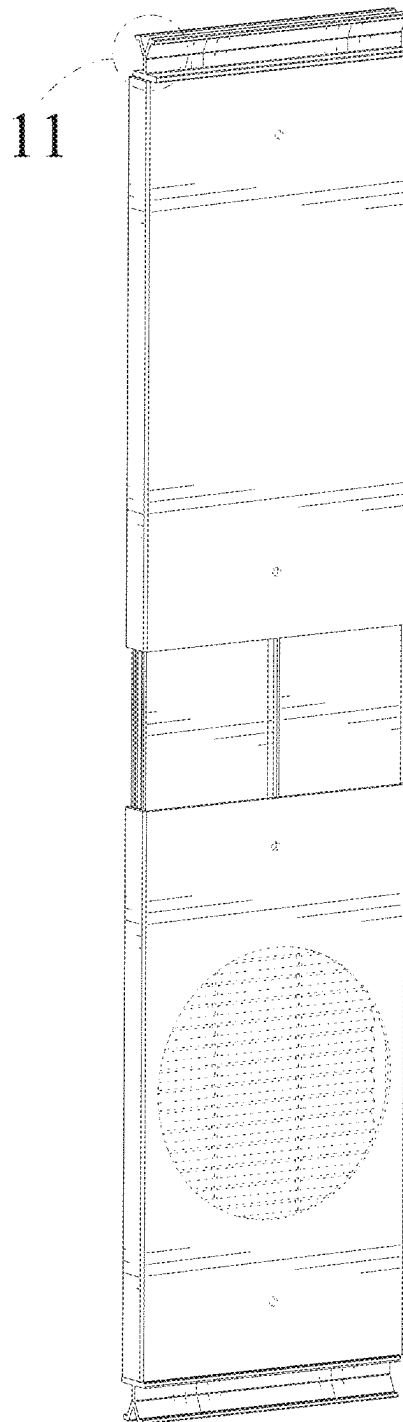


FIG. 1

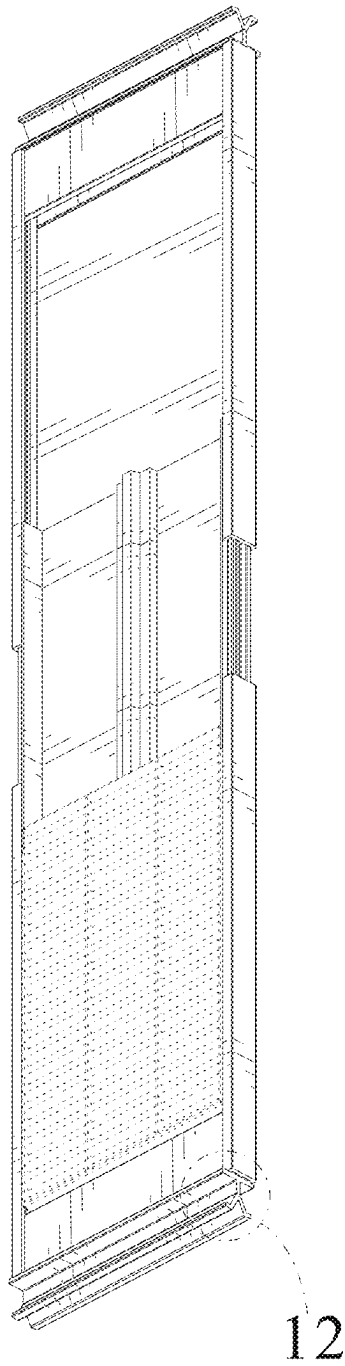


FIG. 2

