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

(10) **Patent No.: US D1,077,377 S**

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(54) **RAISED LITTER BOX STORAGE SYSTEM**

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

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(51) **LOC (15) Cl.** ..... **30-11**

(52) **U.S. Cl.**  
USPC ..... **D30/161**

(58) **Field of Classification Search**

USPC ..... D30/108, 109, 112, 117, 161, 162;  
D7/545, 554.3; D6/663, 667, 668  
CPC ..... B07B 1/02; B65F 1/04; A01K 1/0107;  
A01K 1/0117; A01K 1/0114; A01K 1/011  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|              |    |   |         |            |       |                        |
|--------------|----|---|---------|------------|-------|------------------------|
| D103,717     | S  | * | 3/1937  | Flanagan   | ..... | D6/667                 |
| D131,147     | S  | * | 1/1942  | Richardson | ..... | D30/118                |
| D147,611     | S  | * | 10/1947 | Brenner    | ..... | D6/667                 |
| D175,570     | S  | * | 9/1955  | Stanitz    | ..... | D6/663                 |
| D248,913     | S  | * | 8/1978  | Robinson   | ..... | D6/667                 |
| D422,807     | S  | * | 4/2000  | Tisbo      | ..... | D6/671.1               |
| D533,687     | S  | * | 12/2006 | Bull       | ..... | D30/118                |
| D601,312     | S  | * | 9/2009  | Pettys     | ..... | D30/161                |
| D842,555     | S  | * | 3/2019  | Chen       | ..... | D30/118                |
| 2006/0196439 | A1 | * | 9/2006  | Chilcoat   | ..... | A01K 1/0114<br>119/165 |
| 2006/0272590 | A1 | * | 12/2006 | Pettys     | ..... | A01K 1/0107<br>119/165 |
| 2020/0267927 | A1 | * | 8/2020  | Duncan     | ..... | A01K 1/0107            |

|              |    |   |         |             |       |                        |
|--------------|----|---|---------|-------------|-------|------------------------|
| 2022/0279749 | A1 | * | 9/2022  | Leiker      | ..... | A01K 1/0107            |
| 2022/0361439 | A1 | * | 11/2022 | Leiker      | ..... | A01K 1/0107            |
| 2023/0217886 | A1 | * | 7/2023  | Kirkpatrick | ..... | A01K 1/0052<br>119/165 |

(Continued)

**OTHER PUBLICATIONS**

U.S. Appl. No. 29/162,155, filed Sep. 2003, Walker David.\*

(Continued)

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(57) **CLAIM**

The ornamental design for a raised litter box storage system,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a front, right, top perspective view of the raised  
litter box storage system, in a state of use;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a right view thereof;

FIG. 5 is a left view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a front, top, fully opened perspective view thereof;

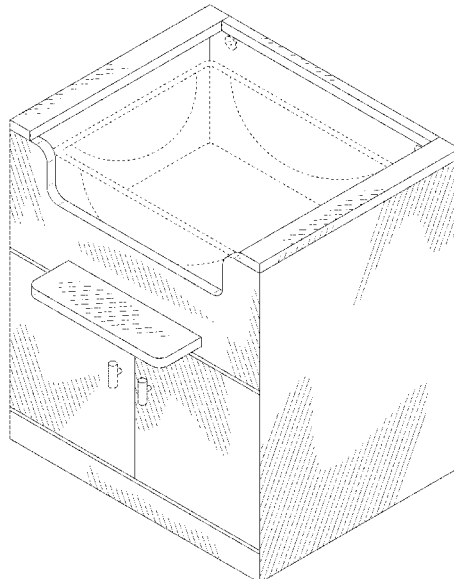
FIG. 9 is a front, top, partially opened perspective view  
thereof;

FIG. 10 is a front, top, partially opened perspective view  
thereof; and,

FIG. 11 is a front, top, fully opened perspective view thereof,  
in a state of use.

The broken lines depict portions of the raised litter box  
storage system and form no part of the claimed design. In  
FIGS. 1 and 11, the broken lines showing a box and products  
depict environment and form no part of the claimed design.

**1 Claim, 11 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2024/0188532 A1\* 6/2024 Wu ..... A01K 1/0125

OTHER PUBLICATIONS

U.S. Appl. No. 29/225,877, filed Jan. 2, 2007, Matt Charnik.\*  
U.S. Appl. No. 29/581,393, filed Dec. 12, 2017, Chen Yanxin.\*  
U.S. Appl. No. 29/701,323, filed Jan. 4, 2022, Chen Yanxin.\*  
Hide and Scratch—posted Jun. 27, 2019—retrieved Jul. 19, 2024\_  
Retrieved from Internet \_ <https://www.amazon.com/Hide-Scratch-Extra-Large-Cardboard-Refillable/dp/B0B297L39F?th=1> (Year: 2019).\*  
Legion Furniture—posted Oct. 3, 2013—retrieved Jul. 19, 2024\_  
Retrieved from Internet \_ <https://www.amazon.com/Legion-Furniture-Farmhouse-Single-Bathroom/dp/B00EGJ9ILI?th=1> (Year: 2013).\*  
Waterworks Concession Sinks—posted Jan. 20, 2021—retrieved  
Jul. 19, 2024\_ Retrieved from Internet \_ <https://www.amazon.com/Premier-Portable-Handwashing-Station-Water/dp/B08TL3WHMQ>  
(Year: 2021).\*

