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(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,091 S**  
**Zhao et al.** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **POWER SUPPLY WITH DUAL INPUTS**

(71) Applicant: **Delta Electronics (Shanghai) Co., Ltd.**, Shanghai (CN)

(72) Inventors: **Yucai Zhao**, Shanghai (CN); **Bing Fan**, Shanghai (CN); **Kai Dong**, Shanghai (CN); **Liangsong Che**, Shanghai (CN); **Junlai Huang**, Shanghai (CN)

(73) Assignee: **Delta Electronics (Shanghai) Co., Ltd.**, Shanghai (CN)

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

(21) Appl. No.: **29/965,863**

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**Related U.S. Application Data**

(62) Division of application No. 29/790,246, filed on Nov. 14, 2021.

(30) **Foreign Application Priority Data**

Jun. 18, 2021 (CN) ..... 202130377651.3

(51) **LOC (15) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/110**

(58) **Field of Classification Search**  
USPC ..... D13/110, 107, 108, 118, 123, 162, 164,  
D13/168, 169, 174, 177, 184, 199;  
D14/257, 432, 438

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D488,776 S 4/2004 Su et al.  
D491,523 S 6/2004 Chi et al.  
(Continued)

*Primary Examiner* — Derrick E Holland

(74) *Attorney, Agent, or Firm* — CKC & Partners Co., LLC

(57) **CLAIM**

The ornamental design for a power supply with dual inputs as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a power supply with dual inputs showing our new design;

FIG. 2 is another perspective view of the power supply with dual inputs of FIG. 1;

FIG. 3 is a front view of the power supply with dual inputs of FIG. 1;

FIG. 4 is a rear view of the power supply with dual inputs of FIG. 1;

FIG. 5 is a left view of the power supply with dual inputs of FIG. 1;

FIG. 6 is a right view of the power supply with dual inputs of FIG. 1;

FIG. 7 is a top view of the power supply with dual inputs of FIG. 1;

FIG. 8 is a bottom view of the power supply with dual inputs of FIG. 1;

FIG. 9 is an enlarged view of Part C of FIG. 1;

FIG. 10 is an enlarged view of Part D of FIG. 2;

FIG. 11 is a perspective view of a second embodiment of a power supply with dual inputs showing our new design;

FIG. 12 is another perspective view of the power supply with dual inputs of FIG. 11;

FIG. 13 is a left view of the power supply with dual inputs of FIG. 11;

FIG. 14 is a perspective view of a third embodiment of a power supply with dual inputs showing our new design;

FIG. 15 is another perspective view of the power supply with dual inputs of FIG. 14;

FIG. 16 is a left view of the power supply with dual inputs of FIG. 14;

FIG. 17 is a perspective view of a fourth embodiment of a power supply with dual inputs showing our new design;

FIG. 18 is another perspective view of the power supply with dual inputs of FIG. 17; and,

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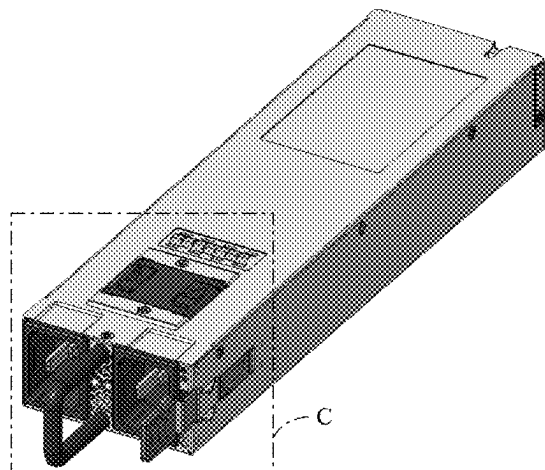


FIG. 19 is a left view of the power supply with dual inputs of FIG. 17.

The broken lines shown in FIG. 6 contain lightly shaded areas that depict the portions of the power supply with dual inputs that form no part of the claimed design.

The dash-dot broken lines that encase portions of FIGS. 1 and 2 and that border the FIGS. 9 and 10 indicate the boundary of the enlarged areas of the figures and form no part of the claimed design.