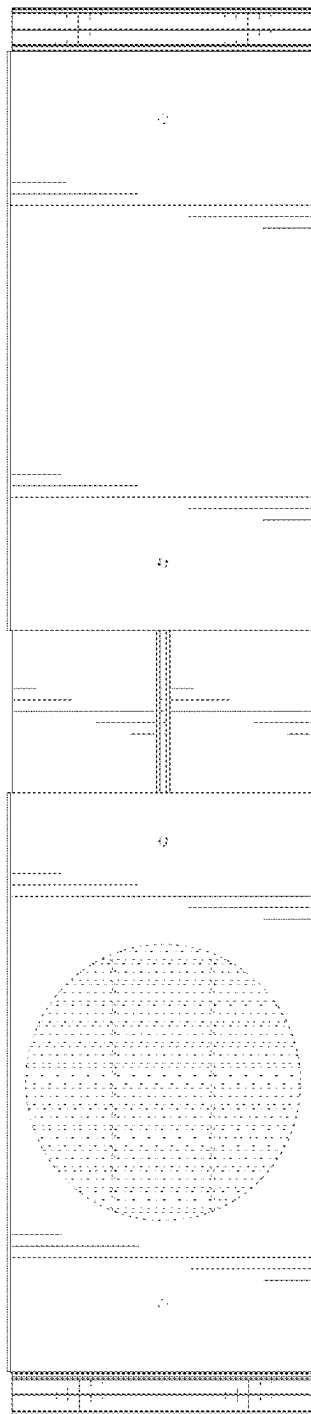


FIG. 3

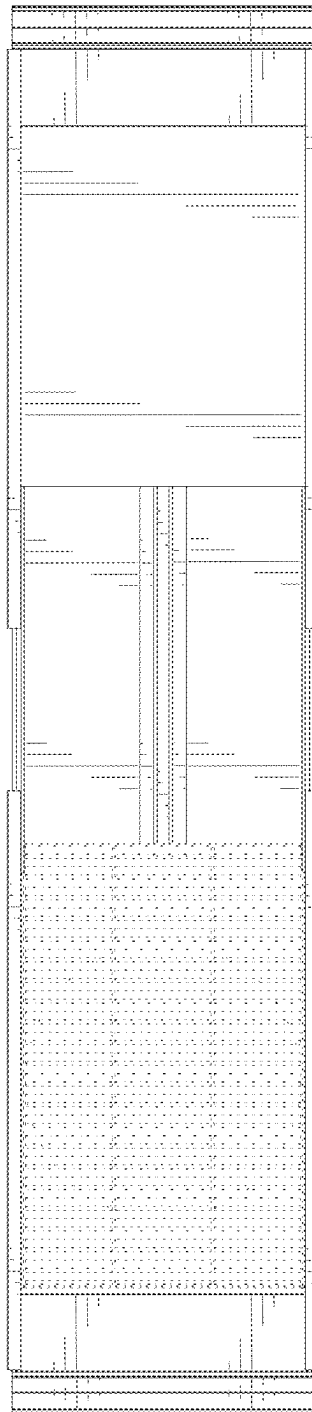


FIG. 4