\* cited by examiner

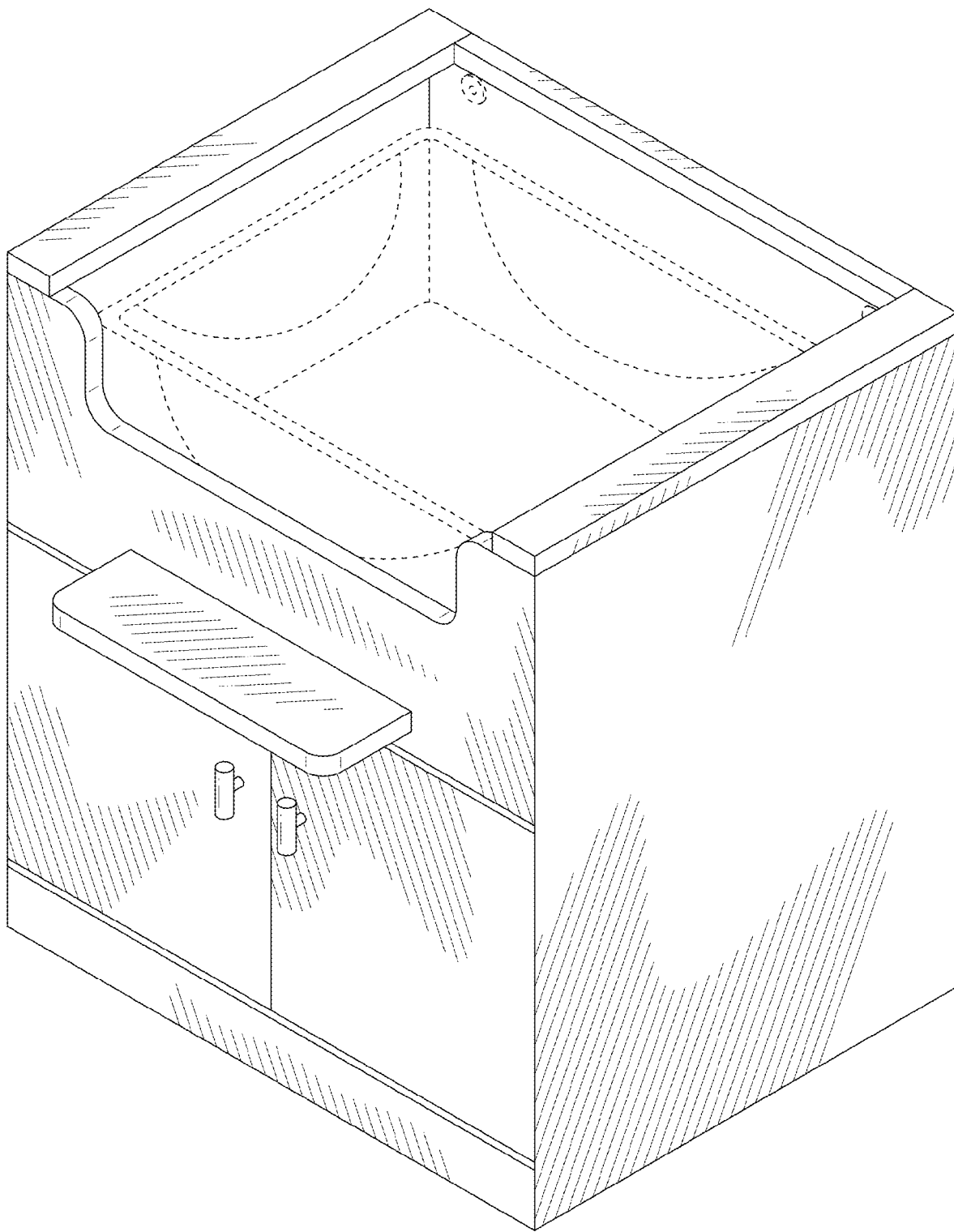


FIG. 1

