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(12) United States Design Patent

Ito et al.

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(54) **PROJECTOR LENS FOR A PROJECTOR**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/590,808**

(22) Filed: **Jan. 13, 2017**

(30) **Foreign Application Priority Data**

Jul. 19, 2016 (JP) 2016-015374

(51) **LOC (12) Cl.** **16-02**

(52) **U.S. Cl.**
USPC **D16/235**

(58) **Field of Classification Search**
USPC D16/235, 221, 225, 230–231, 234, 208, D16/213, 130, 134–137, 203; D21/514;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D111,605 S * 10/1938 Kay D20/10
D111,607 S * 10/1938 Kay D20/10
(Continued)

FOREIGN PATENT DOCUMENTS

JP D1602051 * 6/2017

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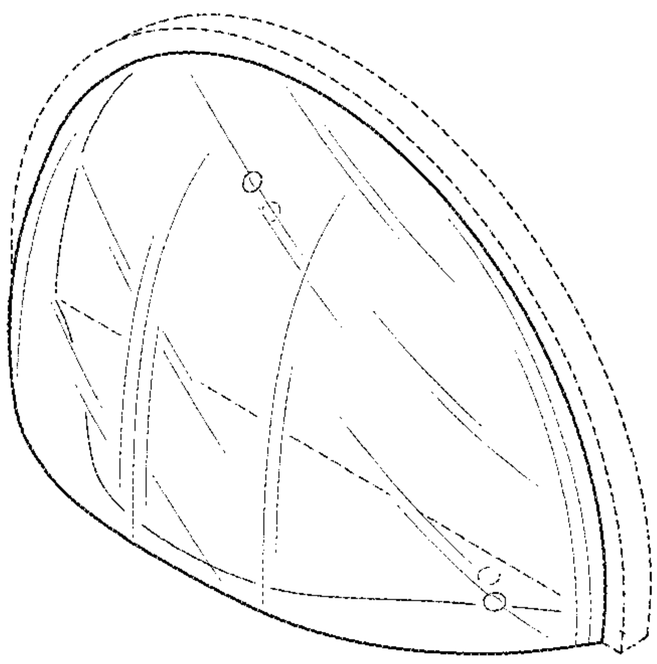
(57) **CLAIM**

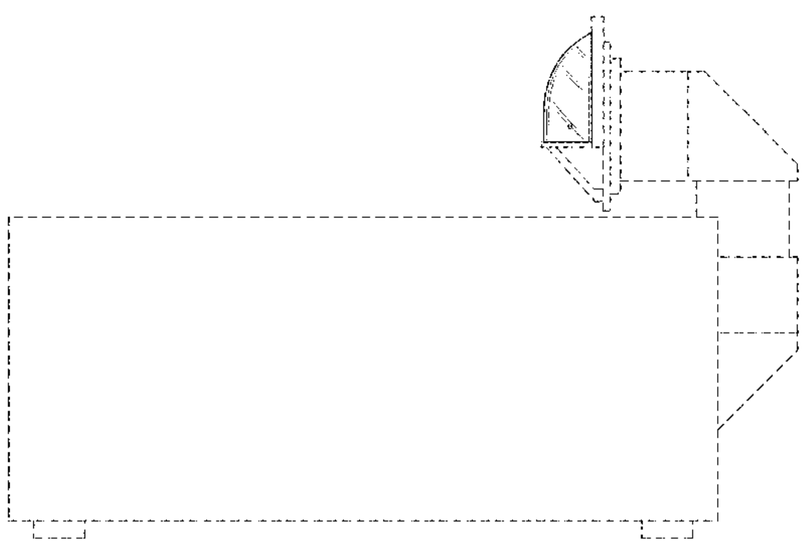
The ornamental design for projector lens for a projector, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of the projector lens for a projector, showing the new design;
FIG. **2** is a front view thereof.
FIG. **3** is a rear view thereof.
FIG. **4** is a top view thereof.
FIG. **5** is a bottom view thereof.
FIG. **6** is a right side view thereof.
FIG. **7** is a left side view thereof.
FIG. **8** is a cross-sectional view taken along line **8-8** of FIG. **2**
FIG. **9** is an enlarged cross-section view taken along line **9-9** of FIG. **8**; and,
FIG. **10** is a reference view showing a usage state of the projector lens for a projector.
The portions represented with solid lines represent claimed portions of the design. The portion for which a partial design registration is sought is transparent.
The article according to the design of the present application is a projector lens for a projector.
As shown in the "Enlarged view of the portion where area **9-9** and area **9'-9'** intersect" (FIG. **9**), each of the three substantially circular-shaped portions shown in FIG. **2** is concave. As shown in "Reference view showing a usage state of the projector lens for a projector" (FIG. **10**), the present article can be used by connecting a lens unit for a projector, the lens unit being mounted to the present article, to a projection unit of a projector.
The broken lines shown in the figures are included for the purpose of illustrating portions of the projector lens for a projector and form no part of the claimed design.