# **1 Claim, 11 Drawing Sheets**

## **(58) Field of Classification Search**

CPC ..... H05K 5/00; H05K 5/02; H05K 5/0004;  
H05K 5/0247; H05K 7/00; H05K 7/20;  
H05K 7/20136; H05K 7/20154; H05K  
7/209; H05K 7/1417; H05K 7/1427;  
H05K 7/20918; H02M 7/00; H02M  
7/003; H02J 7/0042; H02J 7/02; G06F  
1/26; G06F 1/185

See application file for complete search history.

(56)

## **References Cited**

### **U.S. PATENT DOCUMENTS**

D550,617	S *	9/2007	Wang .....	D13/101
7,675,749	B2 *	3/2010	Su .....	H05K 7/20909 361/695
D625,252	S	10/2010	Nguyen et al.	
9,451,721	B1	9/2016	Shih et al.	
D775,076	S *	12/2016	Tsai .....	D13/137.1
D789,887	S	6/2017	Zeng et al.	
D835,294	S	12/2018	Rathnam	
D852,151	S *	6/2019	Chou .....	D13/184
D875,044	S	2/2020	Chen	
D875,680	S *	2/2020	Chou .....	D13/110
D897,289	S *	9/2020	Busl .....	D13/110
D902,142	S *	11/2020	Zheng .....	D13/102
10,863,648	B2	12/2020	Zhang et al.	
D913,076	S	3/2021	Lu et al.	
D993,177	S	7/2023	Kuo et al.	
2004/0246662	A1 *	12/2004	Thurk .....	H02M 7/003 361/703
2013/0027887	A1 *	1/2013	Osato .....	H05K 7/20909 361/709
2019/0297749	A1 *	9/2019	Bernardin .....	H05K 7/1492
2020/0178423	A1	6/2020	Ledezma et al.	

