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

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(54) **HEAD MODULE HOUSING**

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

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(51) **LOC (10) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/138**

(58) **Field of Classification Search**  
USPC ..... D24/138, 137, 186; 600/101-183  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,381,784	A	*	1/1995	Adair	.....	600/166
5,441,043	A	*	8/1995	Wood et al.	.....	600/109
5,500,918	A	*	3/1996	Pileski et al.	.....	385/117
D481,123	S	*	10/2003	Hayamizu	.....	D24/138
D598,098	S	*	8/2009	Tanaka	.....	D24/138
D631,160	S	*	1/2011	Schurg et al.	.....	D24/144
D658,767	S	*	5/2012	Becker et al.	.....	D24/186
D670,806	S	*	11/2012	Hayamizu	.....	D24/138
D672,470	S	*	12/2012	Rebholz	.....	D24/232
D689,917	S	*	9/2013	Jones et al.	.....	D16/237

2002/0010458	A1	*	1/2002	Urich et al.	.....	606/1
2002/0077645	A1	*	6/2002	Wiener et al.	.....	606/169
2003/0125606	A1	*	7/2003	Amling et al.	.....	600/109

OTHER PUBLICATIONS

OR 1 (R) Essential Drawings Drawn by: SS Dated: Sep. 9, 2008 13 pages.  
OR1(R) Essential—Instruction Manual; (c) 2009 Karl Storz Endoscopy-America, Inc.; 36 pages.

\* cited by examiner

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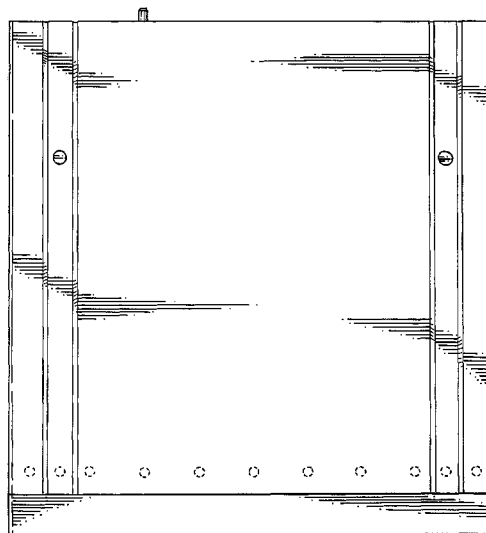
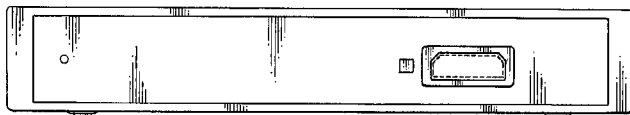
(57) **CLAIM**

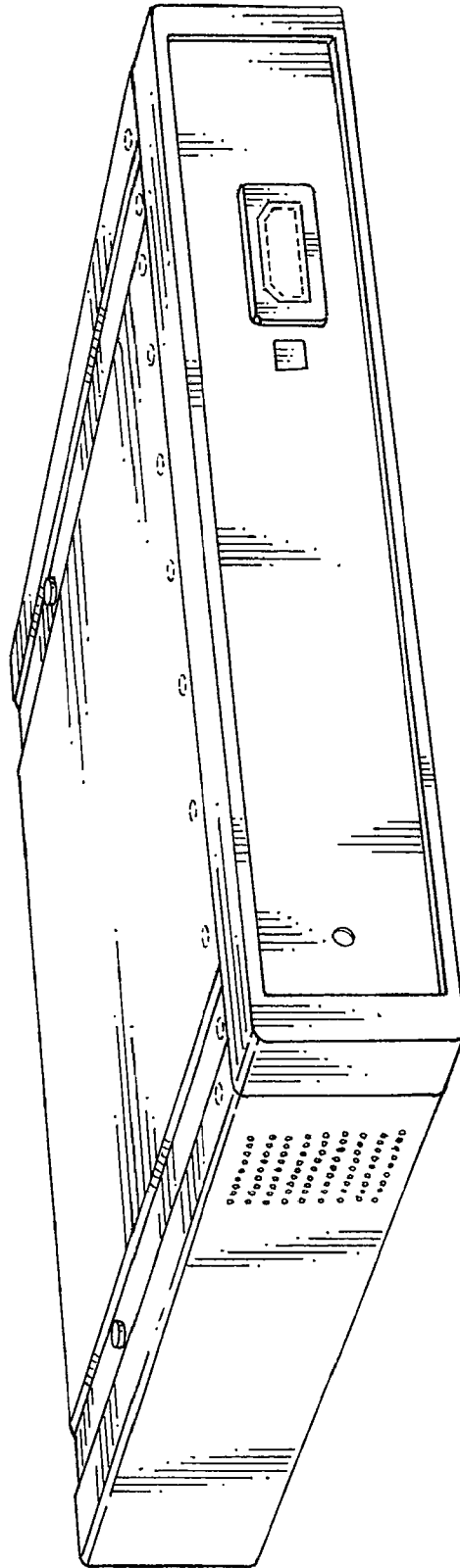
The ornamental design for a head module housing, as shown and described.

