



US00D718232S

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

(10) **Patent No.:** **US D718,232 S**

(45) **Date of Patent:** **\*\* Nov. 25, 2014**

- (54) **LEAD-ACID BATTERY**
- (71) Applicant: **NorthStar Battery Company, LLC**,  
Springfield, MO (US)
- (72) Inventors: **Steve Burns**, Springfield, MO (US);  
**John Hooke**, Springfield, MO (US);  
**John Semeniuk**, Springfield, MO (US);  
**Bob Shirk**, Springfield, MO (US)

D625,254 S *	10/2010	Mack et al. ....	D13/104
D635,508 S *	4/2011	Seyama et al. ....	D13/104
D643,811 S *	8/2011	Qualls et al. ....	D13/106
D657,739 S *	4/2012	Miyawaki et al. ....	D13/104
D659,088 S *	5/2012	Steinberg ....	D13/106
D660,226 S *	5/2012	Elison et al. ....	D13/104
D660,792 S *	5/2012	Inskip ....	D13/107
D665,342 S *	8/2012	Qualls et al. ....	D13/106
D665,343 S *	8/2012	Qualls et al. ....	D13/106

\* cited by examiner

- (73) Assignee: **NorthStar Battery Company, LLC**,  
Springfield, MO (US)

*Primary Examiner* — Rosemary K Tarcza

(74) *Attorney, Agent, or Firm* — Thompson Coburn LLP

(\*\*) Term: **14 Years**

(57) **CLAIM**

The ornamental design for a lead-acid battery, as shown and described.

(21) Appl. No.: **29/436,355**

(22) Filed: **Nov. 5, 2012**

**DESCRIPTION**

(51) **LOC (10) Cl.** ..... **13-02**

(52) **U.S. Cl.**

USPC ..... **D13/104**

(58) **Field of Classification Search**

USPC ..... D13/102–108, 110, 118–121, 184, 199;  
429/96–100, 149, 163, 176, 187

See application file for complete search history.

FIG. 1 shows the front view of the lead-acid battery design, the rear view being a mirror image thereof.  
 FIG. 2 shows the top view of the lead-acid battery design.  
 FIG. 3 shows the bottom view of the lead-acid battery design.  
 FIG. 4 shows the right view of the lead-acid battery design.  
 FIG. 5 shows the left view of the lead-acid battery design.  
 FIG. 6 is a perspective view showing the front, top and right of the lead-acid battery design; and,  
 FIG. 7 is a perspective view showing the front, top and left of the lead-acid battery design.

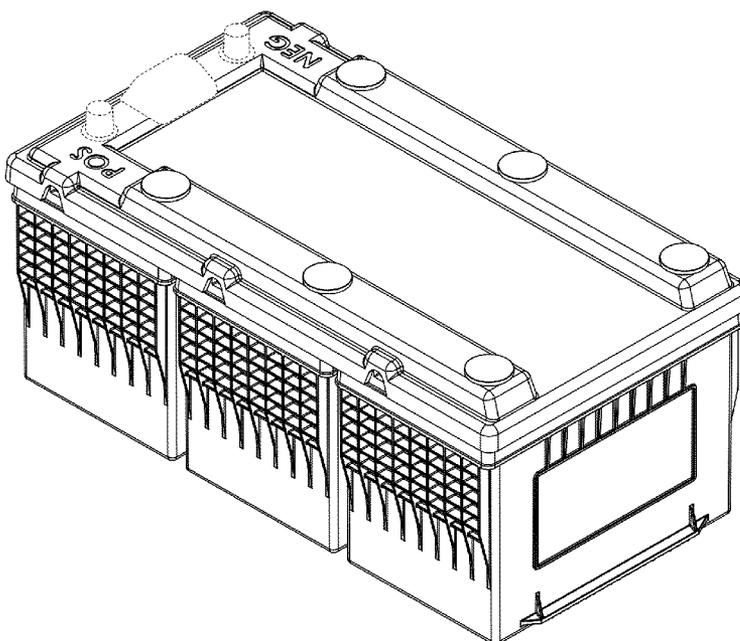
The broken lines in the drawings are for the purpose of illustrating unclaimed portions of the lead-acid battery and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D206,381 S *	12/1966	Brentrup .....	D13/104
D310,821 S *	9/1990	Hulsebus et al. ....	D13/104
D623,127 S *	9/2010	Seyama et al. ....	D13/104
D625,253 S *	10/2010	Mack et al. ....	D13/104