\* cited by examiner

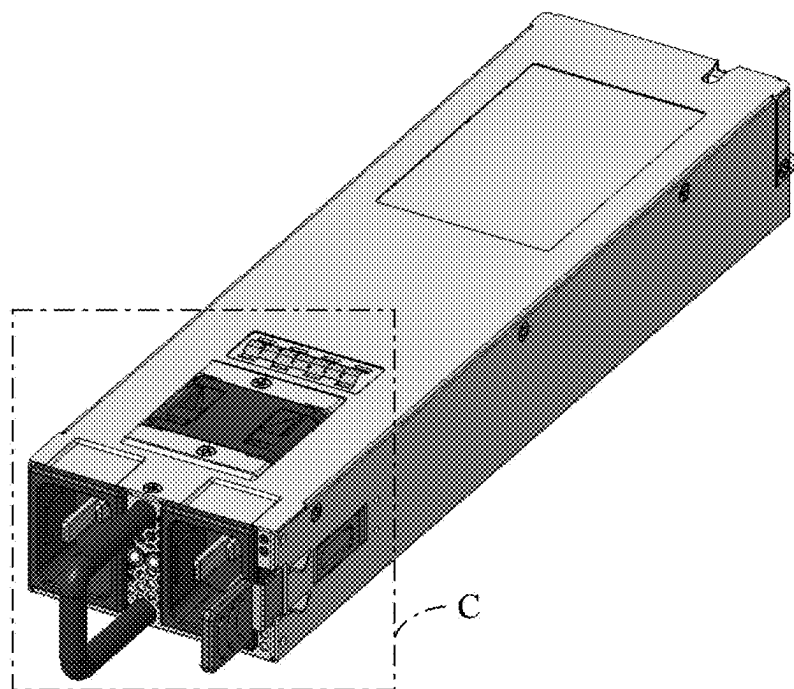


Fig. 1

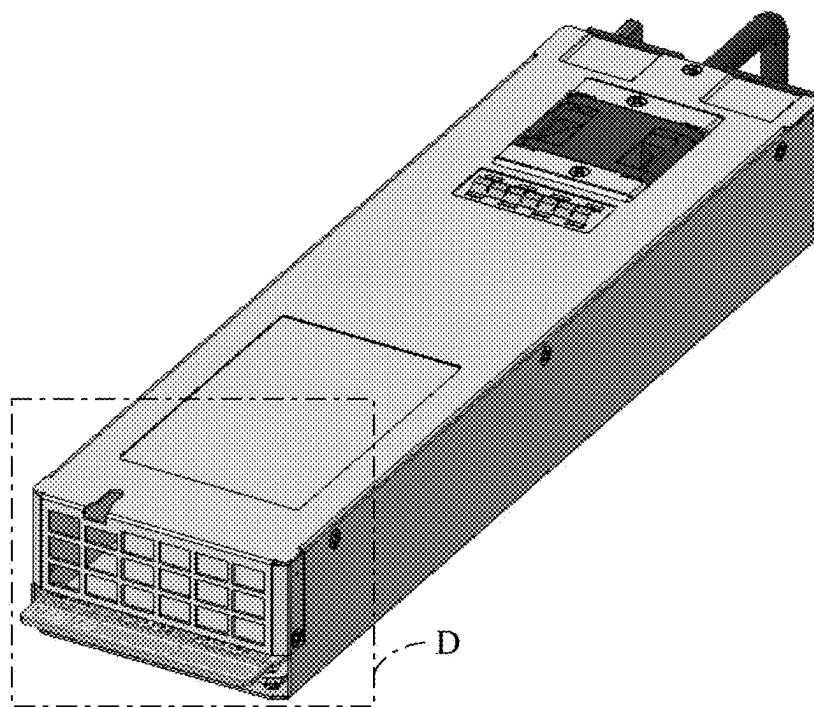


Fig. 2

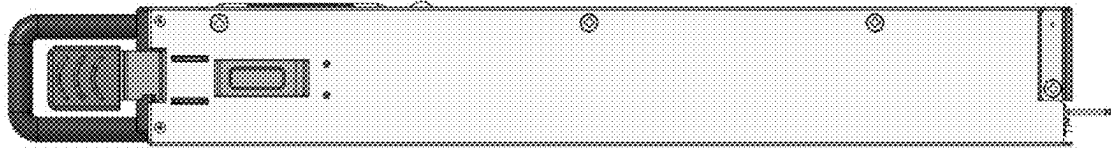


Fig. 3

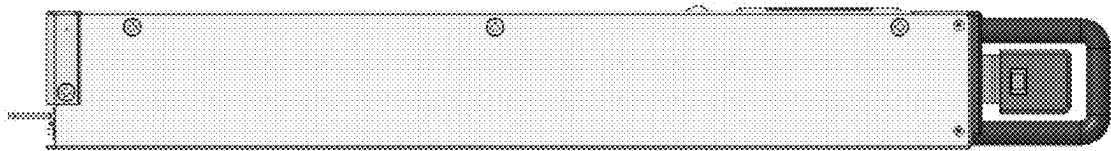