**DESCRIPTION**

FIG. 1 is a front right side perspective view of a head module housing in accordance with the new design; FIG. 2 is a right side elevation view thereof; FIG. 3 is a left side elevation view thereof; FIG. 4 is a front isometric view thereof; FIG. 5 is a rear isometric view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a front right side perspective view thereof, showing the head module housing shown in an environment wherein it is connected to other modular devices. The broken lines are included for the purpose of illustrating portions of the head module housing that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**





*FIG. 1*

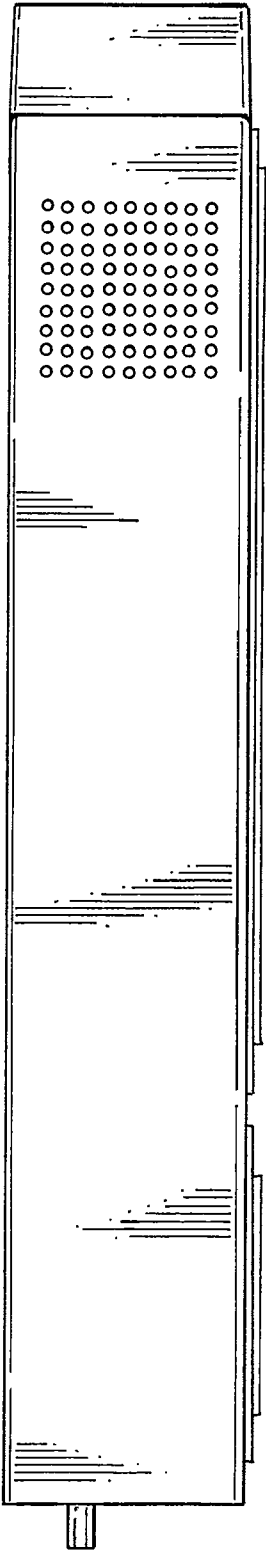
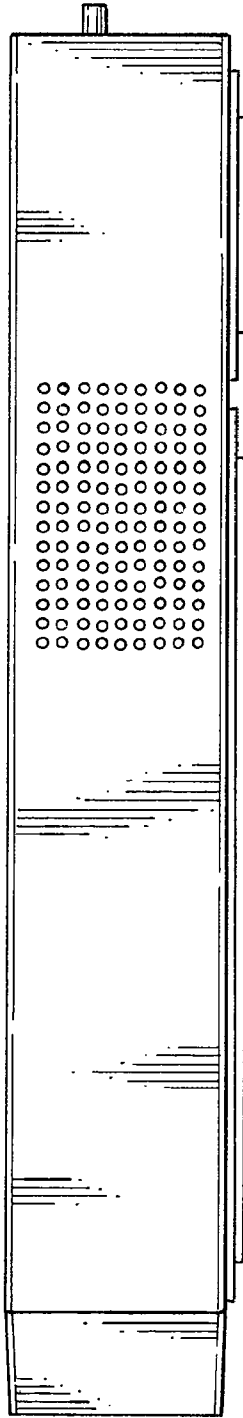
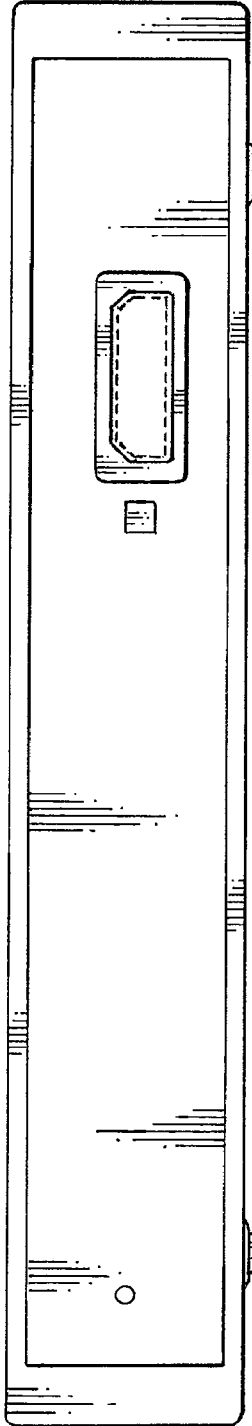