**1 Claim, 4 Drawing Sheets**



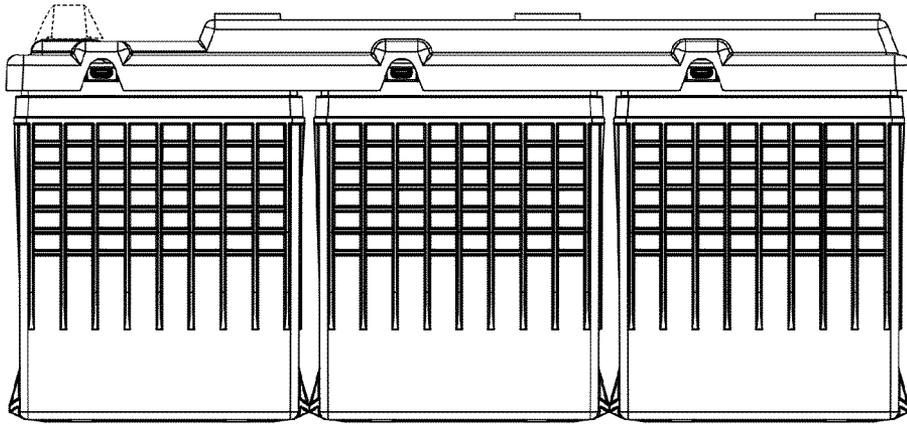


FIG. 1

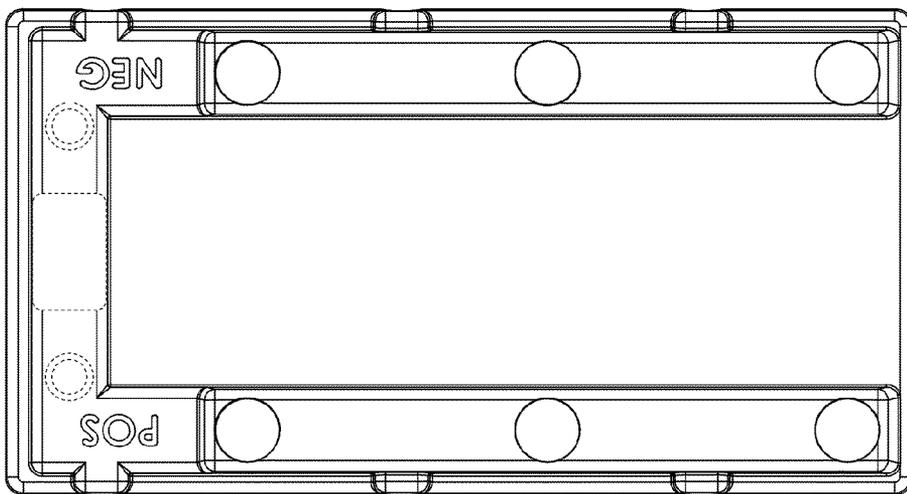


FIG. 2

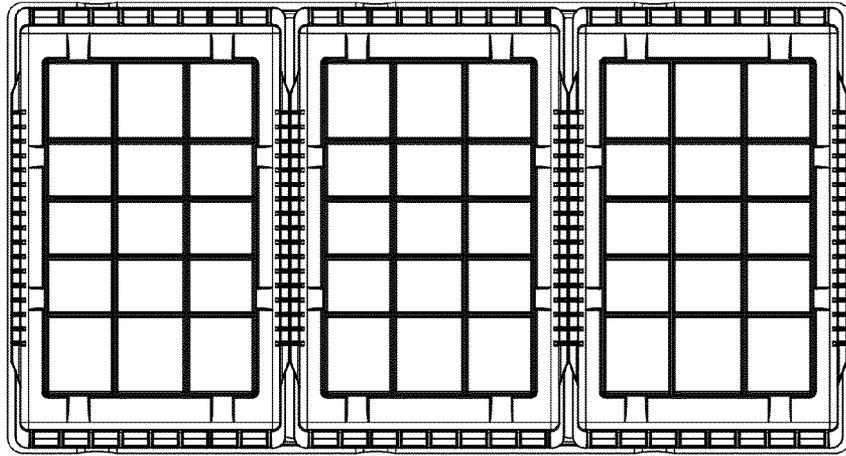


FIG. 3

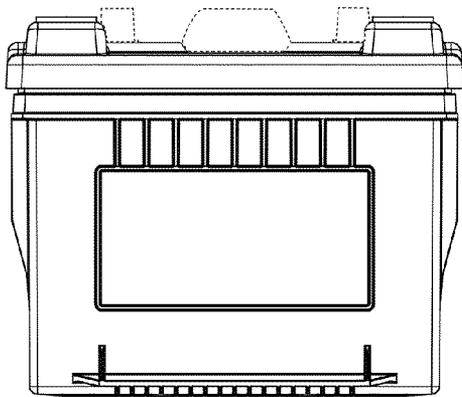


FIG. 4

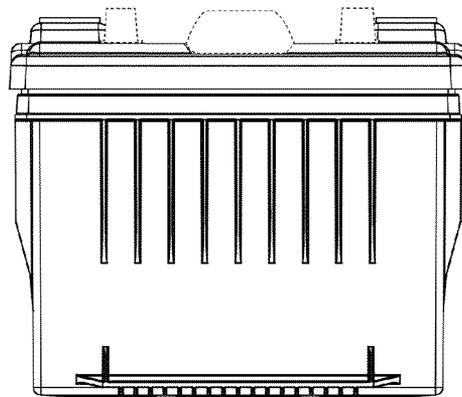


FIG. 5

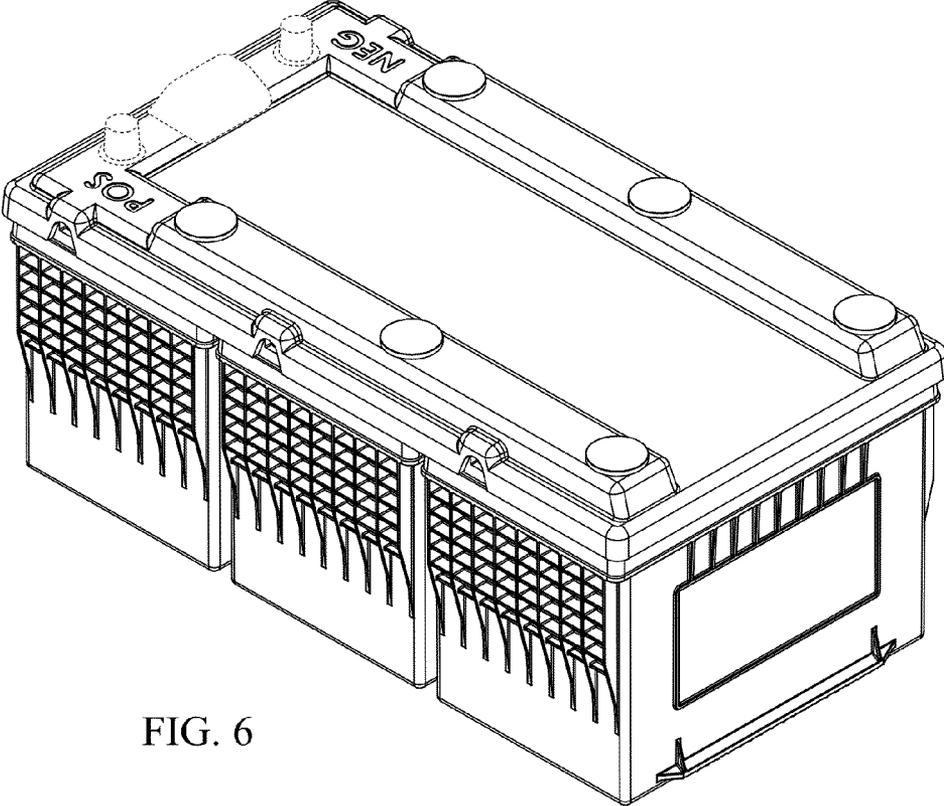


