



US0D1069165S

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

(10) **Patent No.:** **US D1,069,165 S**

(45) **Date of Patent:** **\*\* Apr. 1, 2025**

- (54) **DISH HOLDER**
- (71) Applicant: **ABS Global, Inc.**, DeForest, WI (US)
- (72) Inventors: **Marcello Rubessa**, Middleton, WI (US); **Wujun Zhao**, Waunakee, WI (US); **Rebecca Lynn Krisher**, Cottage Grove, WI (US); **Brian Lena**, Madison, WI (US)
- (73) Assignee: **ABS GLOBAL, INC.**, DeForest, WI (US)

D420,220 S \* 2/2000 Apps ..... D3/307  
 D501,679 S \* 2/2005 Smith ..... D24/227  
 D698,940 S 2/2014 Pribenszky  
 9,102,914 B2 8/2015 Gu  
 D767,164 S \* 9/2016 Schimmel ..... D24/226  
 (Continued)

**FOREIGN PATENT DOCUMENTS**

CN 209741187 U 12/2019  
 EP 2615460 B1 6/2014  
 (Continued)

**OTHER PUBLICATIONS**

Fisherbrand™ Stackable Petri Dish Incubation Tray. Online, published date unknown. Retrieved on Jul. 9, 2024 from URL: <https://www.fishersci.com/shop/products/fisherbrand-stackable-petri-dish-incubation-tray/1479307>.\*

(Continued)

*Primary Examiner* — Omeed Agilee  
 (74) *Attorney, Agent, or Firm* — NGUYEN TARBET IP LAW

(57) **CLAIM**

The ornamental design for a dish holder as shown and described.

- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/867,647**
- (22) Filed: **Nov. 2, 2022**
- (51) **LOC (15) Cl.** ..... **24-02**
- (52) **U.S. Cl.** ..... **D24/230**
- (58) **Field of Classification Search**  
 USPC ..... D24/107, 216–230; D3/200, 201, D3/203.1–203.3, 205, 206, 273, 276, D3/304–310, 313; D6/475, 476, 525; D19/75, 77, 86, 90, 92, 100  
 CPC ..... C12M 23/10; C12M 33/04; C12M 23/38; C12M 23/46  
 See application file for complete search history.

(56) **References Cited**

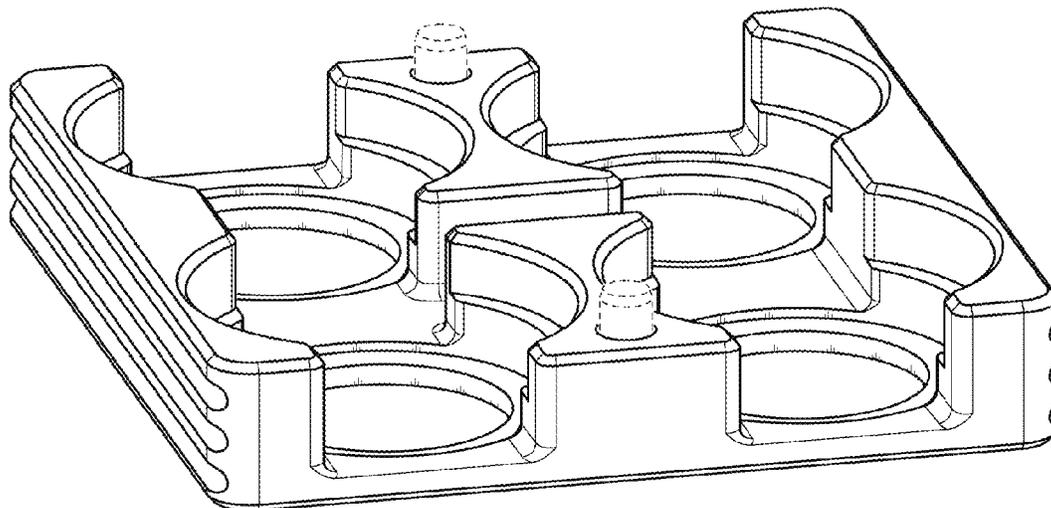
**U.S. PATENT DOCUMENTS**

- D205,033 S \* 6/1966 Barrantes ..... D24/229
- 4,012,288 A \* 3/1977 Lyman ..... C12M 23/12  
435/305.2
- 4,143,765 A \* 3/1979 Moss, III ..... B01L 9/06  
D24/227
- 5,358,871 A \* 10/1994 Stevens ..... B01L 9/06  
422/943
- D382,974 S \* 8/1997 Lahm ..... D24/227
- 5,817,509 A \* 10/1998 Stevens ..... C12M 23/24  
435/297.5
- D411,308 S \* 6/1999 Pandey ..... D24/227