Fig. 4

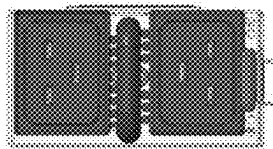


Fig. 5

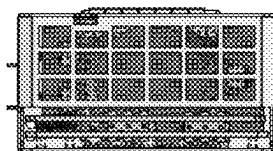


Fig. 6

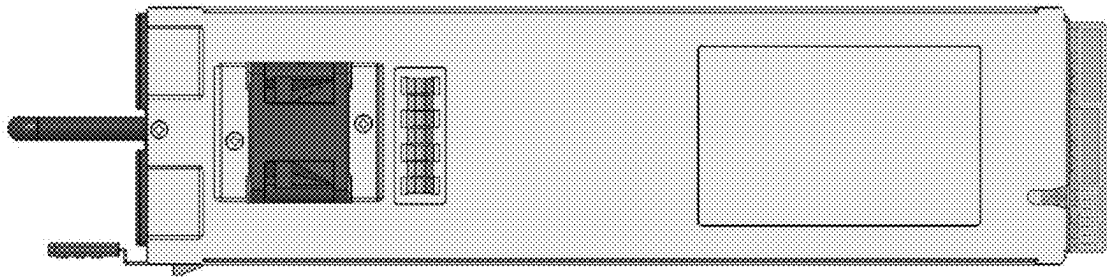


Fig. 7

