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

(10) **Patent No.:** **US D990,274 S**

(45) **Date of Patent:** **\*\* Jun. 27, 2023**

- (54) **BLADE SHARPENING DEVICE** 3,882,642 A \* 5/1975 Sykes ..... B24D 15/08  
D8/93
- (71) Applicant: **Choon's Kitchenware, LLC,** 4,212,136 A \* 7/1980 Stertzach ..... B24B 33/086  
Farmington Hills, MI (US) 451/470
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D8/91
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Farmington Hills, MI (US) 451/380
- (\*\*) Term: **15 Years** 5,582,542 A \* 12/1996 Stein ..... B24B 15/06  
451/367
- (21) Appl. No.: **29/786,469** 6,030,281 A \* 2/2000 Cozzini ..... B24B 41/06  
451/320
- (22) Filed: **Jun. 1, 2021**

(Continued)

**OTHER PUBLICATIONS**

Sharpworx, Original Slide Sharp, <https://sharpworx.com/>.

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**Related U.S. Application Data**

- (63) Continuation-in-part of application No. 17/217,134, filed on Mar. 30, 2021.
- (51) **LOC (14) Cl.** ..... **08-05**
- (52) **U.S. Cl.**  
USPC ..... **D8/91; D8/93**
- (58) **Field of Classification Search**  
USPC ..... D8/90, 91, 92, 93  
CPC ..... B24D 15/06; B24D 15/00; B24D 15/063;  
B24D 15/066; B24D 15/08; B24B  
41/066; B24B 3/54; B24B 3/36; B24B  
3/58; B24B 3/00; B24B 23/08; B24B  
15/00; B24B 15/06; B24B 15/08  
See application file for complete search history.

**CLAIM**

(57) I claim the ornamental design for a blade sharpening device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a blade sharpening device embodying the new design, arranged proximate to a broken line depiction of a sharpening stone.

FIG. 2 is a side view of the blade sharpening device.

FIG. 3 is a front view of the blade sharpening device.

FIG. 4 is a back view the blade sharpening device.

FIG. 5 is a top view of the blade sharpening device; and, FIG. 6 is a bottom view of the blade sharpening device.

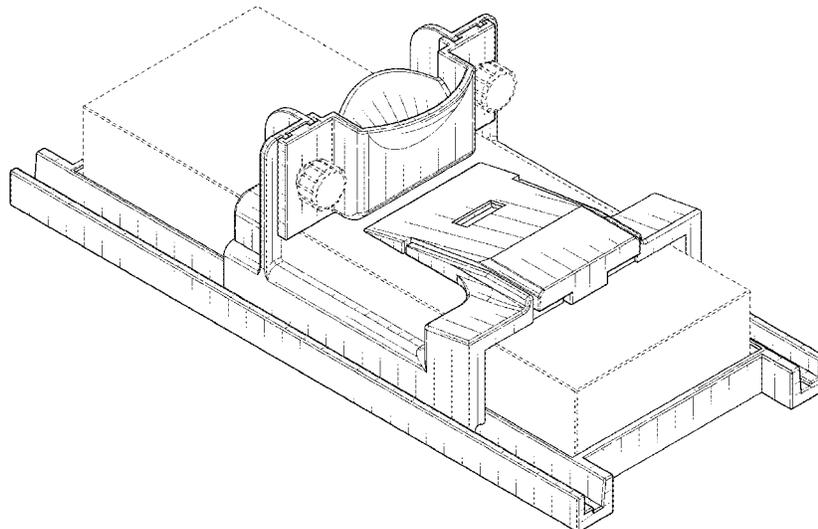
The broken and dashed lines in the drawings represent environmental subject matter and form no part of the claimed blade sharpening device design. The broken lines in FIG. 6 depict portions of the blade sharpening device in which the design is embodied that form no part of the claimed design.