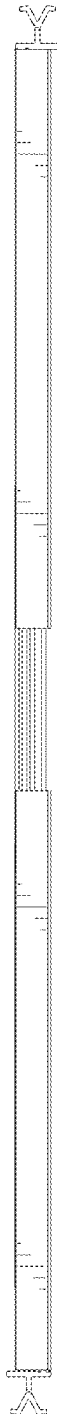


FIG. 5



FIG. 6



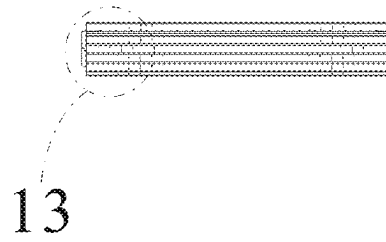


FIG. 7

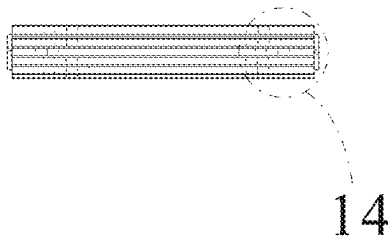


FIG. 8

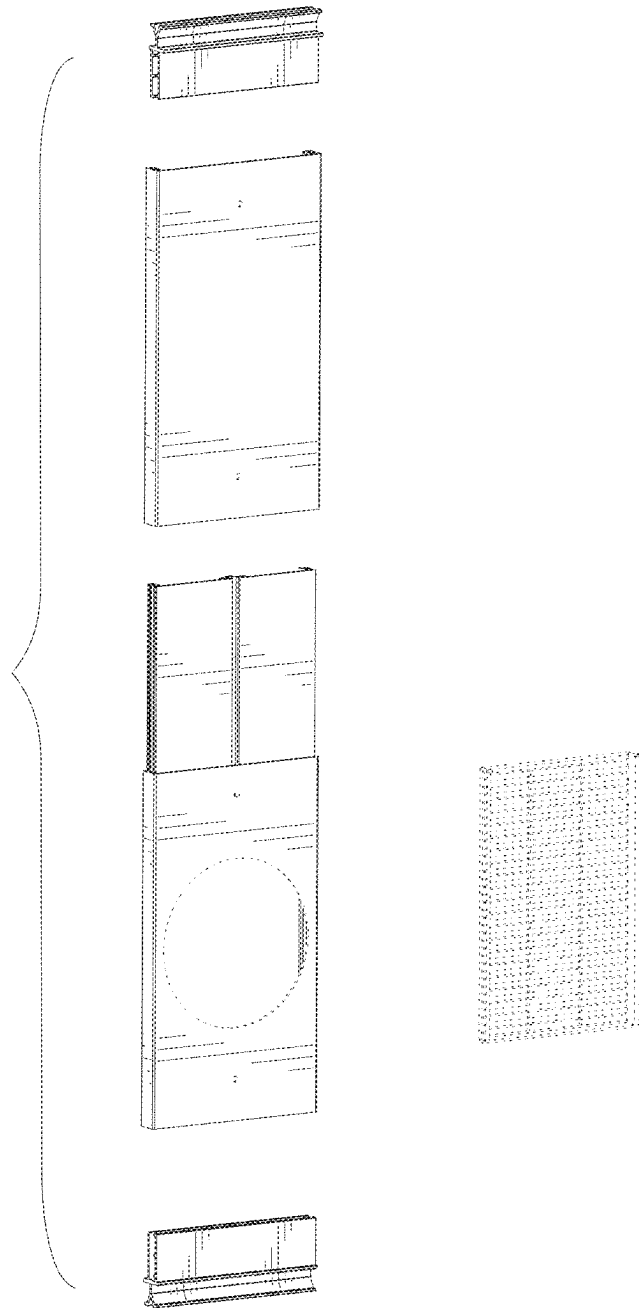


FIG. 9

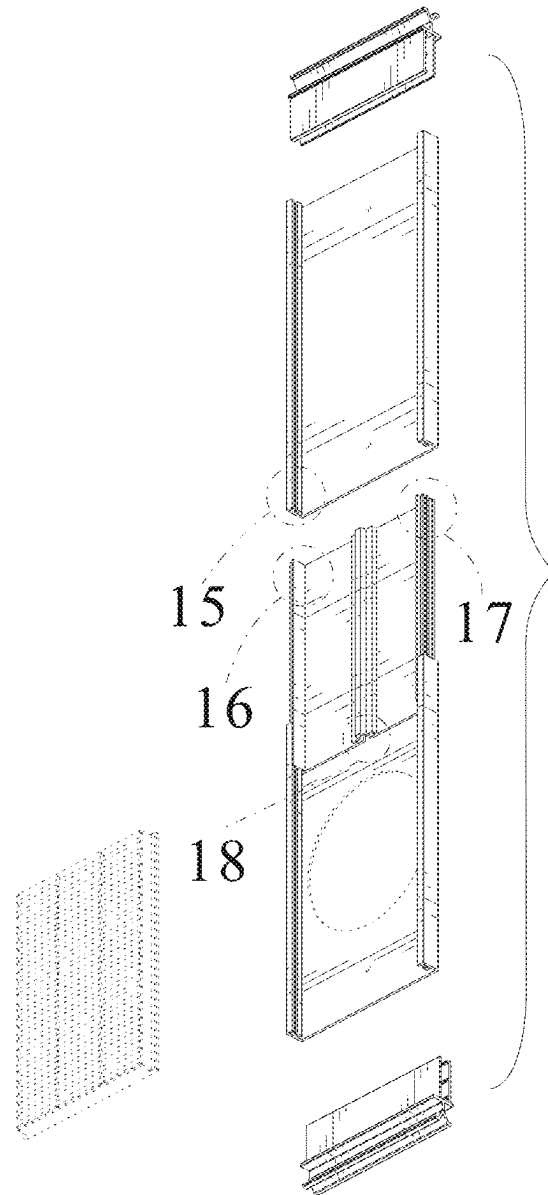