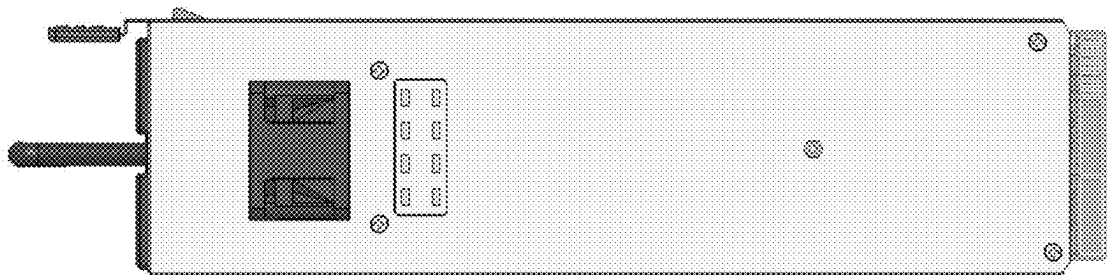


Fig. 8

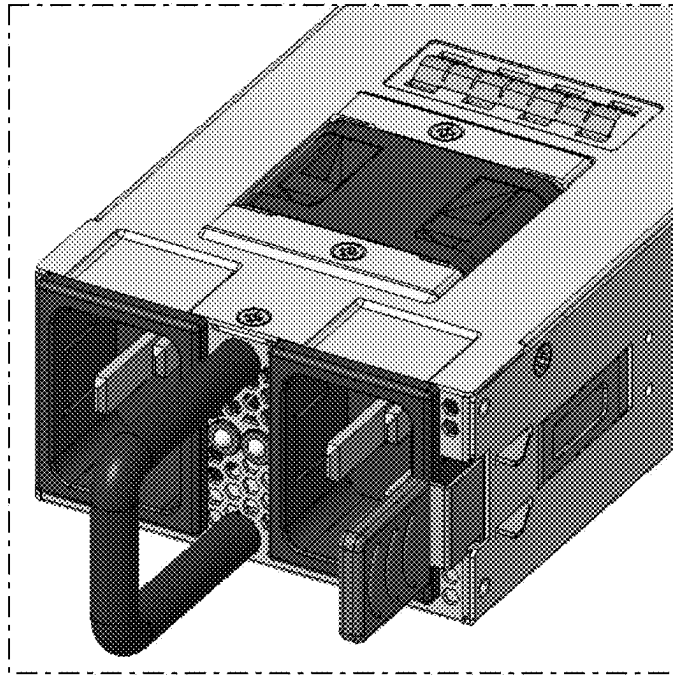


Fig. 9

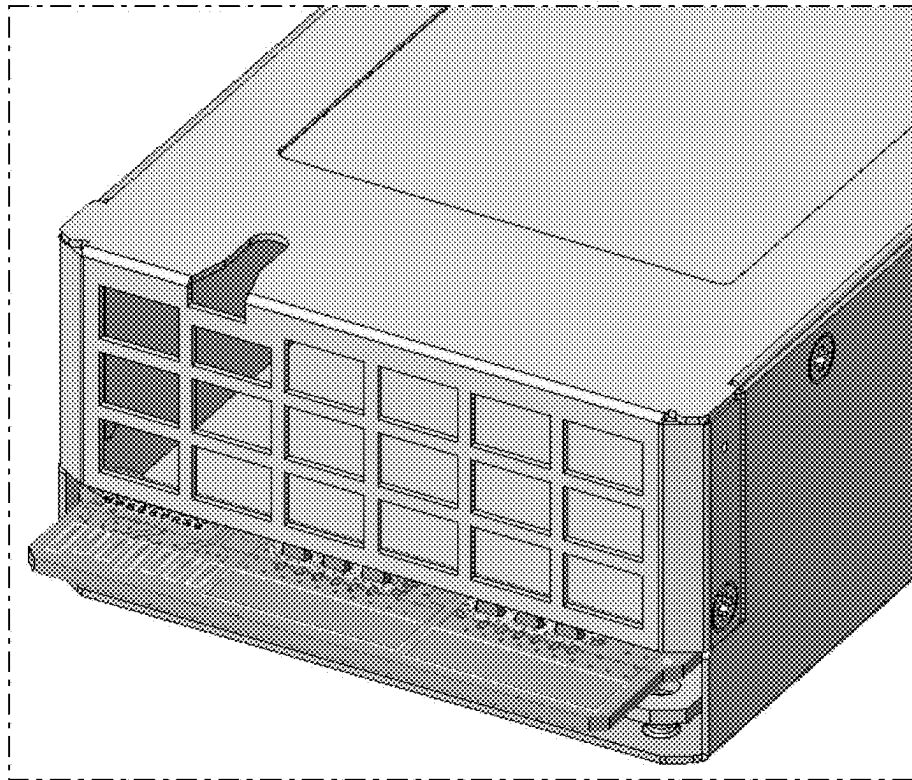


Fig. 10

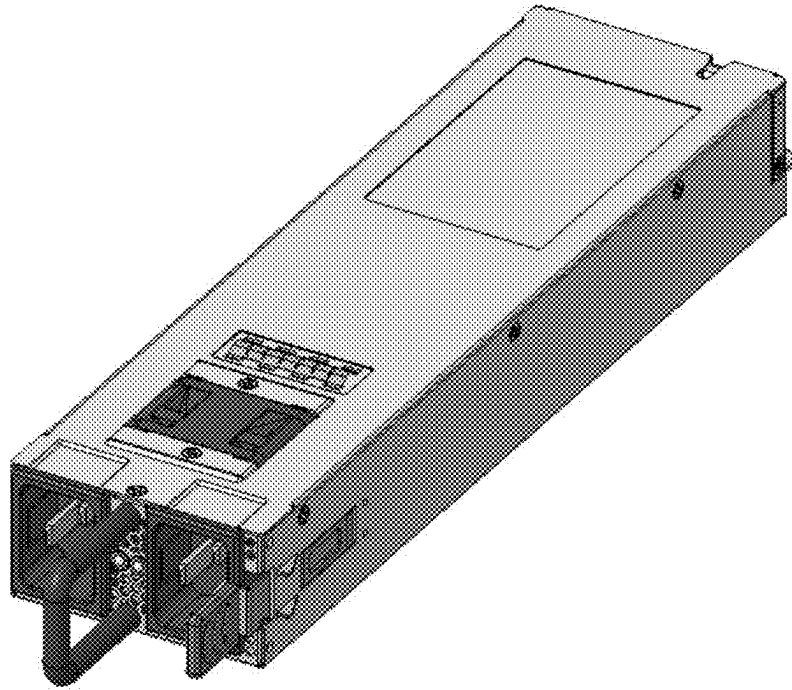


Fig. 11