**References Cited**

**U.S. PATENT DOCUMENTS**

- 1,935,592 A \* 11/1933 Stivers ..... B24D 15/06  
451/554
- 2,652,667 A \* 9/1953 Arnold ..... B24D 15/08  
451/555
- 3,280,514 A \* 10/1966 Raymond ..... B24D 15/08  
D8/93
- 3,721,049 A \* 3/1973 Nakahara ..... B24D 15/02  
451/552

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

7,104,876	B1 *	9/2006	Lin	.....	B24D 15/06	451/367
7,335,093	B1 *	2/2008	Stanley	.....	B24D 15/06	451/367
7,549,910	B2 *	6/2009	Stanley	.....	B24B 41/066	451/367
7,553,216	B2 *	6/2009	Hyde	.....	B24B 33/06	451/45
8,262,438	B1 *	9/2012	Allison	.....	B24D 15/08	451/367
8,388,413	B1 *	3/2013	Dovel	.....	B24D 15/06	451/45
9,216,487	B1 *	12/2015	Dovel	.....	B24D 15/08	
D767,360	S *	9/2016	Jones	.....	B24D 15/06	D8/91
10,675,736	B1 *	6/2020	Boutorine	.....	B24D 15/06	
2006/0189263	A1 *	8/2006	Evans	.....	B24D 15/06	451/45
2007/0281594	A1 *	12/2007	Jones	.....	B24B 3/36	451/367
2009/0004956	A1 *	1/2009	Smith	.....	B24B 3/38	451/45
2009/0088053	A1 *	4/2009	Hummel	.....	B24B 3/34	451/380