FIG. 10

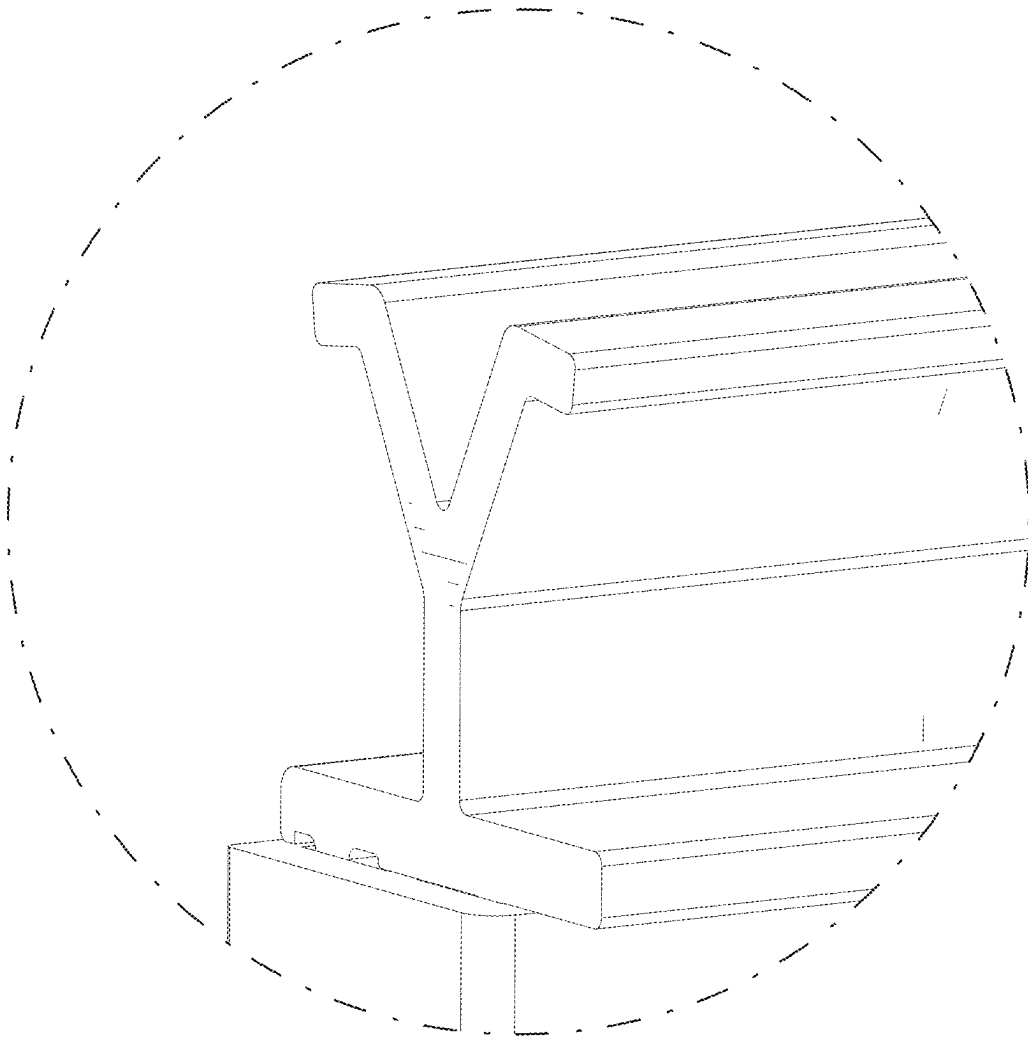


FIG. 11

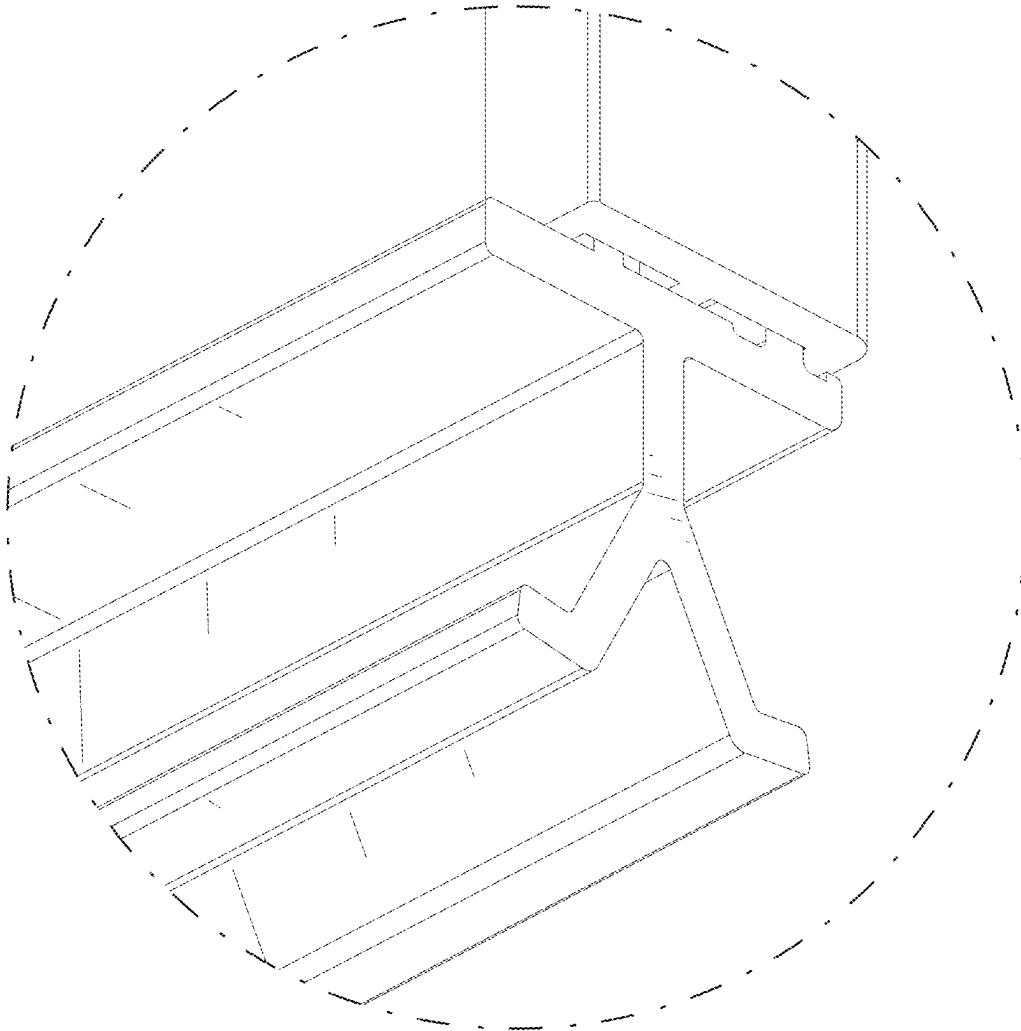