FIG. 6

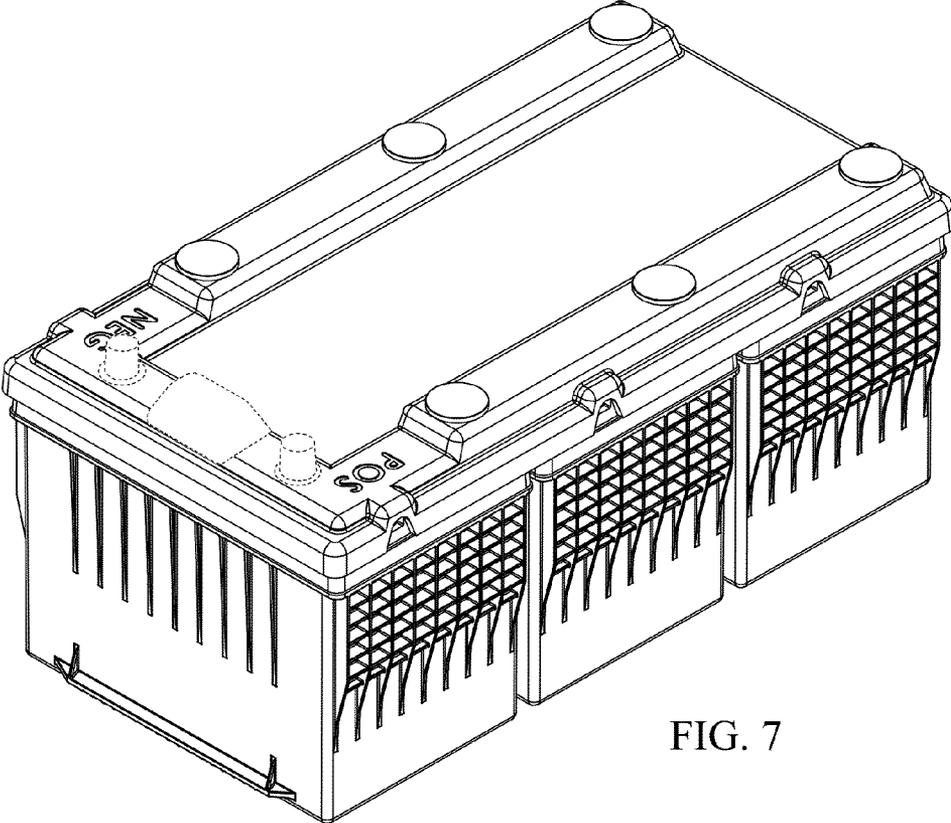


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D718,232 S  
APPLICATION NO. : 29/436355  
DATED : November 25, 2014  
INVENTOR(S) : Steve Burns et al.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete Title page with illustrative Fig., and replace with new Title page with illustrative Fig. (attached)

Delete Drawing Sheets 1-4, and replace with new Drawing Sheets 1-4. (attached)

Signed and Sealed this  
Third Day of May, 2016



Michelle K. Lee  
*Director of the United States Patent and Trademark Office*

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Primary Examiner — Rosemary K Tarcza