**DESCRIPTION**

FIG. 1 is a front, top isometric perspective view of a dish holder showing our new design;  
 FIG. 2 is a top view thereof;  
 FIG. 3 is a front view thereof;  
 FIG. 4 is a right side view thereof;  
 FIG. 5 is a bottom view thereof; and,  
 FIG. 6 is a front, bottom isometric perspective view thereof.  
 The broken lines depict portions of the dish holder that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D829,924	S *	10/2018	Böhm .....	D24/227
11,566,216	B2 *	1/2023	Nicolas .....	C12M 23/46
D1,021,260	S *	4/2024	Le .....	D3/901
2004/0214313	A1 *	10/2004	Zhang .....	C12M 35/08 435/29
2008/0090287	A1 *	4/2008	Larsen .....	C12M 23/12 435/287.5
2009/0191631	A1	7/2009	Bornemann	
2017/0044476	A1	2/2017	Madsen et al.	
2019/0093076	A1	3/2019	Schulz	
2019/0133114	A1	5/2019	Craig	
2020/0095529	A1	3/2020	Ramsing et al.	
2020/0308550	A1	10/2020	Knoblich	

FOREIGN PATENT DOCUMENTS

EP	2499236	B1	1/2020
JP	2013034396	A	2/2013
JP	2016082987	A	5/2016
JP	6364817	B2	7/2018
JP	6379529	B2	8/2018
JP	6405752	B2	9/2018

OTHER PUBLICATIONS

Otsuji, Tomoni G., et al., "A 3D Sphere Culture System Containing Functional Polymers for Large-Scale Human Pluripotent Stem Cell

Production, Stem Cell Reports," Stem Cell Reports, May 6, 2014, vol. 2, pp. 734-745.

Funamoto, Kenichi, et al., "A Novel Microfluidic Platform for High-Resolution Imaging of a Three-Dimensional Cell Culture under a Controlled Hypoxic Environment," Lab Chip, Nov. 21, 2012, 12(22), pp. 4855-4863.

Chen, Chengpeng et al., "Insert-based Microfluidics for 3D Cell Culture with Analysis," Anal Bioanal Chem, May 2018, 410(12), pp. 3025-3035.

Duval, Kayla, et al., "Modeling Physiological Events in 2D vs. 3D Cell Culture," Physiology, Jun. 14, 2017, vol. 32, pp. 266-277.

Alhaque, Sharmin, et al., "Three-dimensional cell culture : from evolution to revolution," Phil Trans. R. Soc. B, Mar. 19, 2018, 373: 20170216, pp. 1-10.

Zhai, Jiao, et al., "A digital microfluidic system with 3D microstructures for single-cell culture," Microsystems & Nanoengineering, 2020, 6:6, pp. 1-10.

Sart, Sebastien, et al., "Multiscale cytometry and regulation of 3D cell cultures on a chip," Nature Communications, 2017, 8:469, pp. 1-3.

Breslin, Susan and O'Driscoll, Lorraine, "Three-dimensional cell culture: the missing link in drug discovery," Drug Discovery Today, Mar. 2013, vol. 18, Nos. 5/6, pp. 240-249.

Yang, Xuefeng, et al., "Highly Efficient Self-Healable and Dual Responsive Cellulose-Based Hydrogels for Controlled Release and 3D Cell Culture," Advanced Functional Materials, 2017, 27, 1703174, pp. 1-10.