\* cited by examiner

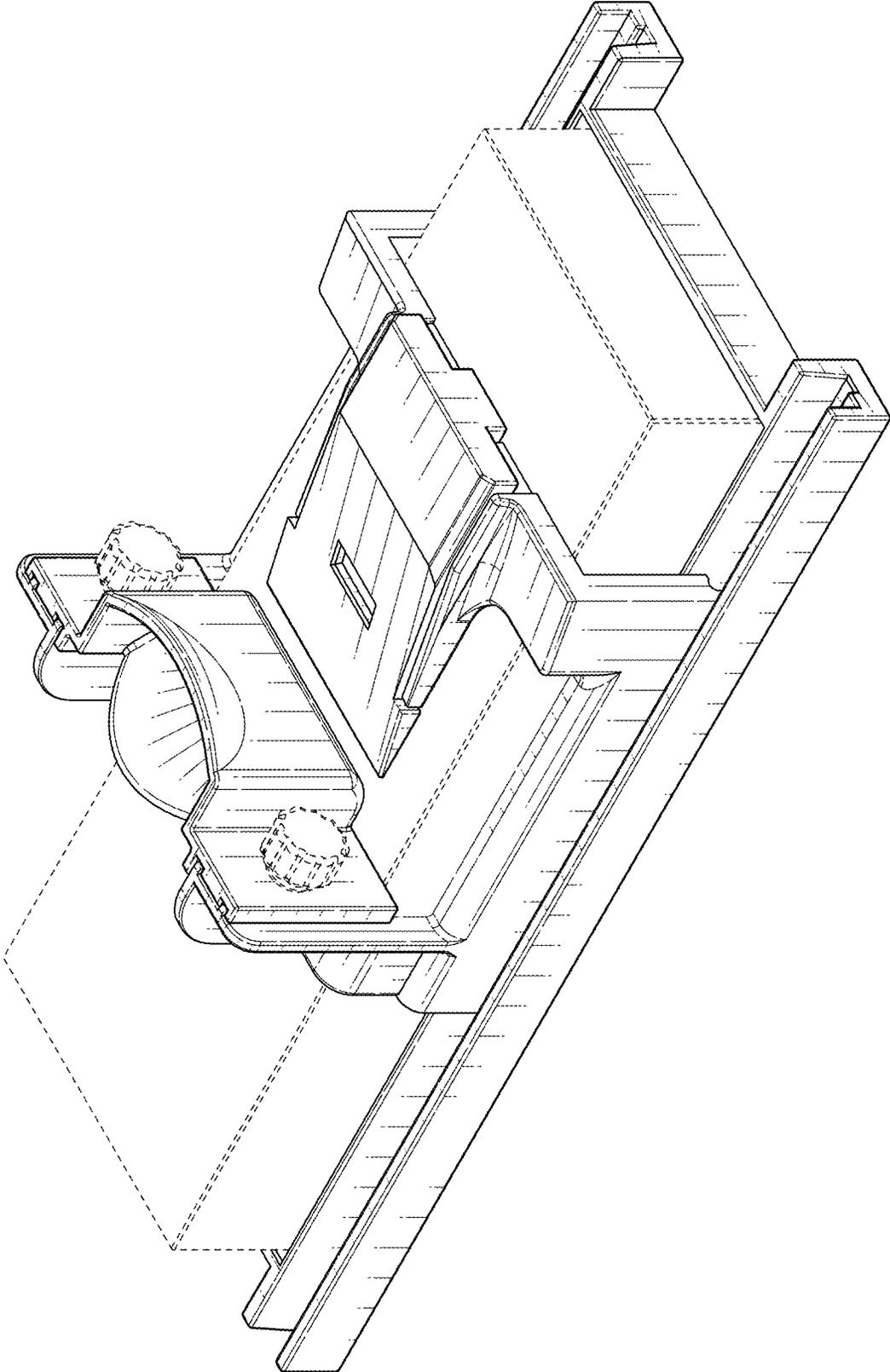


FIG. 1

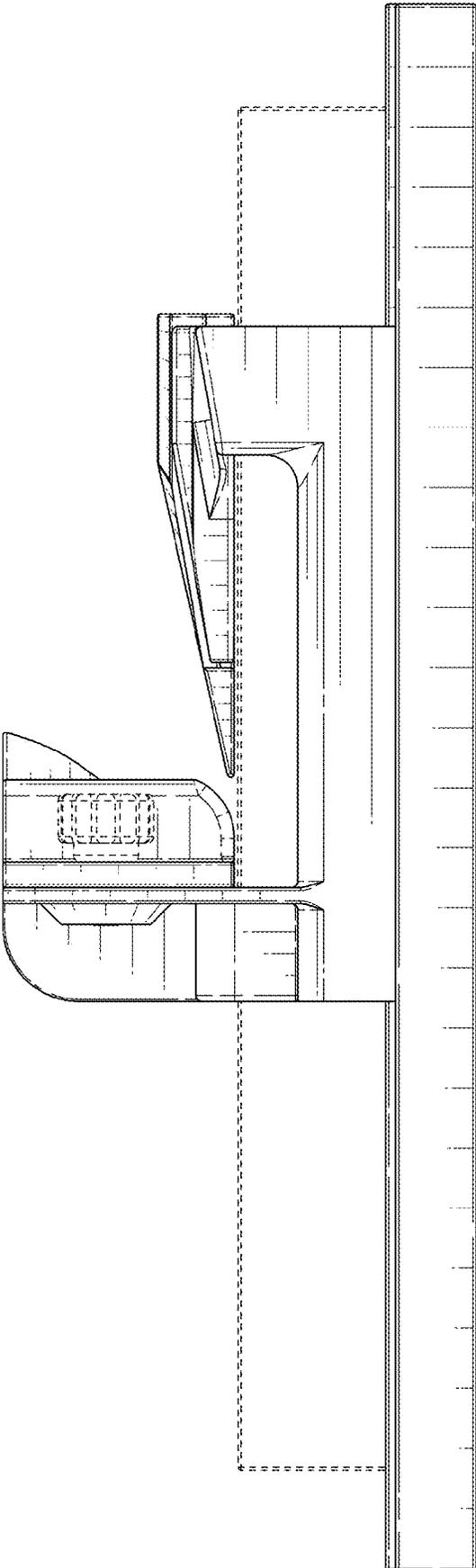