FIG. 12

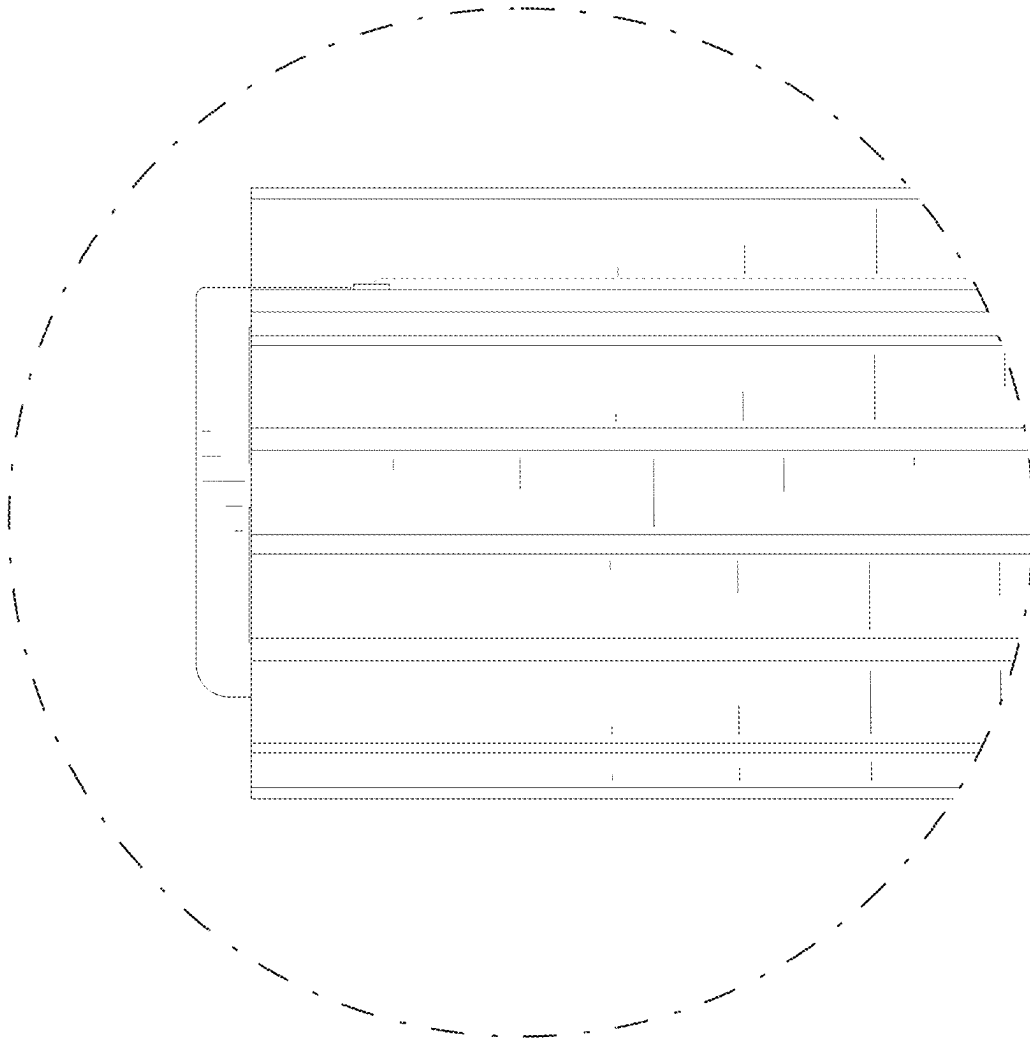


FIG. 13

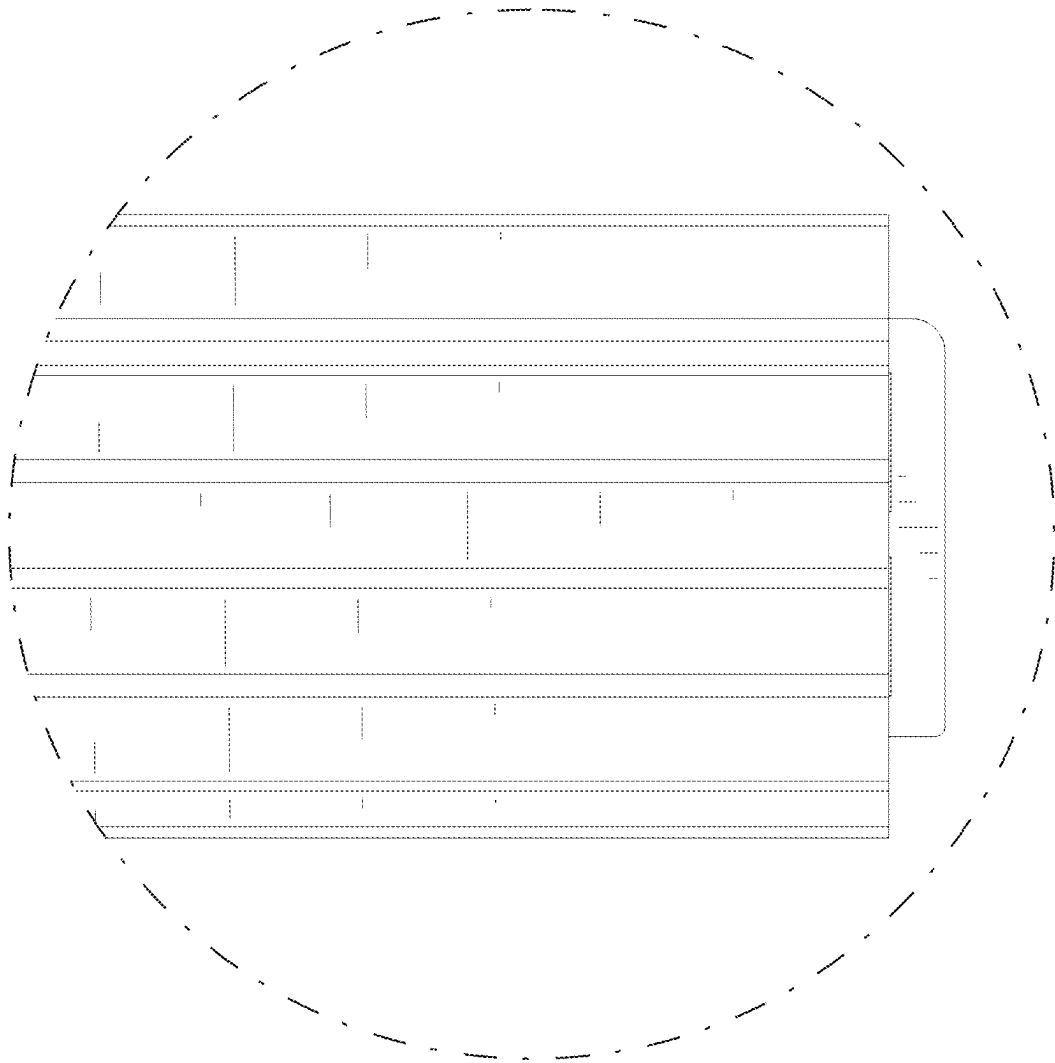