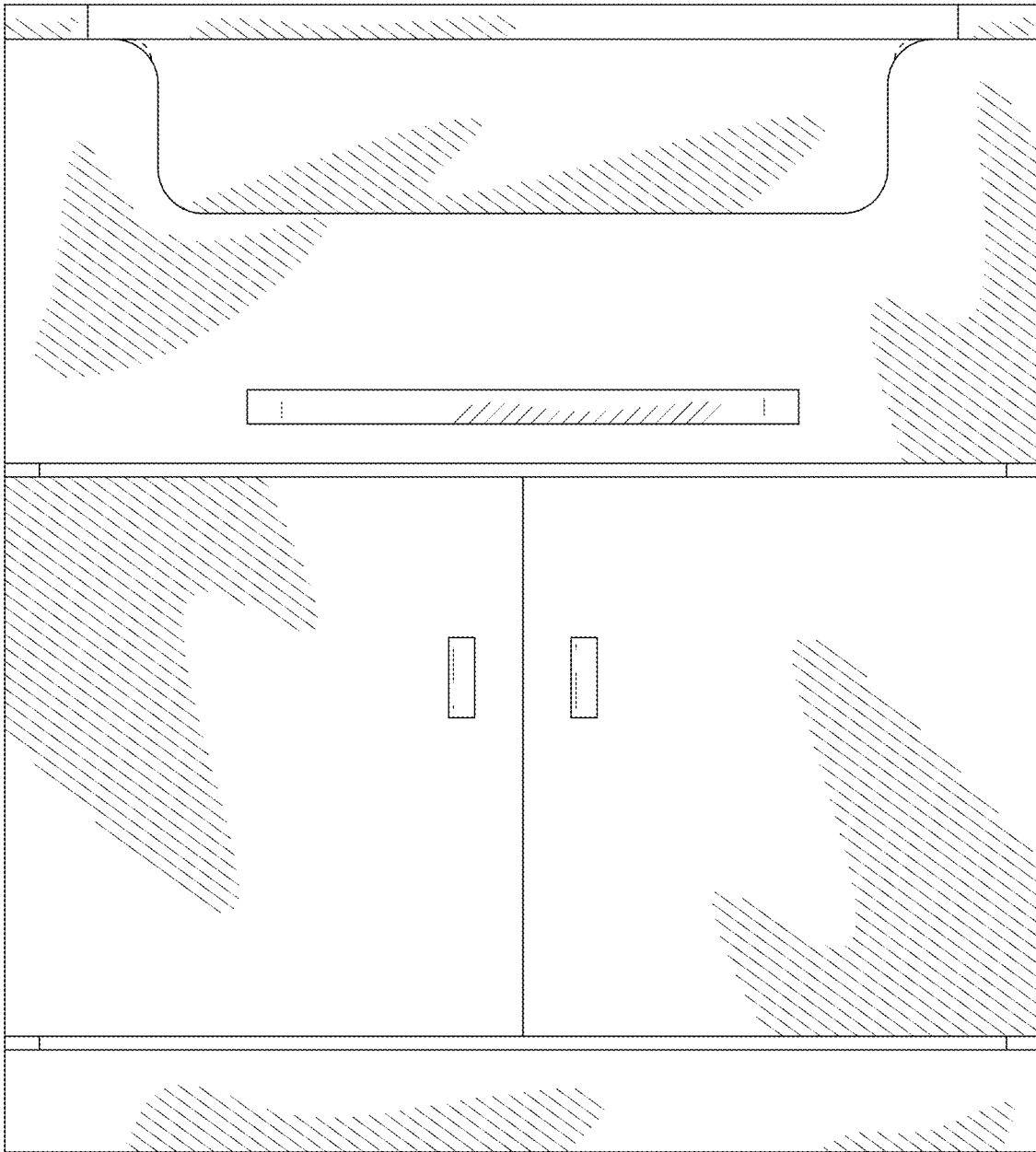


FIG. 2

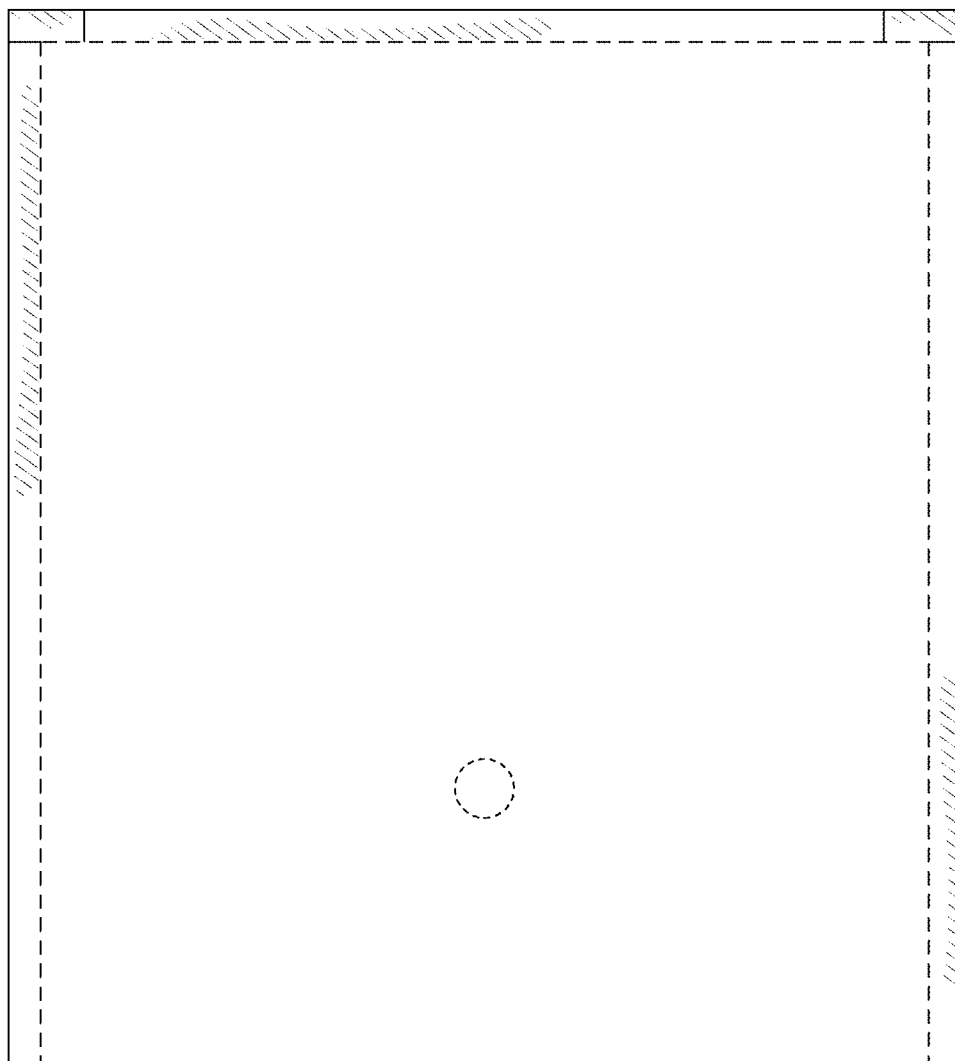