FIG. 2



*FIG. 3*



*FIG. 4*

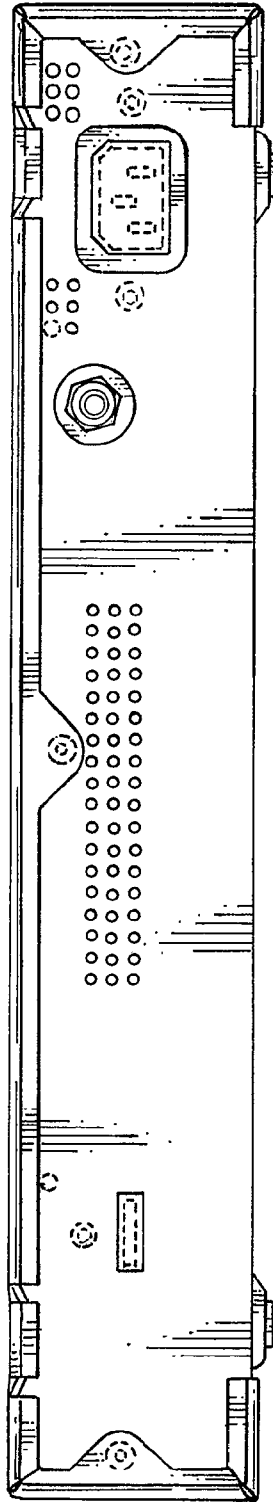