1 Claim, 10 Drawing Sheets





(58) **Field of Classification Search**
USPC D14/450; D8/310, 300; D7/393; D26/36, 123–124; D20/28; 353/119
CPC G03B 21/145; G03B 21/14; G03B 21/54; G03B 21/28
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D470,890	S *	2/2003	Meyer	D20/28
D500,343	S *	12/2004	McRobbie	D20/28
D553,661	S *	10/2007	Nakayama	D16/235
D554,174	S *	10/2007	Nakayama	D16/235
D661,721	S *	6/2012	Fujikawa	D16/225
D718,802	S *	12/2014	Ishibashi	D16/230
9,709,879	B2 *	7/2017	Otsuki	G03B 21/145
2016/0011494	A1 *	1/2016	Otsuki	G03B 21/145 353/119

* cited by examiner

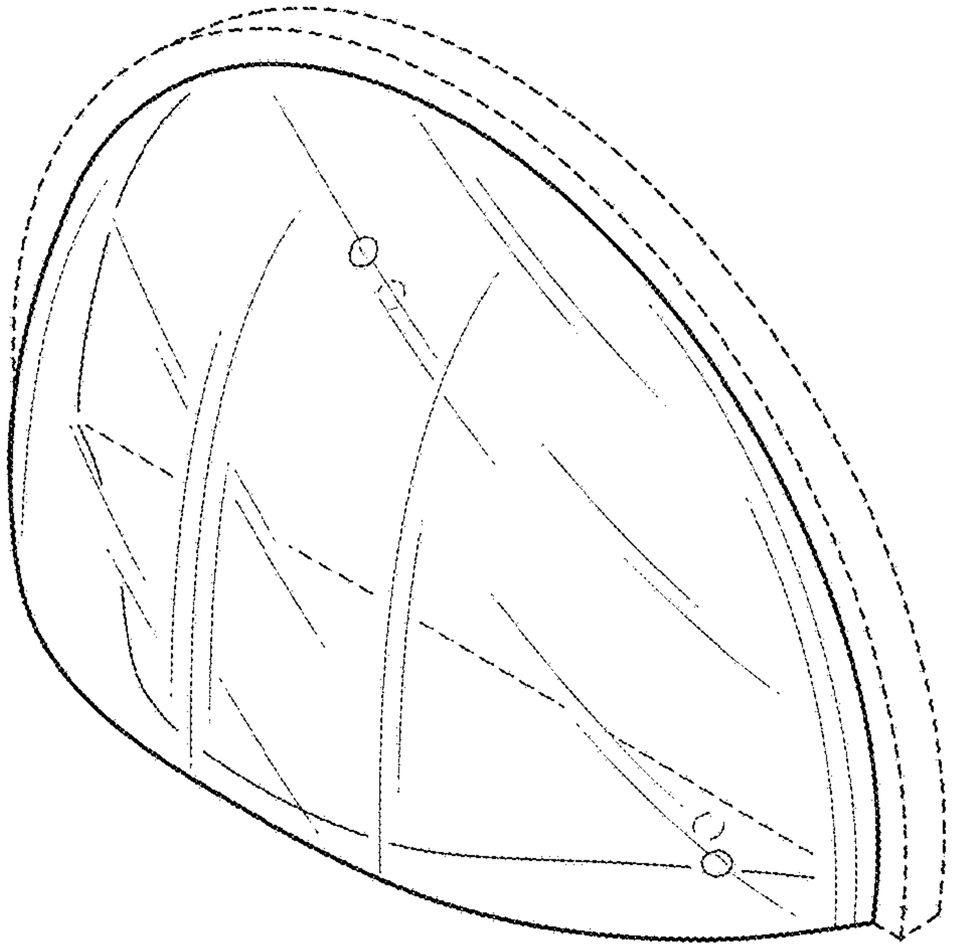