\* cited by examiner

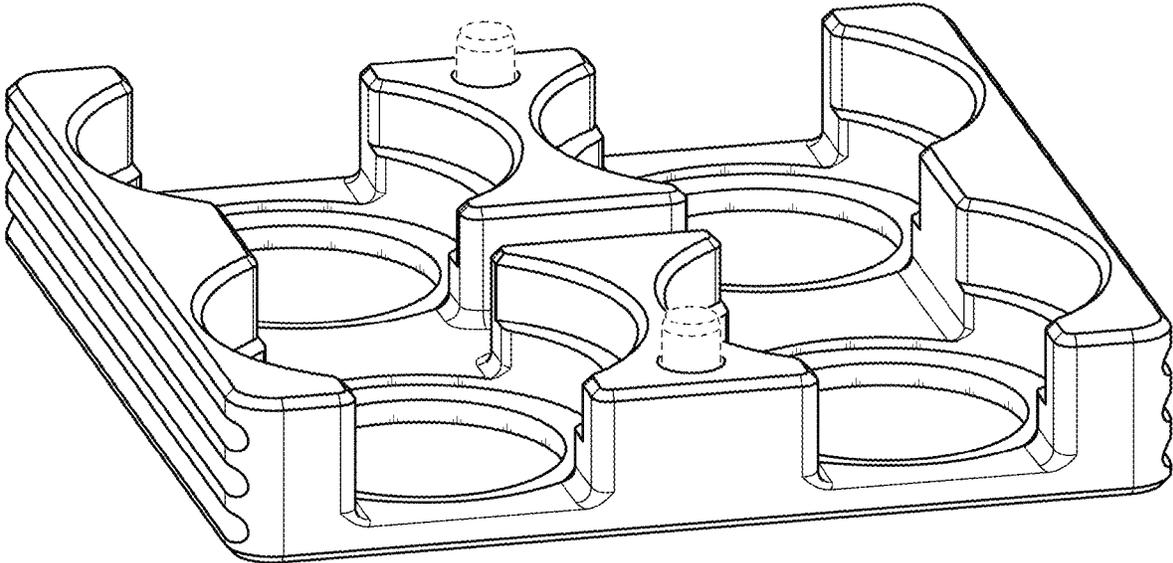


FIG. 1

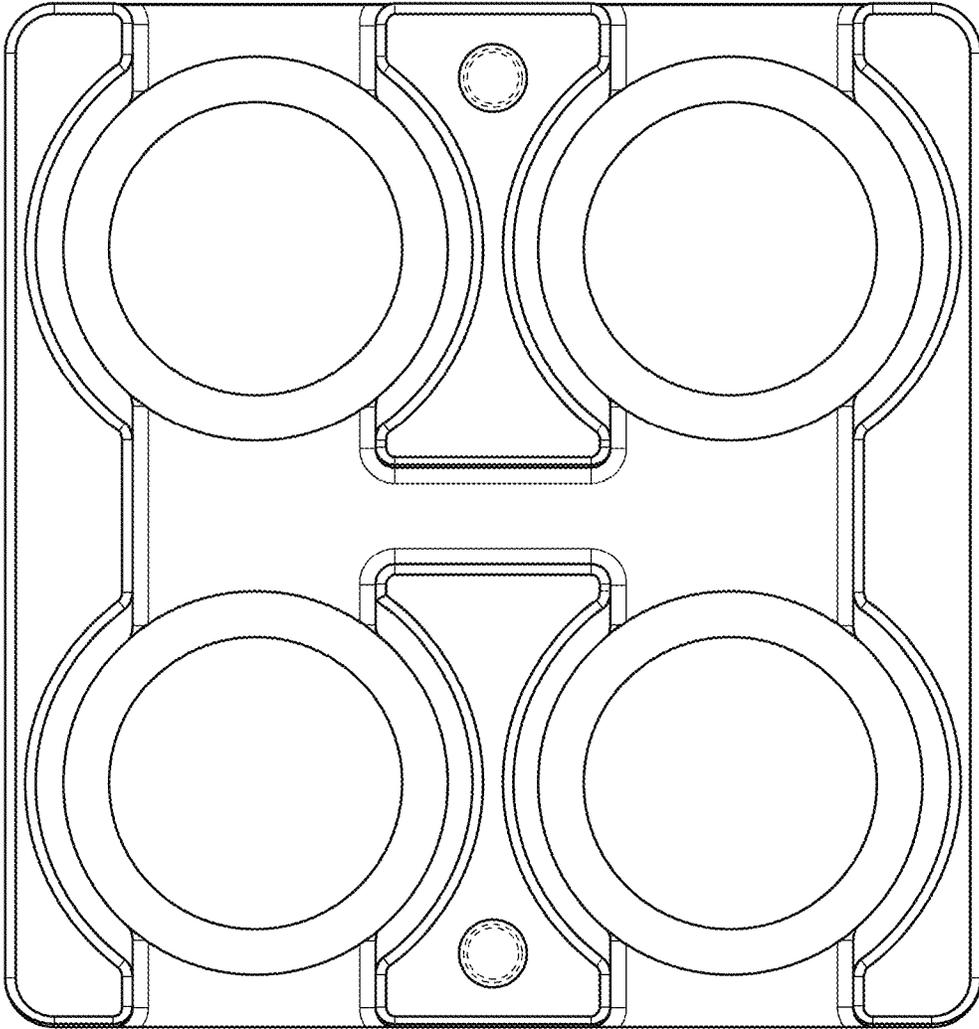