FIG. 5

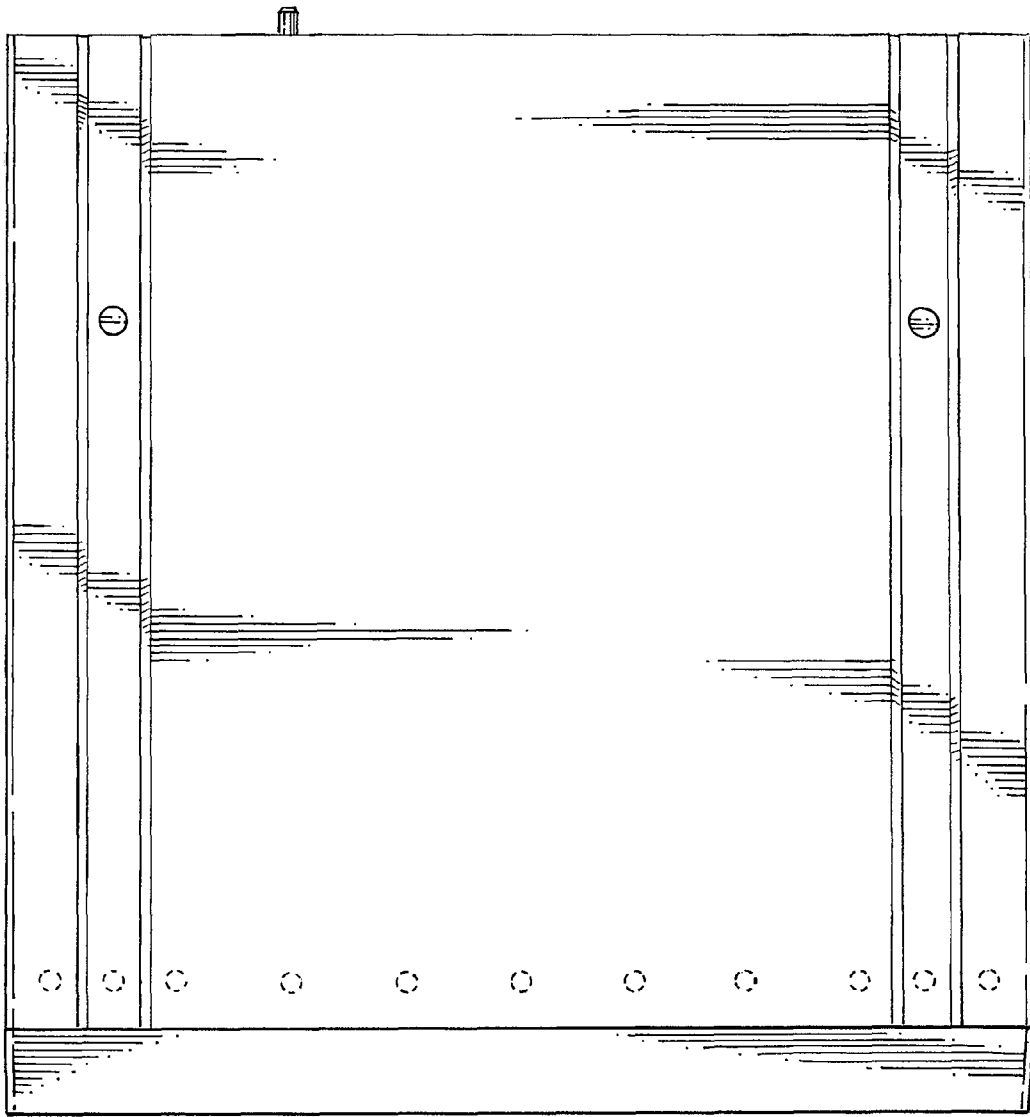


FIG. 6

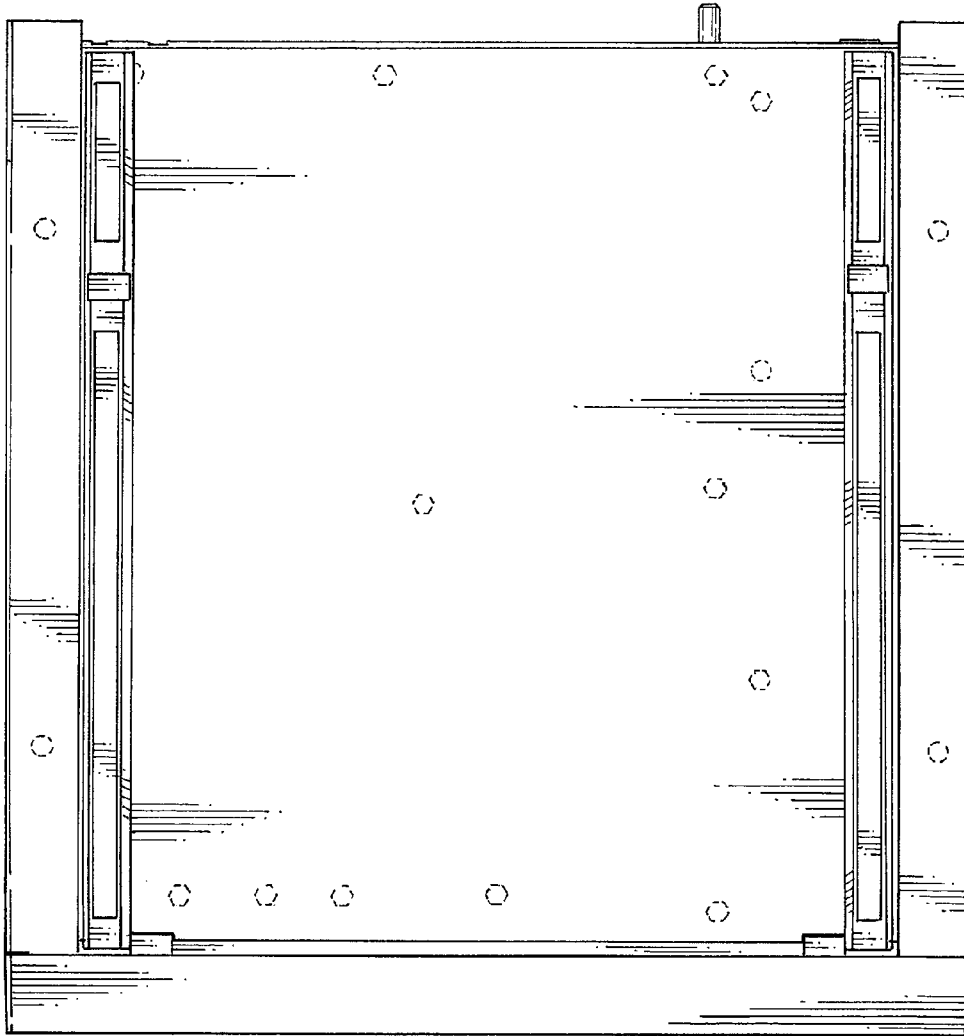