FIG. 2

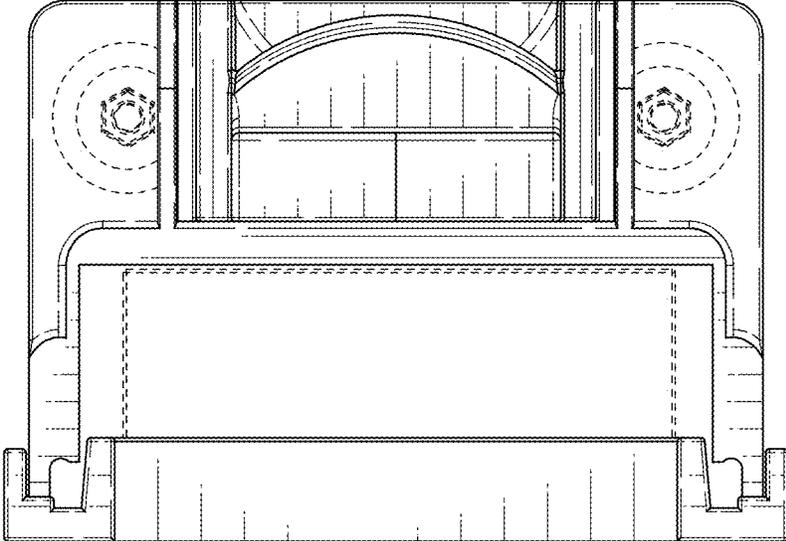


FIG. 3

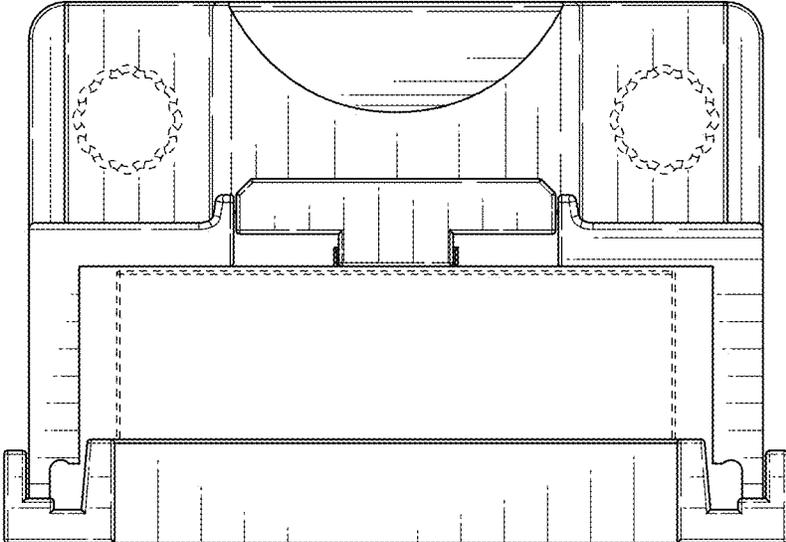