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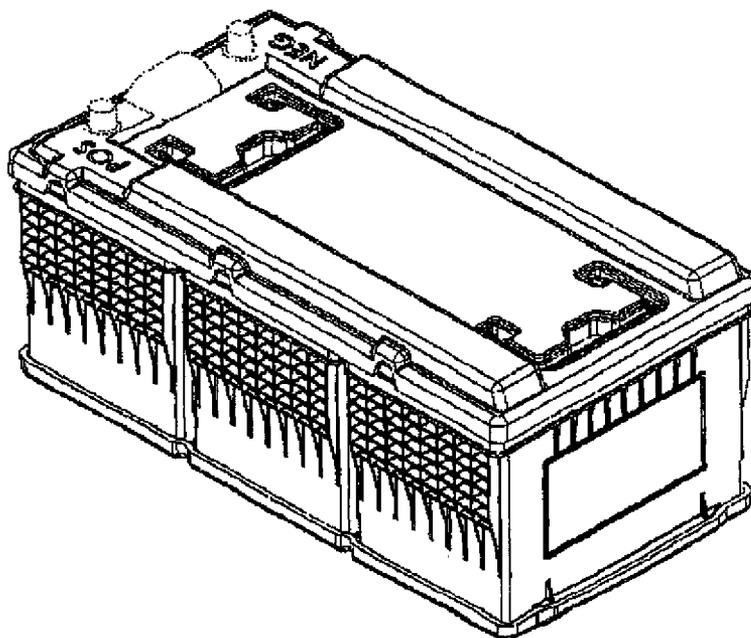
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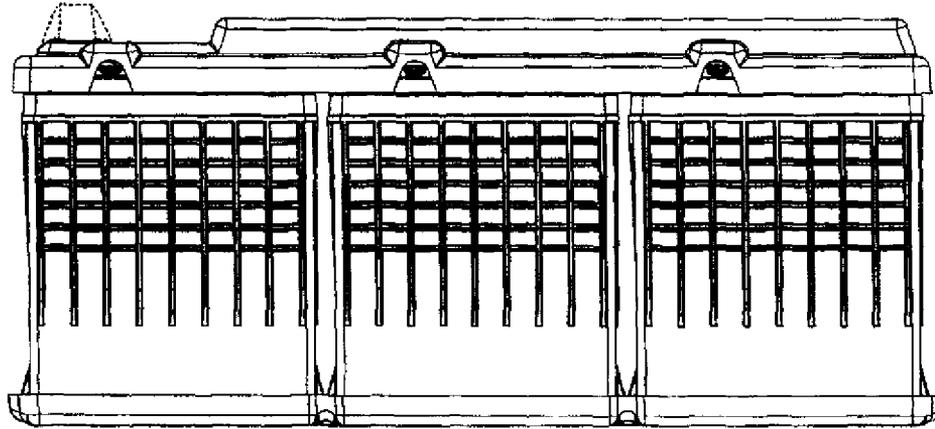