FIG. 7

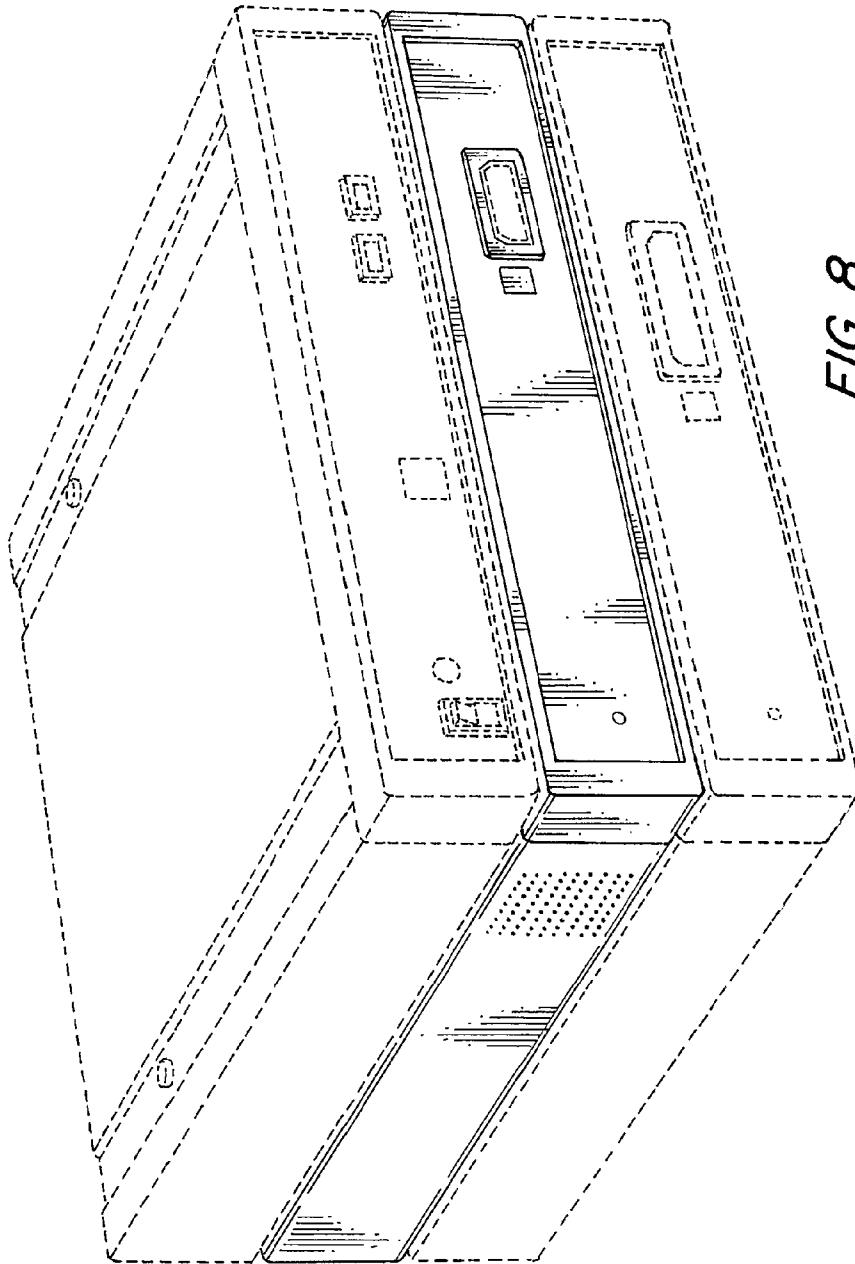


FIG. 8