FIG. 4

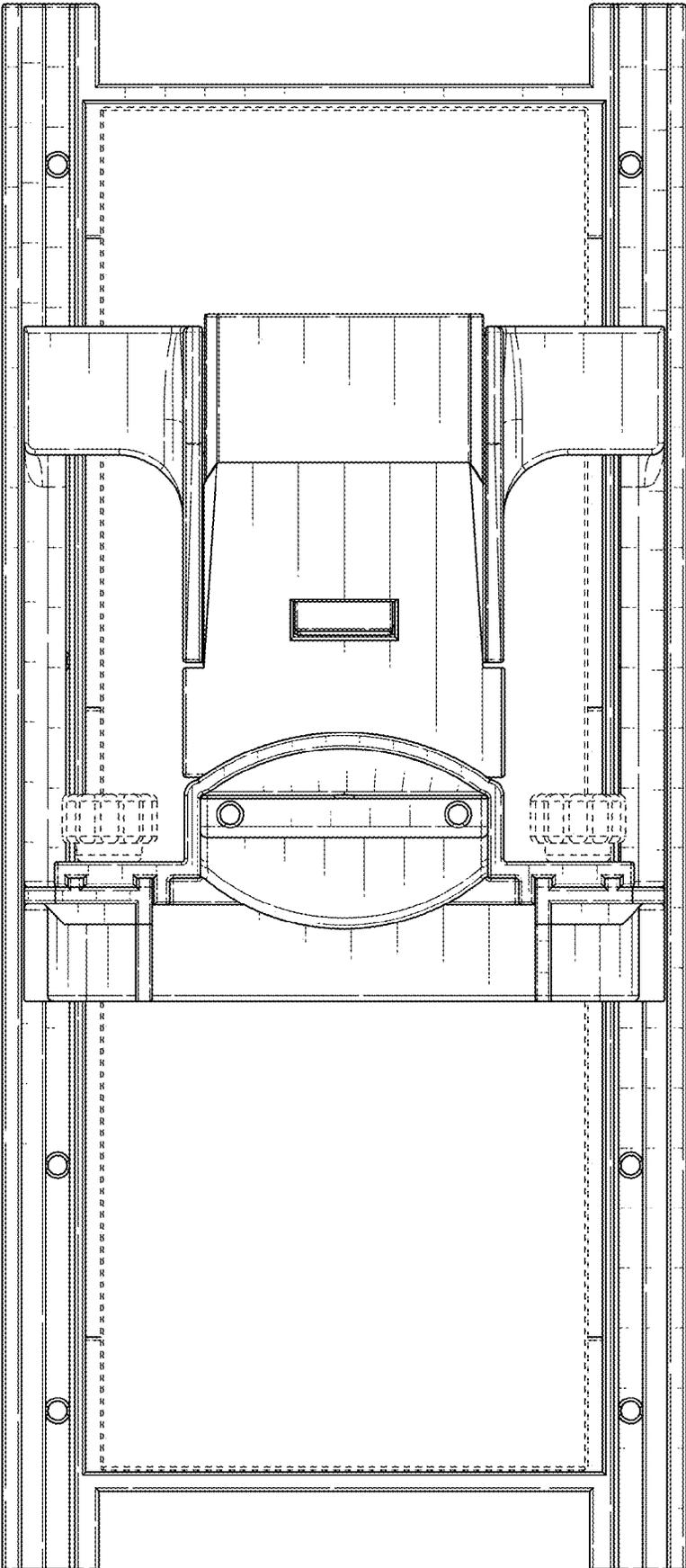


FIG. 5

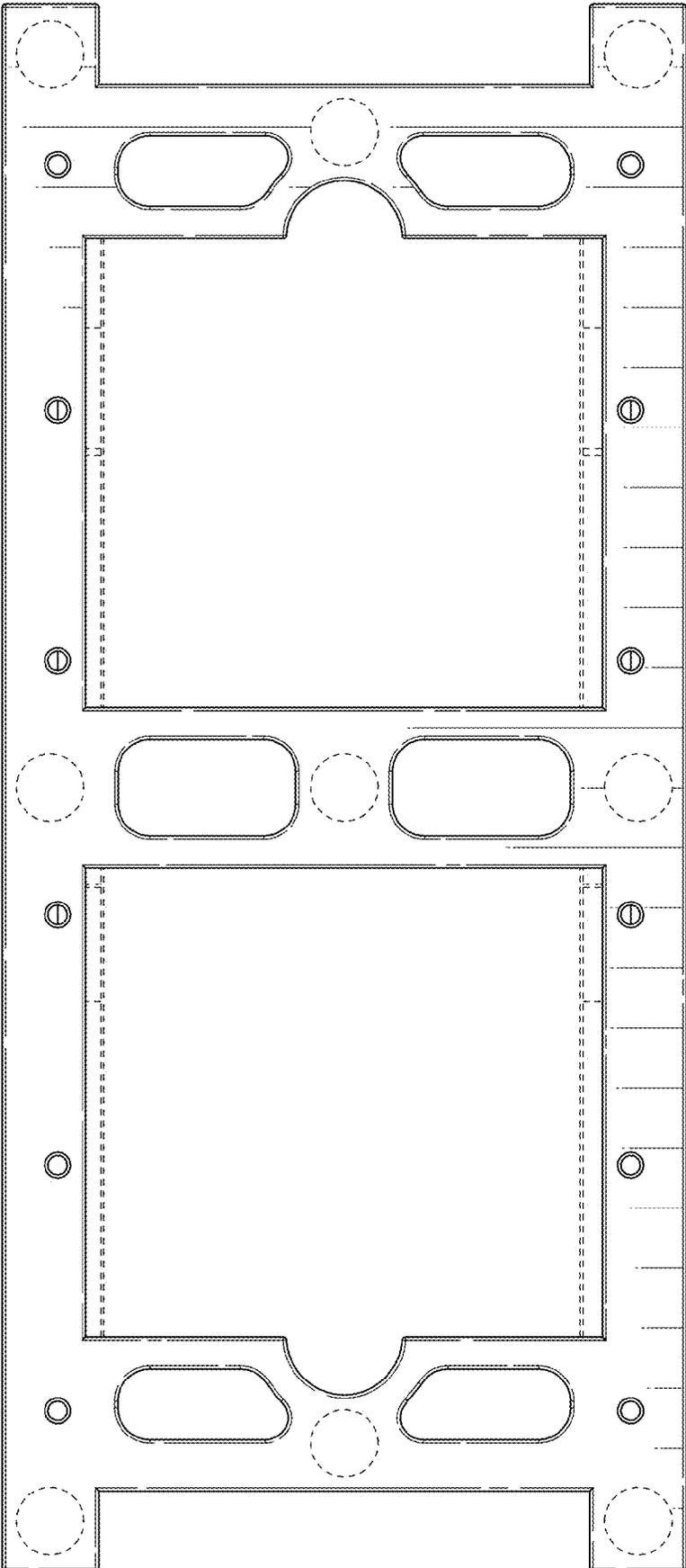


FIG. 6