FIG. 1

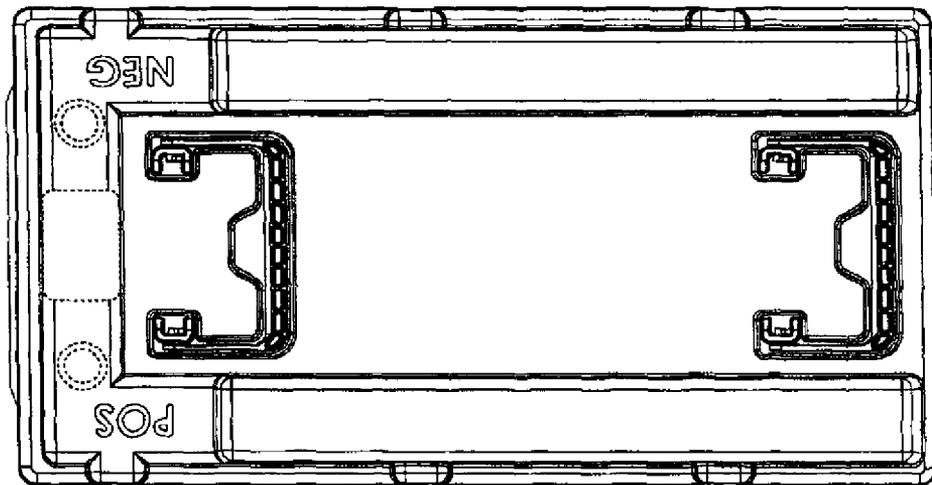


FIG. 2

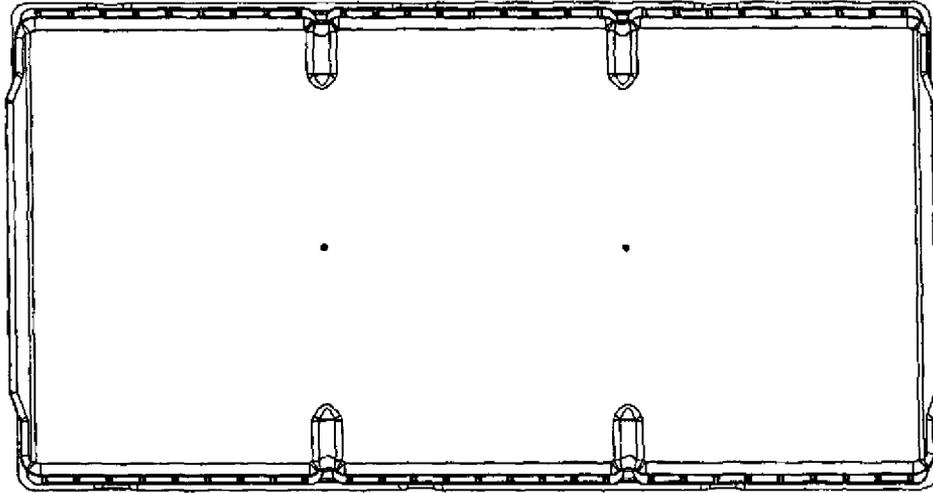


FIG. 3

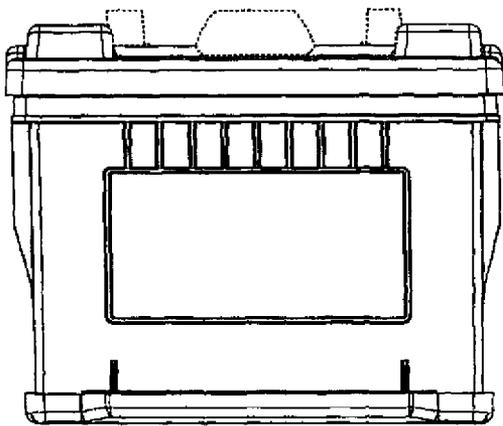