FIG. 3



FIG. 4

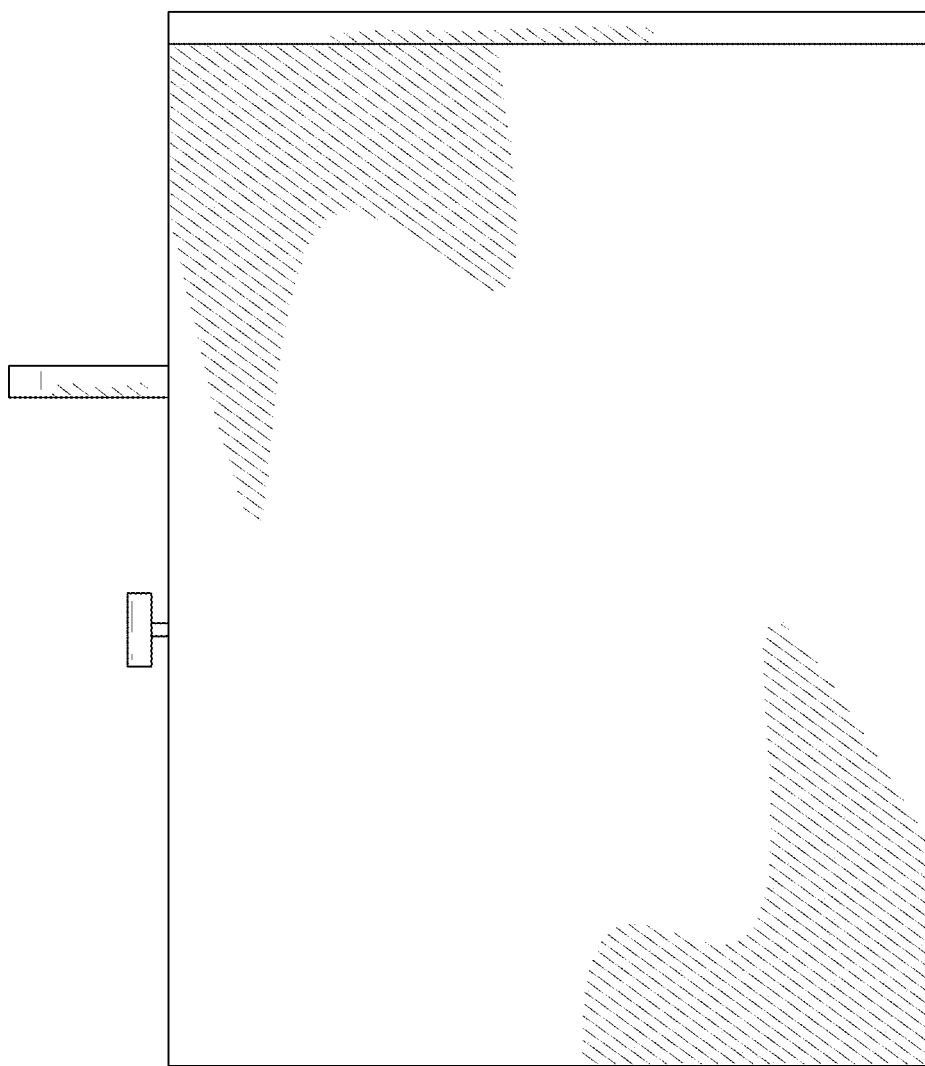


FIG. 5