FIG. 2

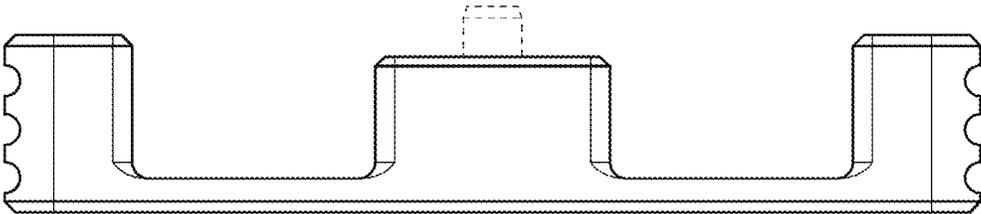


FIG. 3

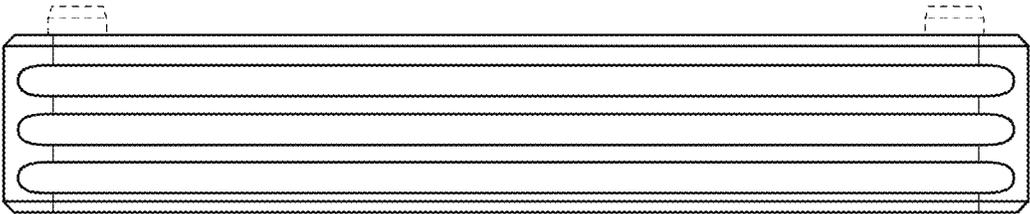