FIG. 14



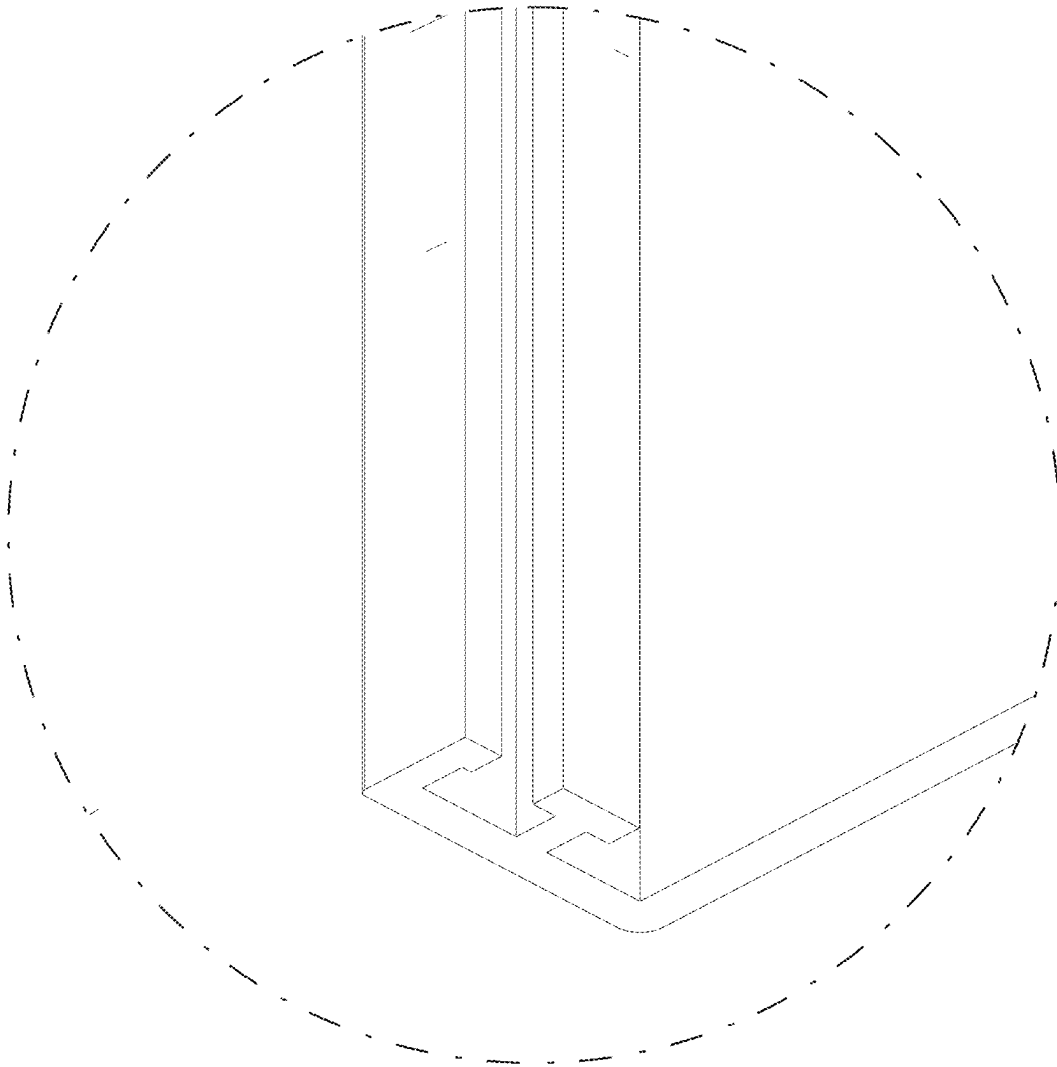


FIG. 15

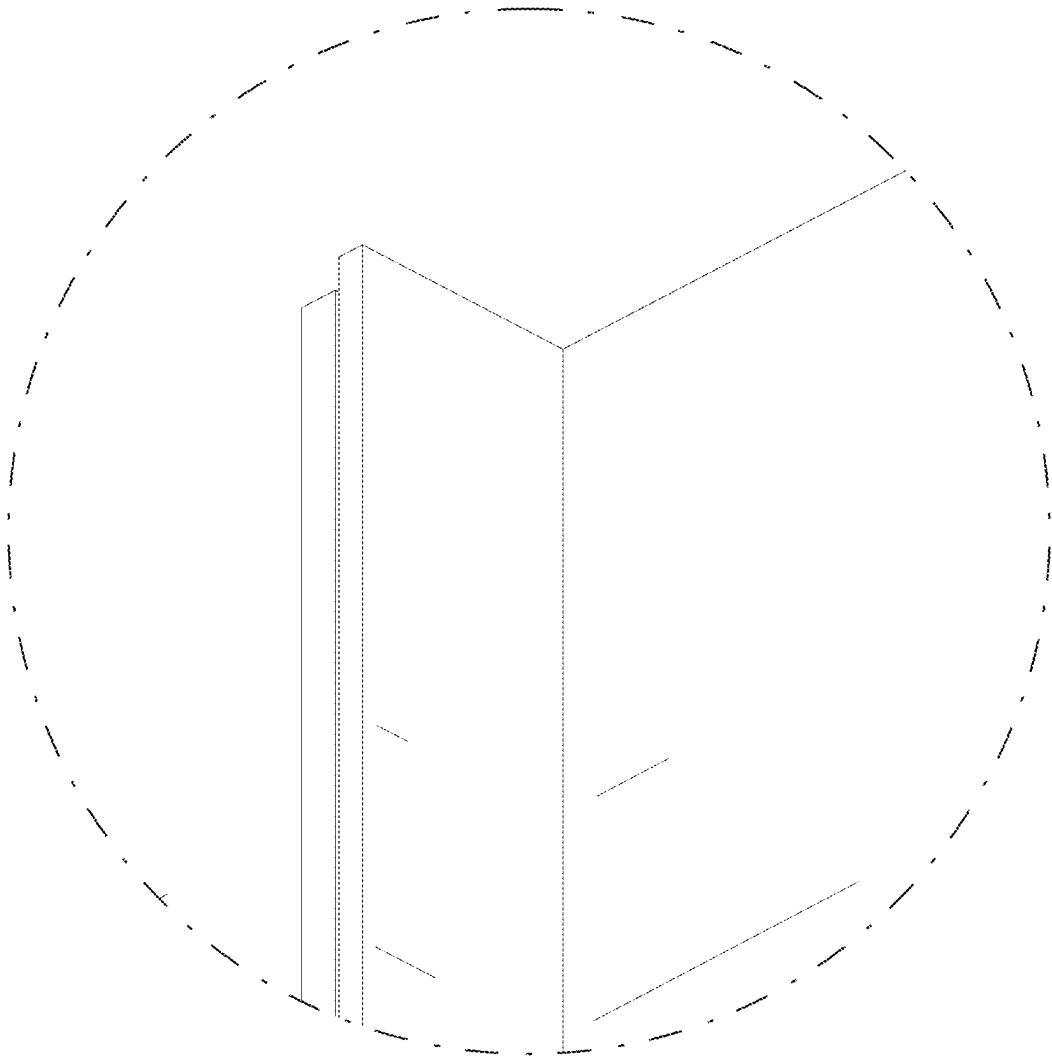