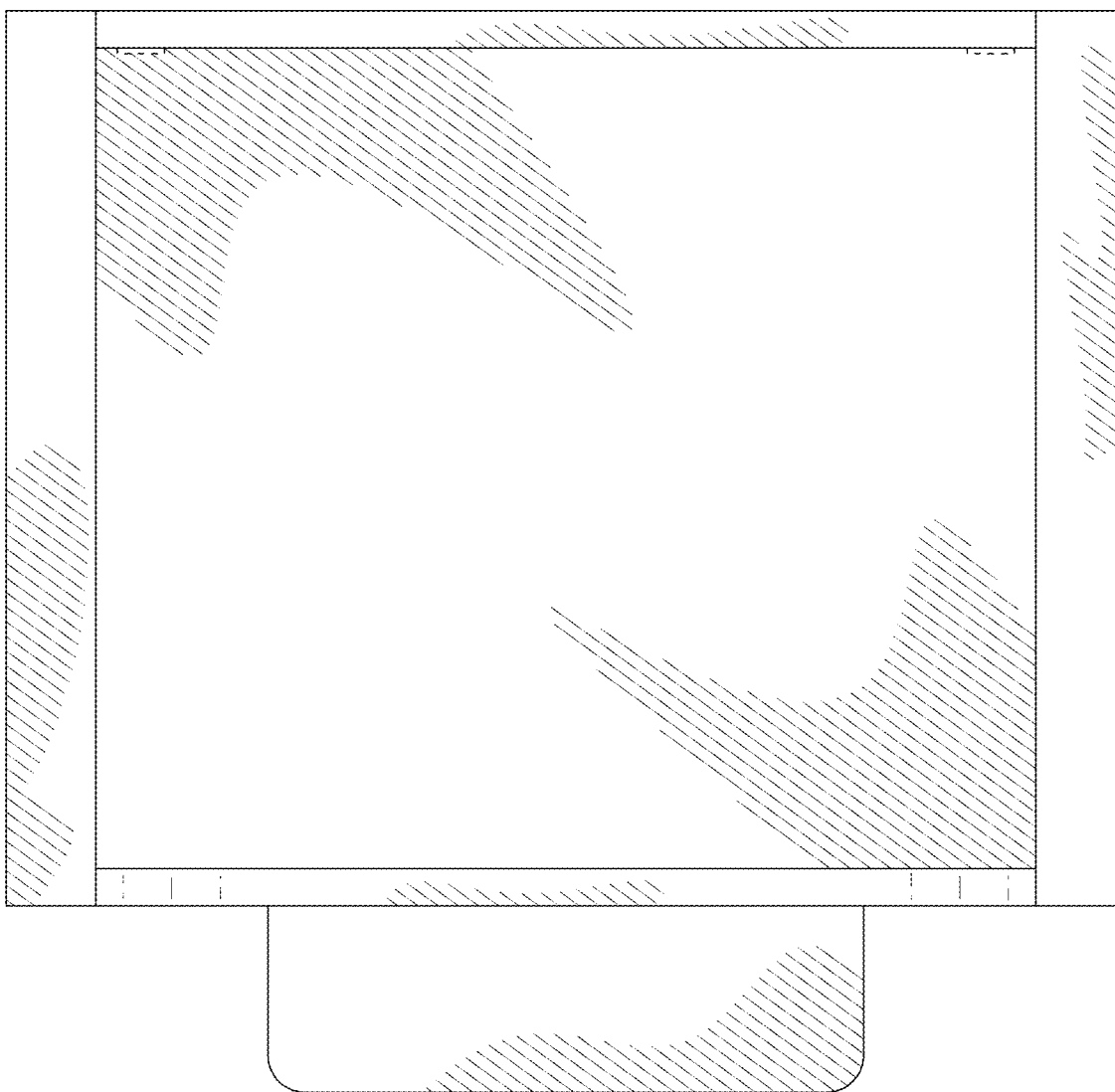


FIG. 6



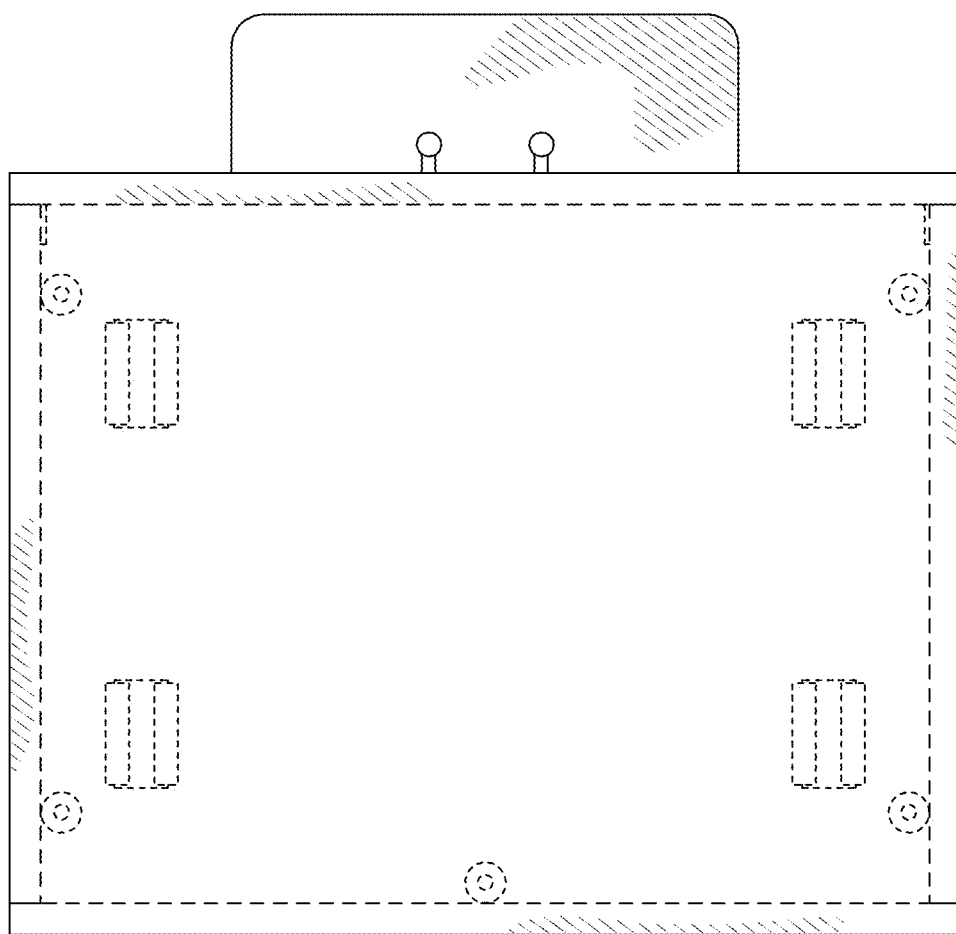