FIG. 4

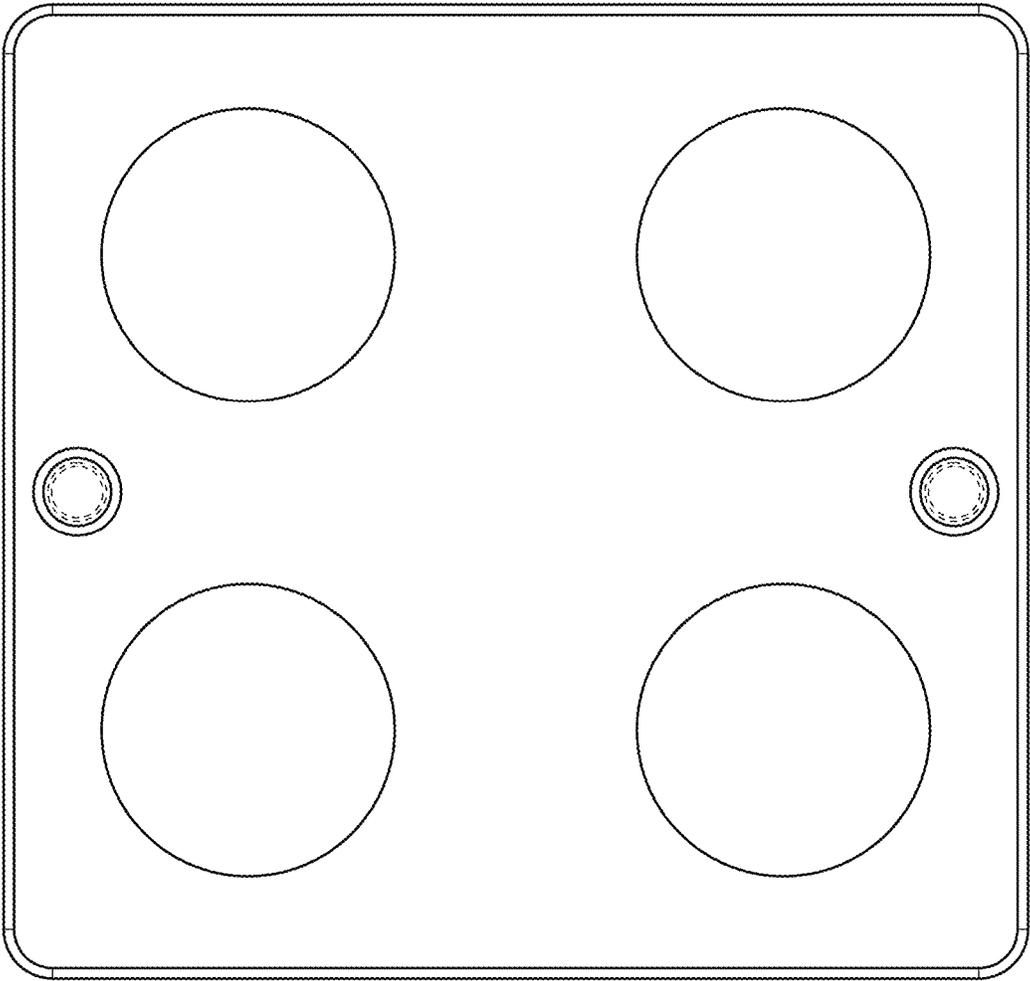


FIG. 5

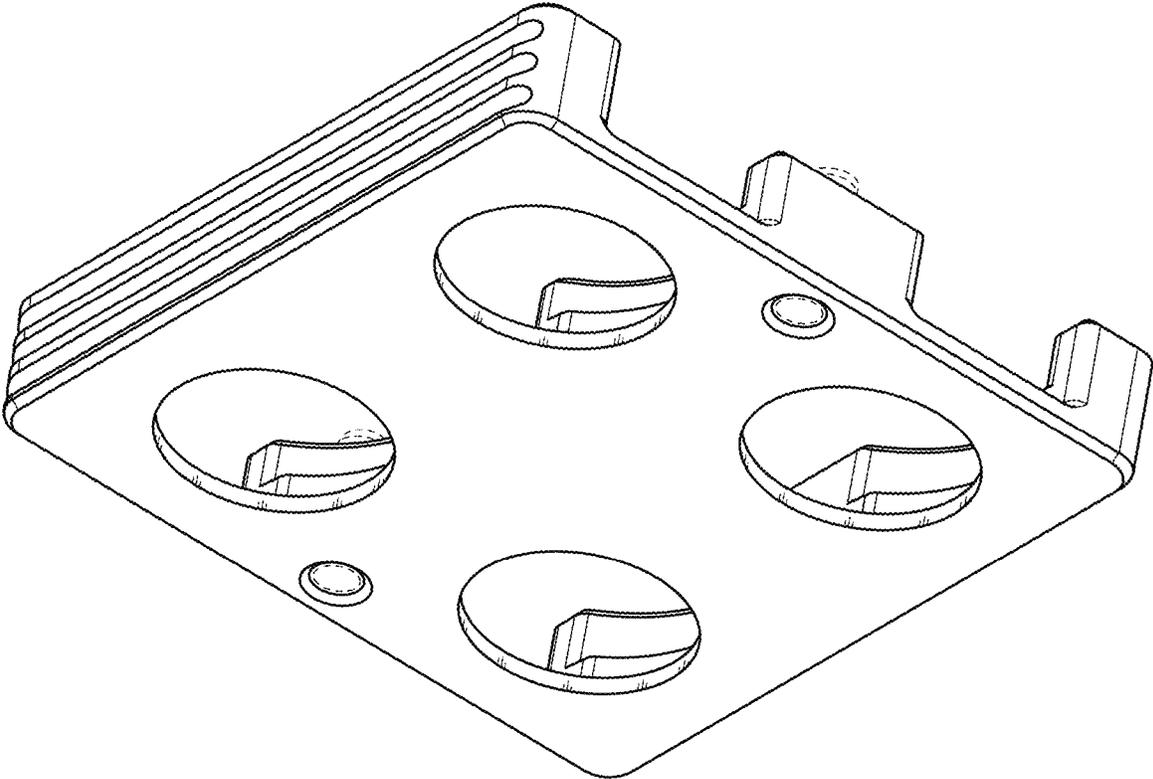


FIG. 6