FIG. 16

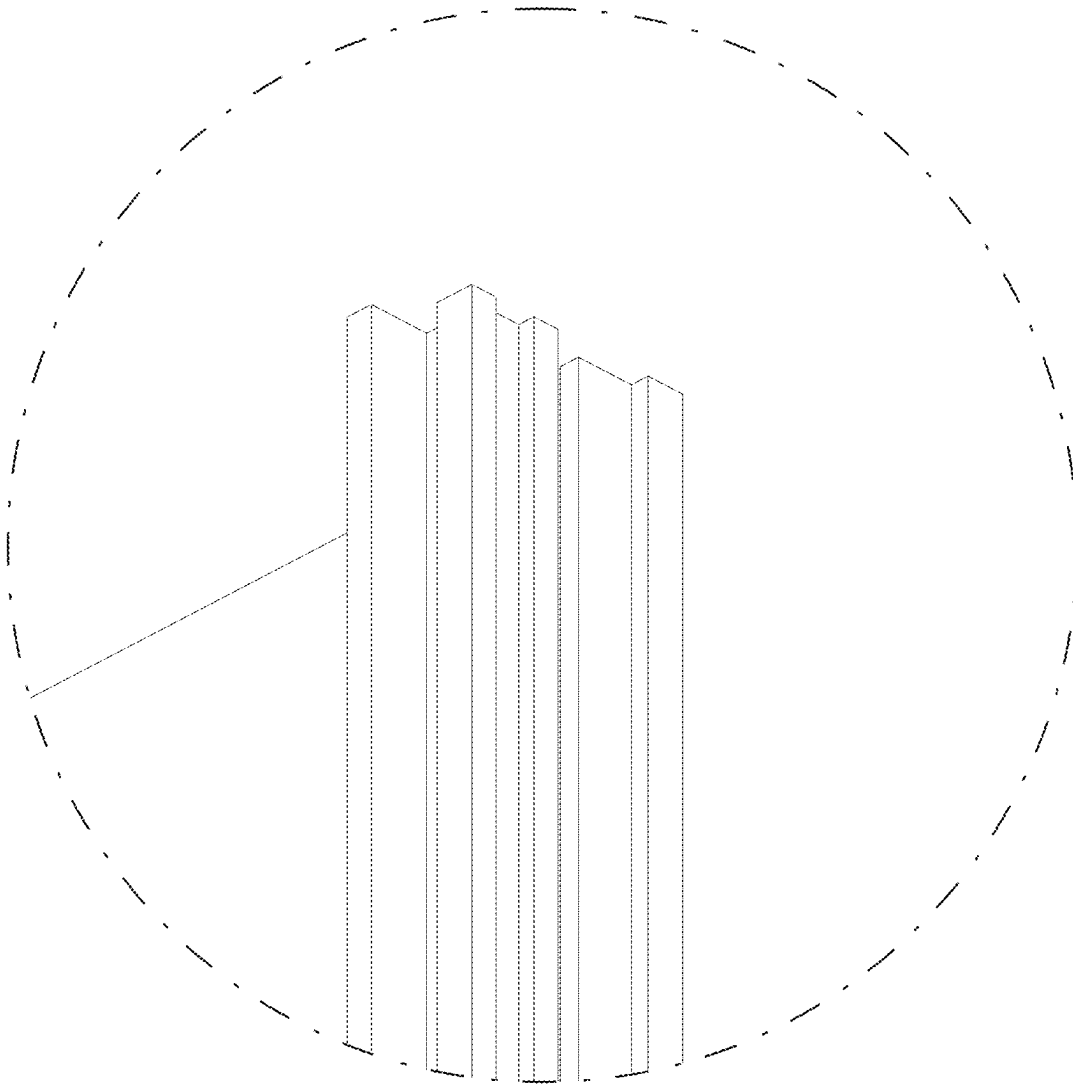


FIG. 17

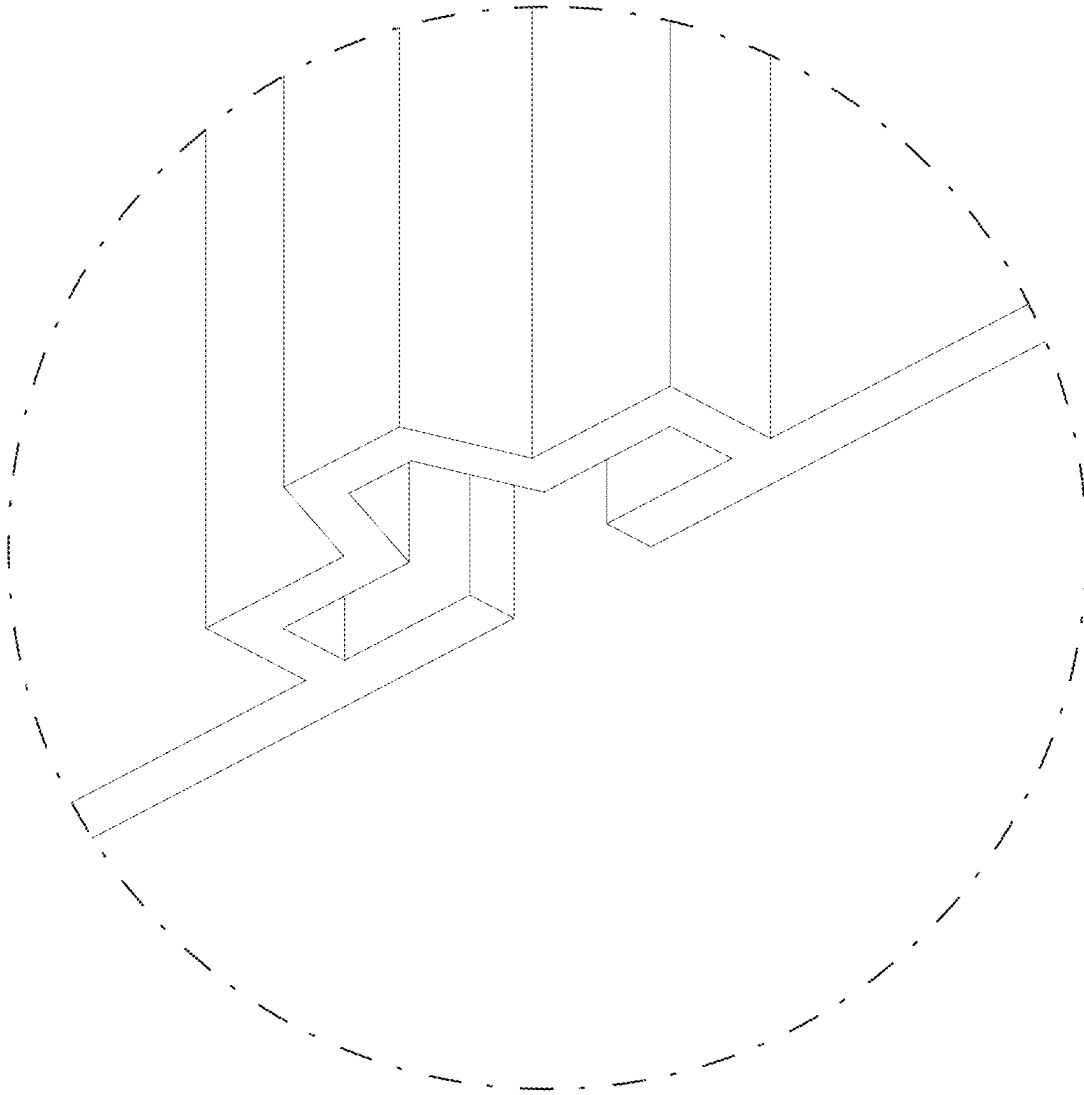


FIG. 18