FIG. 7

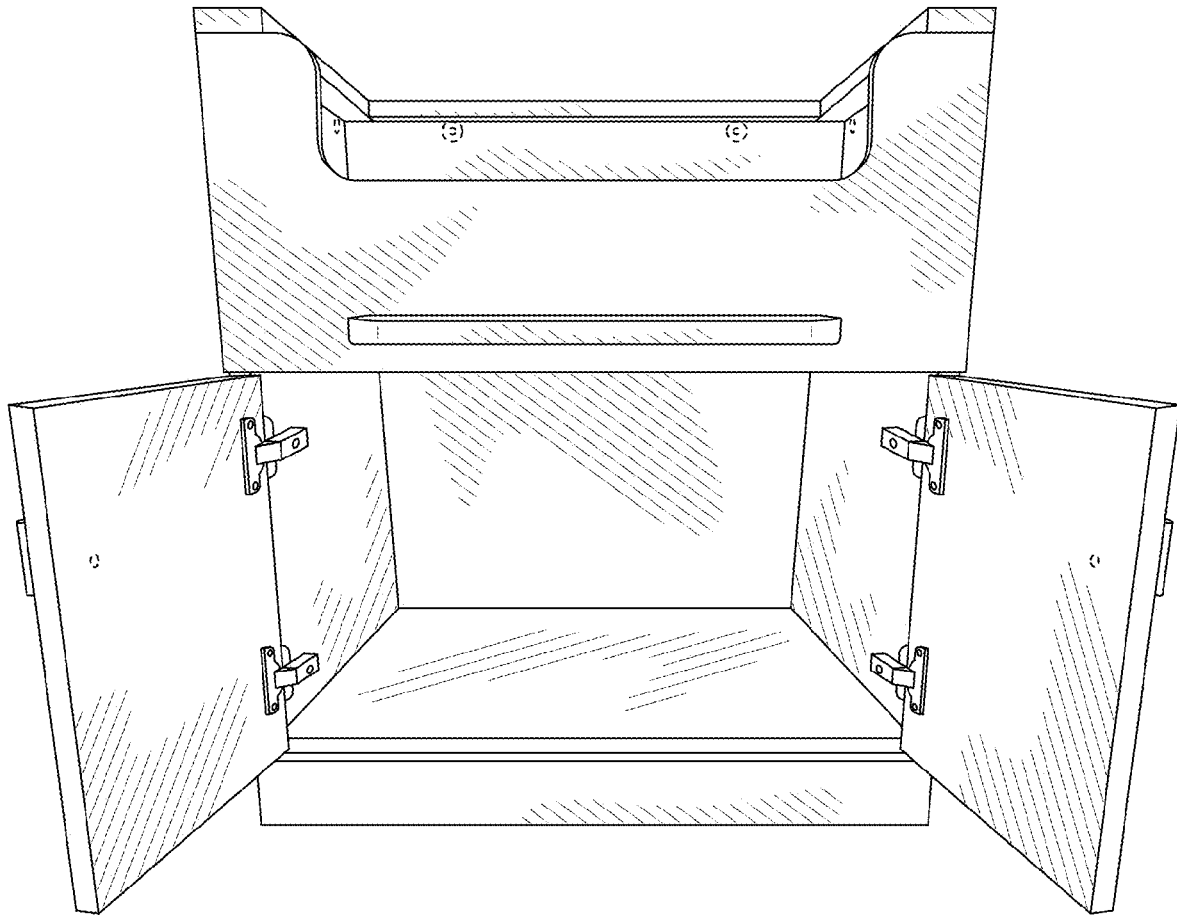


FIG. 8