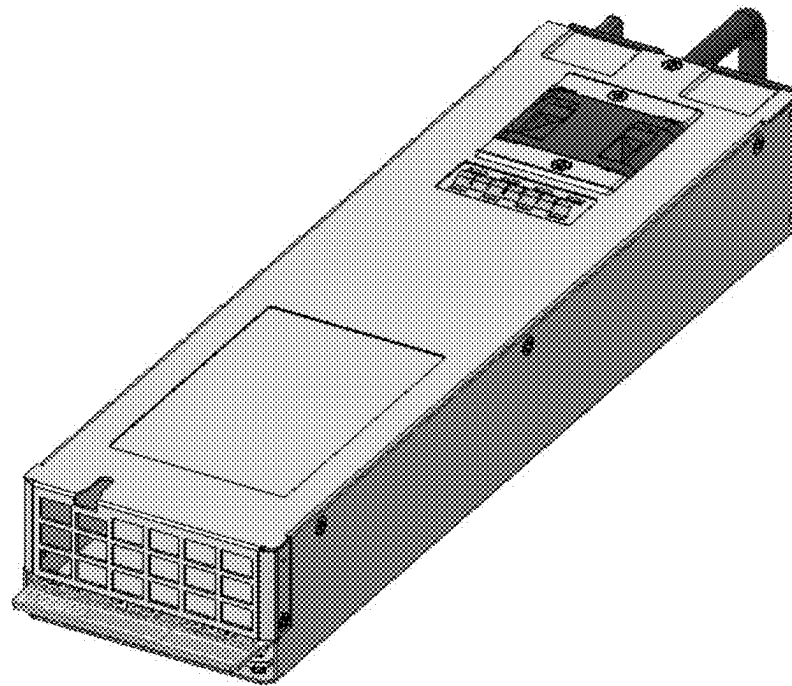


Fig. 12



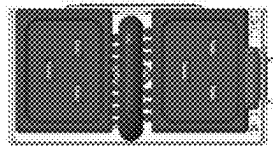


Fig. 13

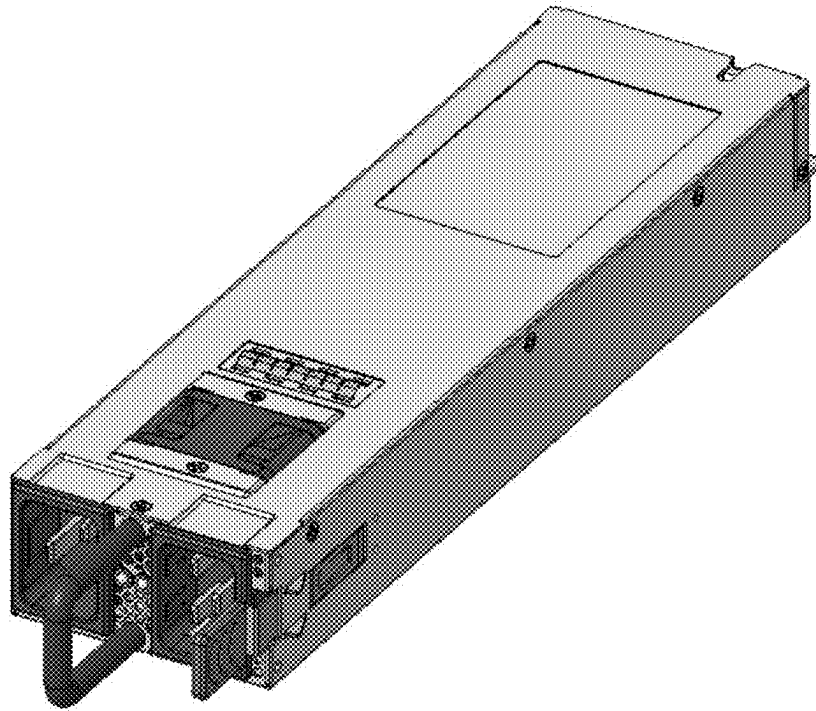


Fig.14

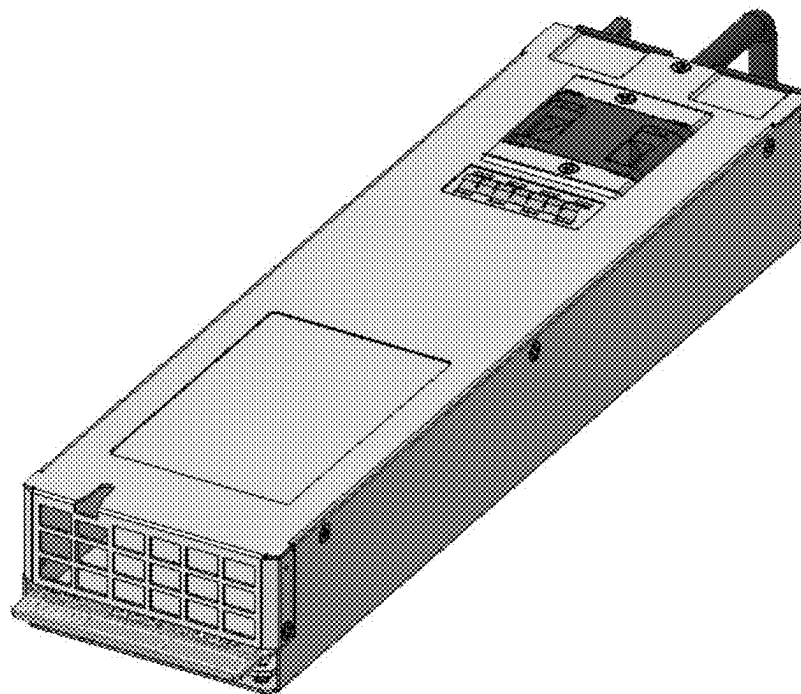


Fig. 15