FIG. 4

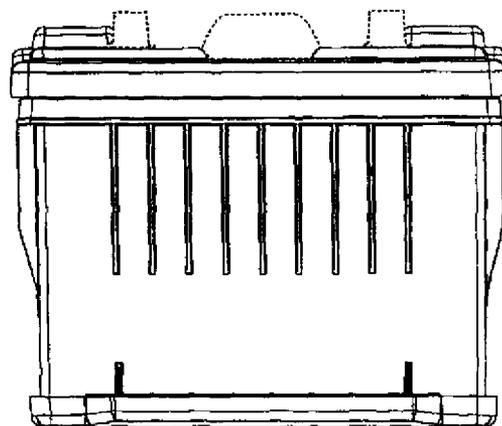


FIG. 5

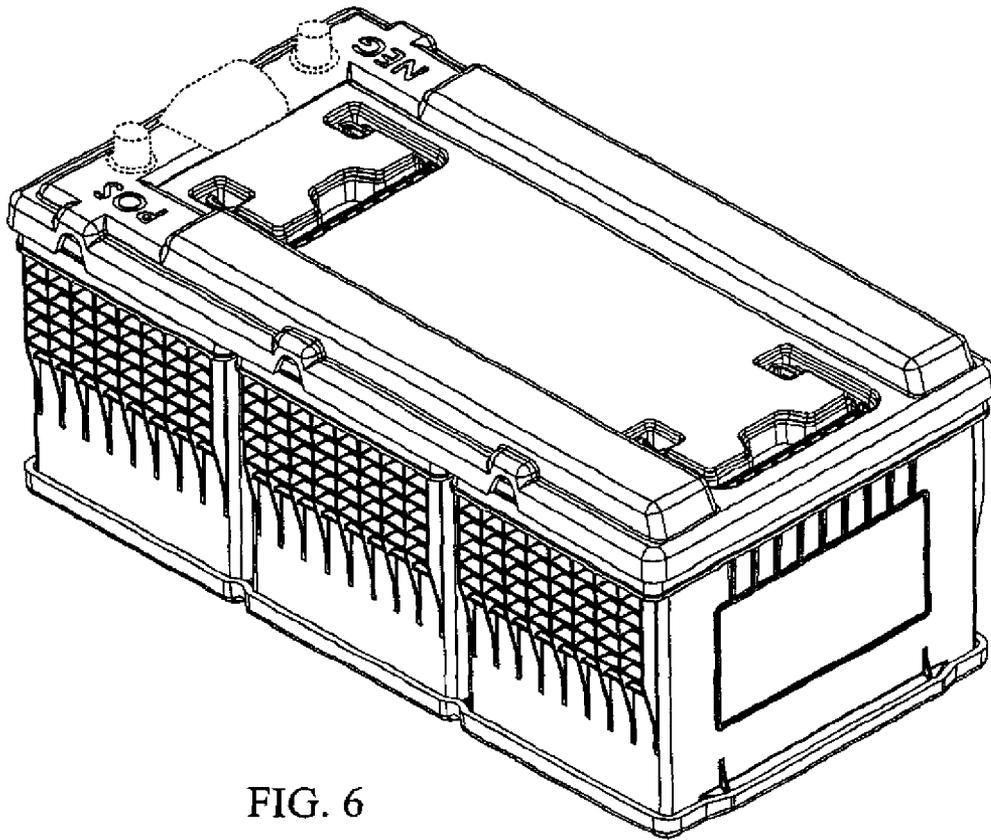


FIG. 6

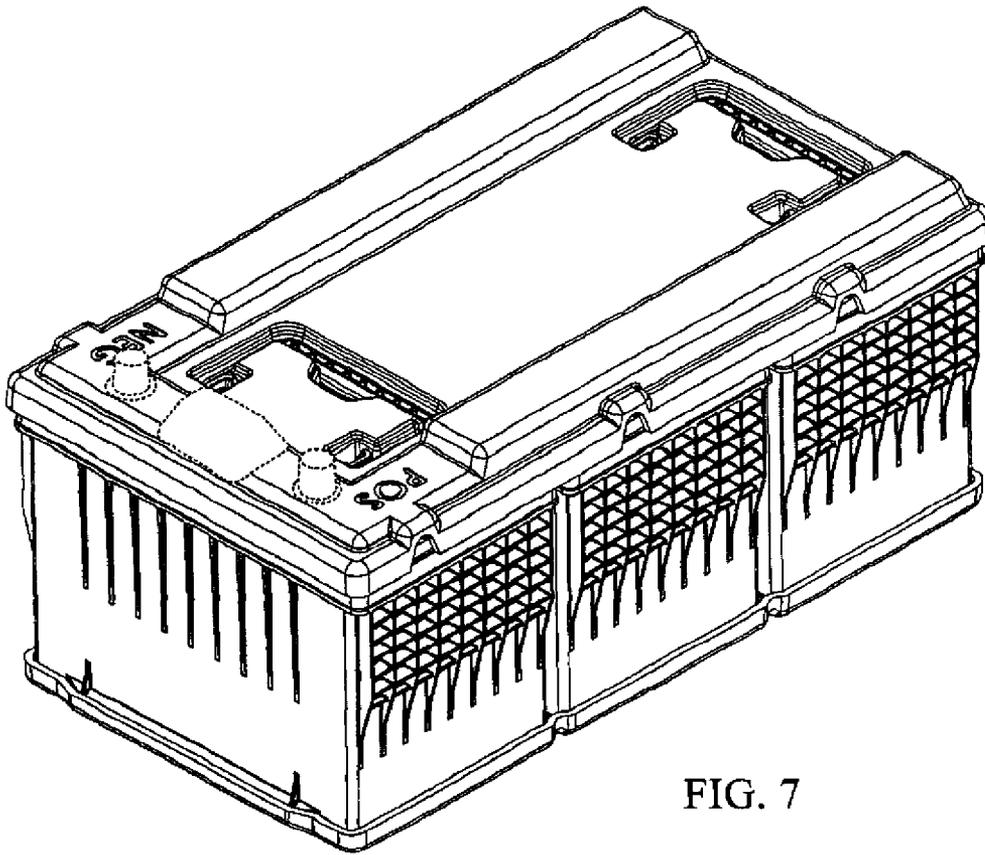


FIG. 7