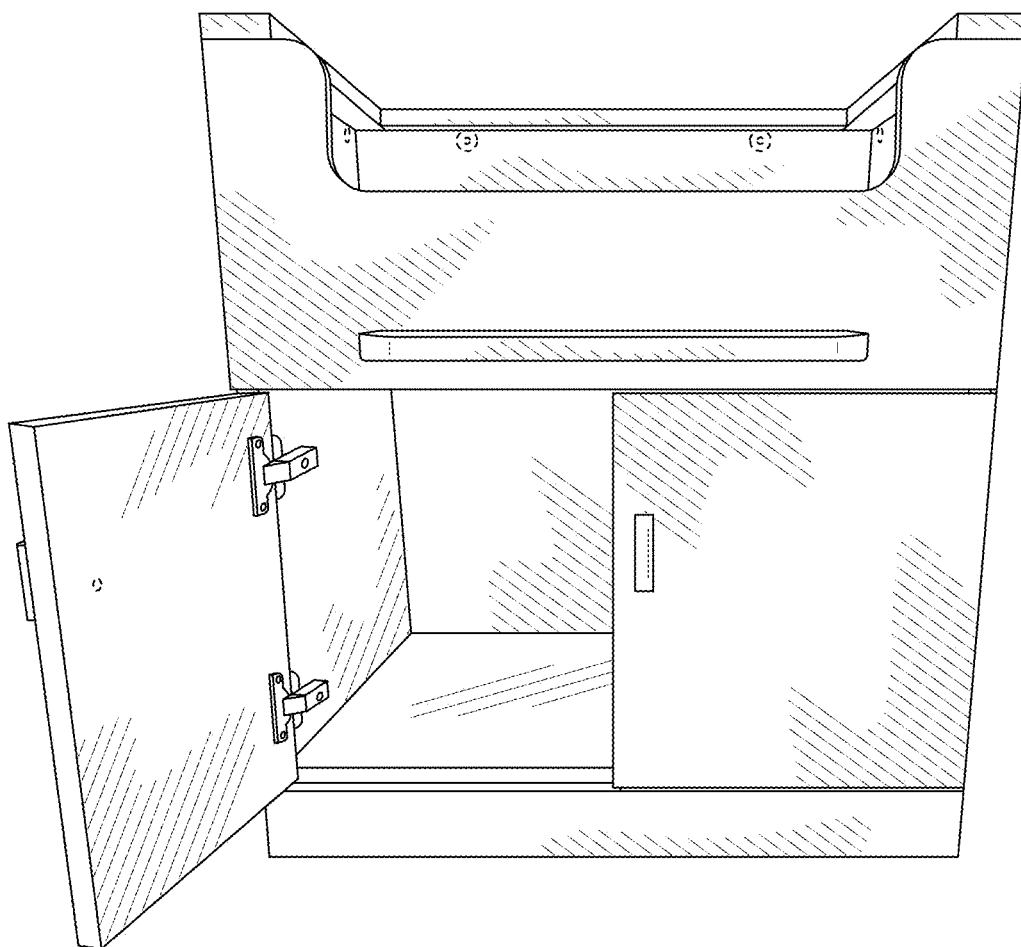


FIG. 9

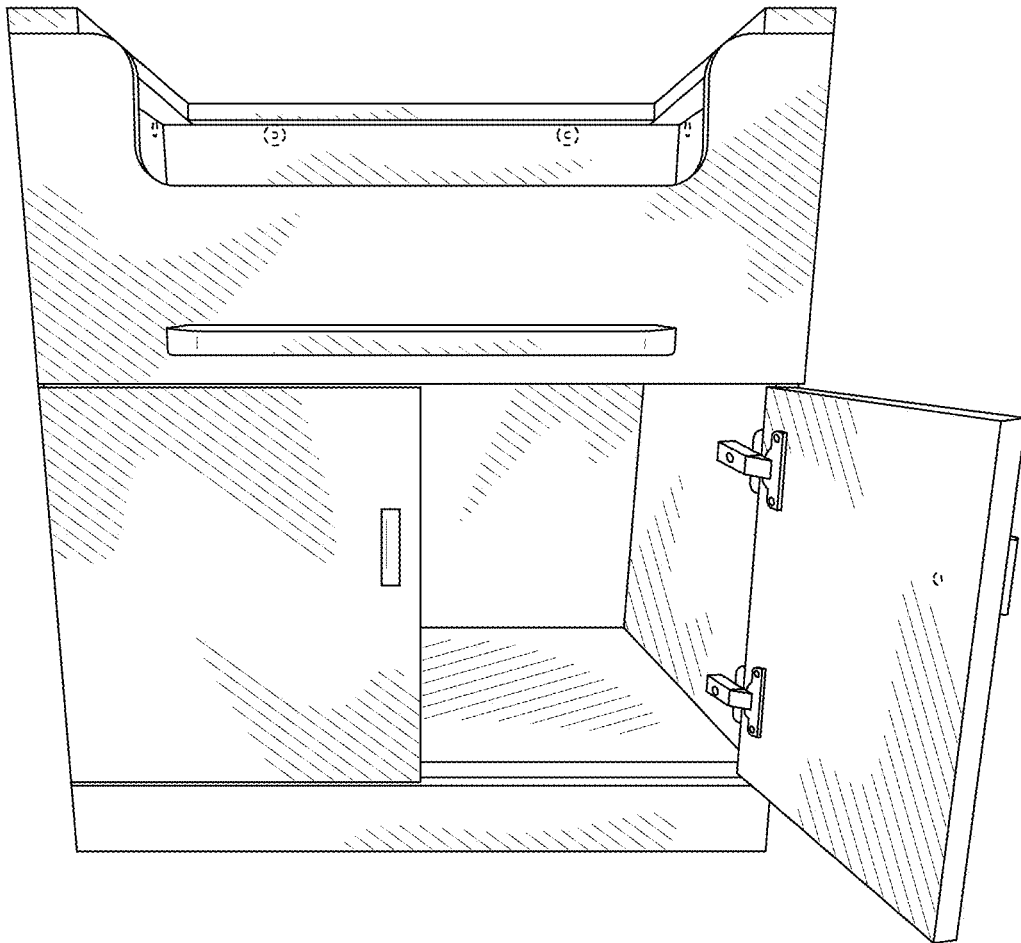