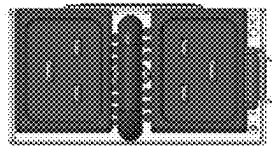


Fig. 16

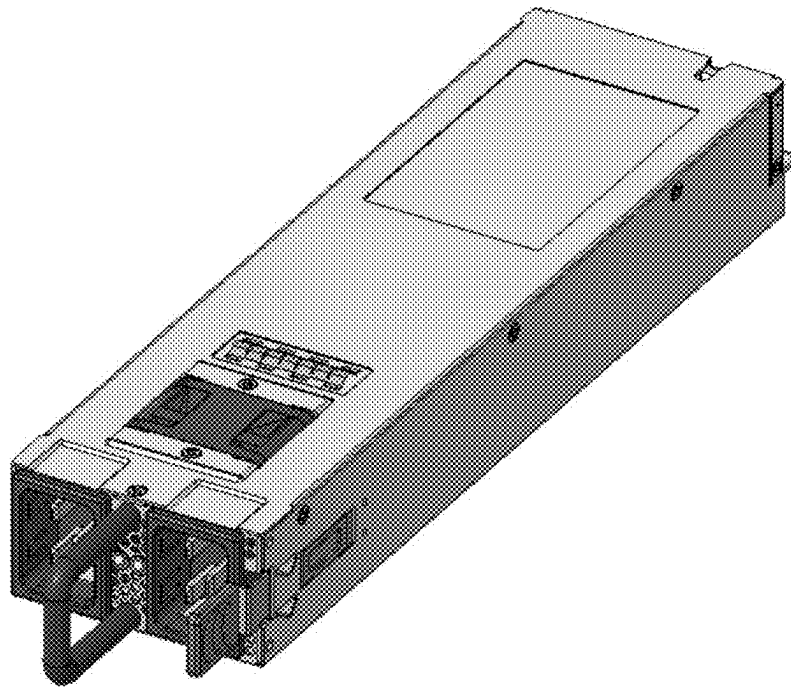


Fig. 17

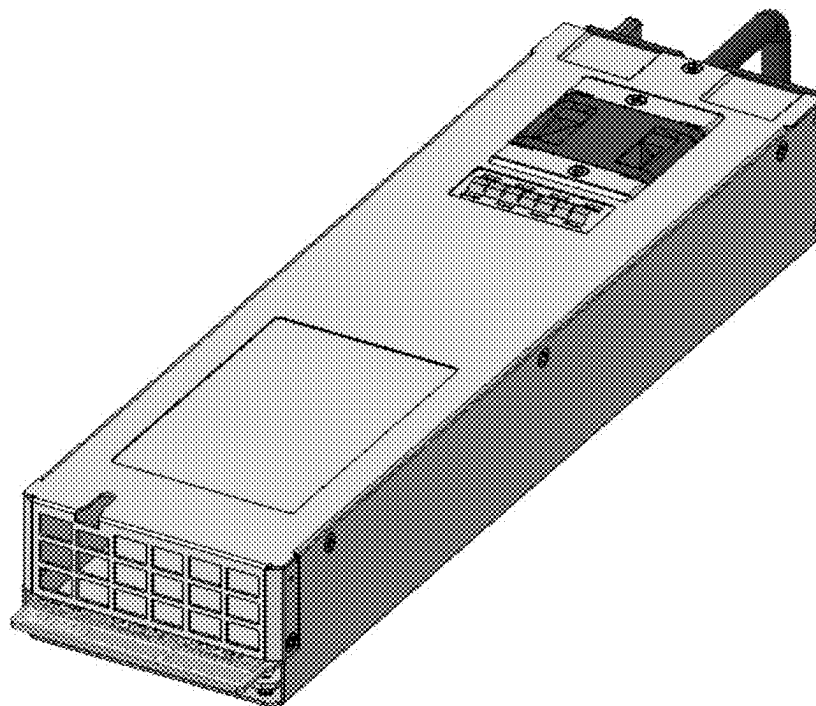


Fig. 18

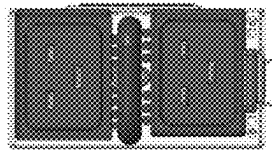


Fig. 19