FIG. 10

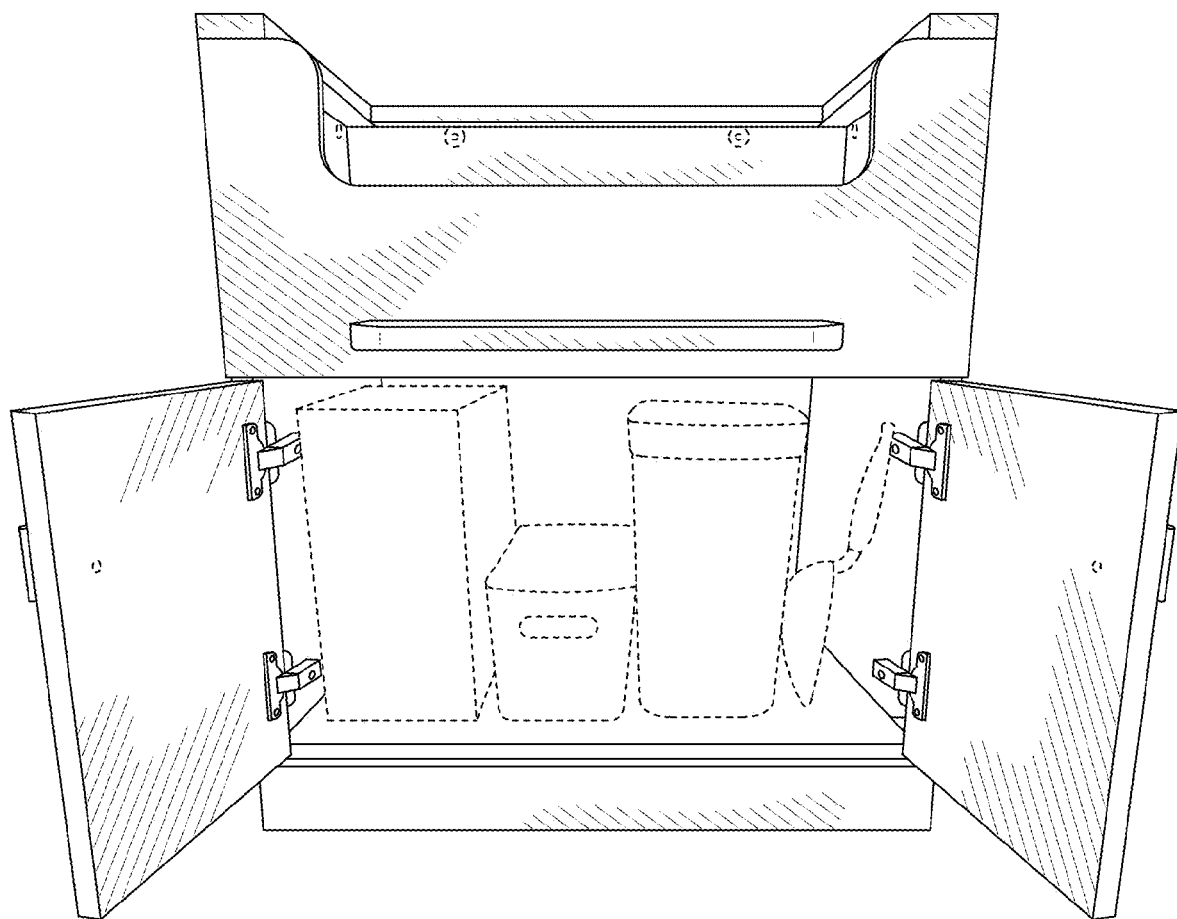


FIG. 11