FIG.1

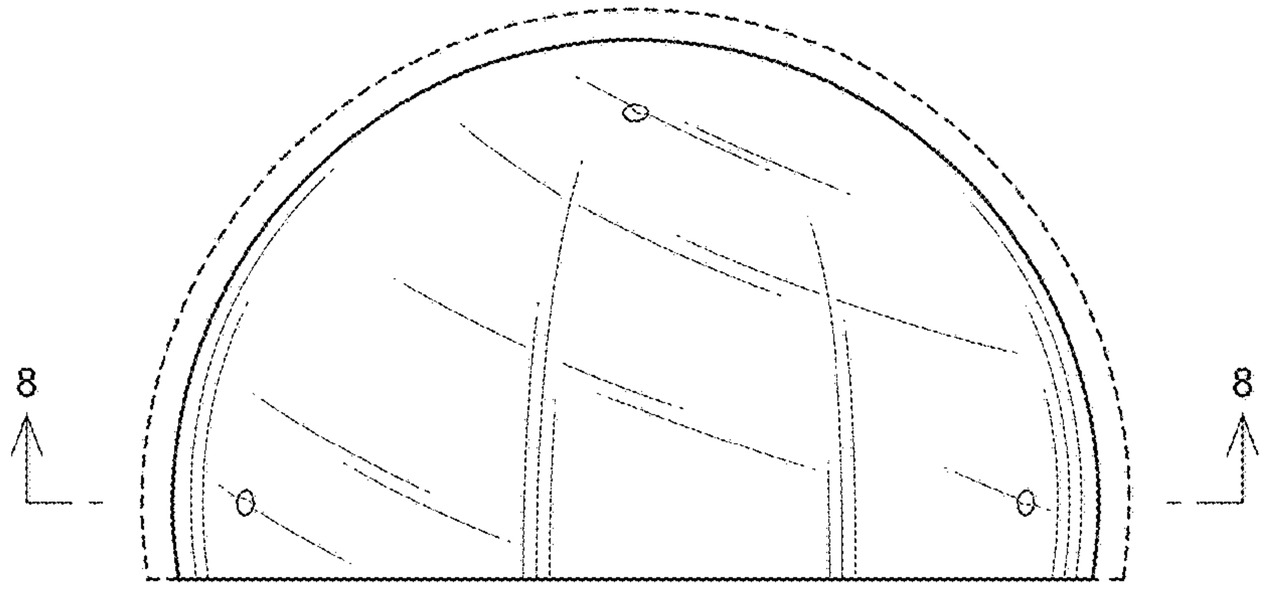


FIG.2

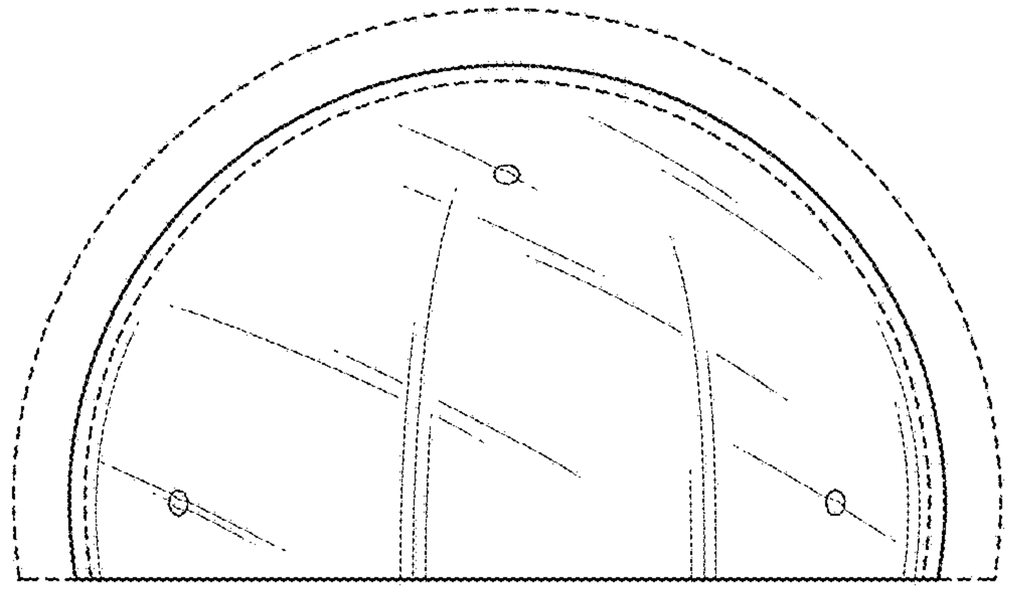


FIG.3

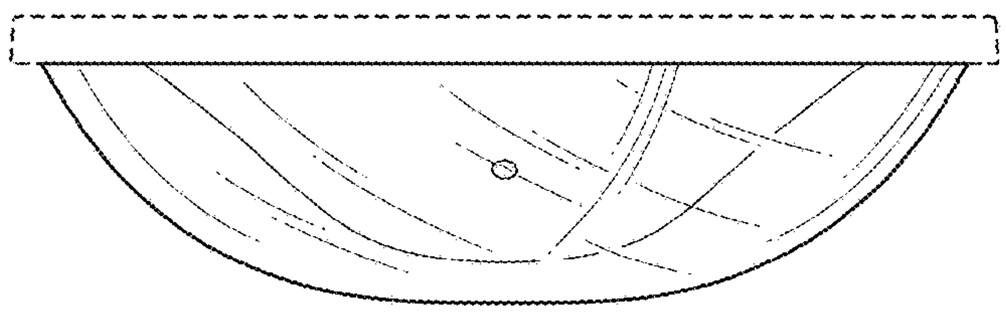


FIG.4

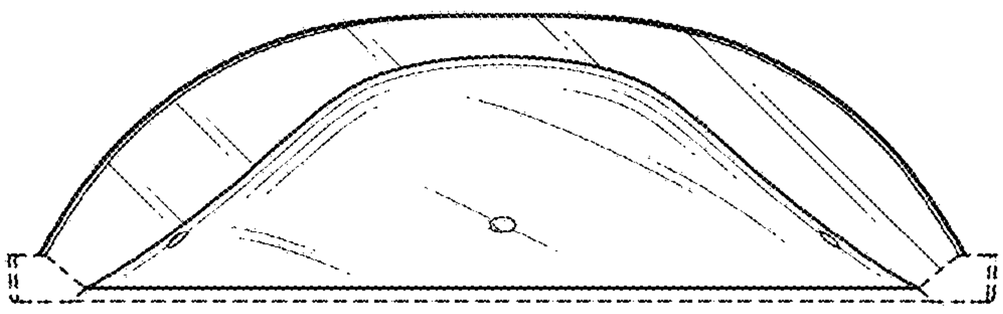


FIG.5

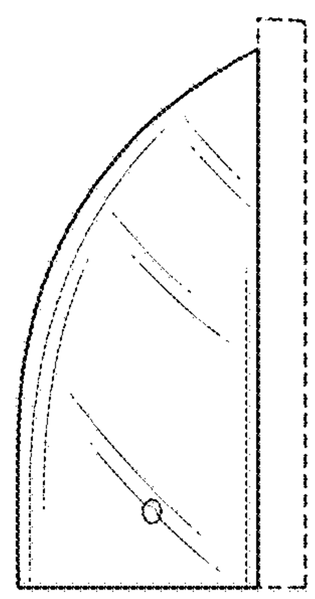


FIG.6

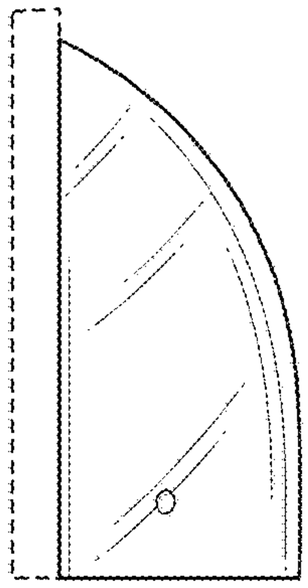


FIG.7

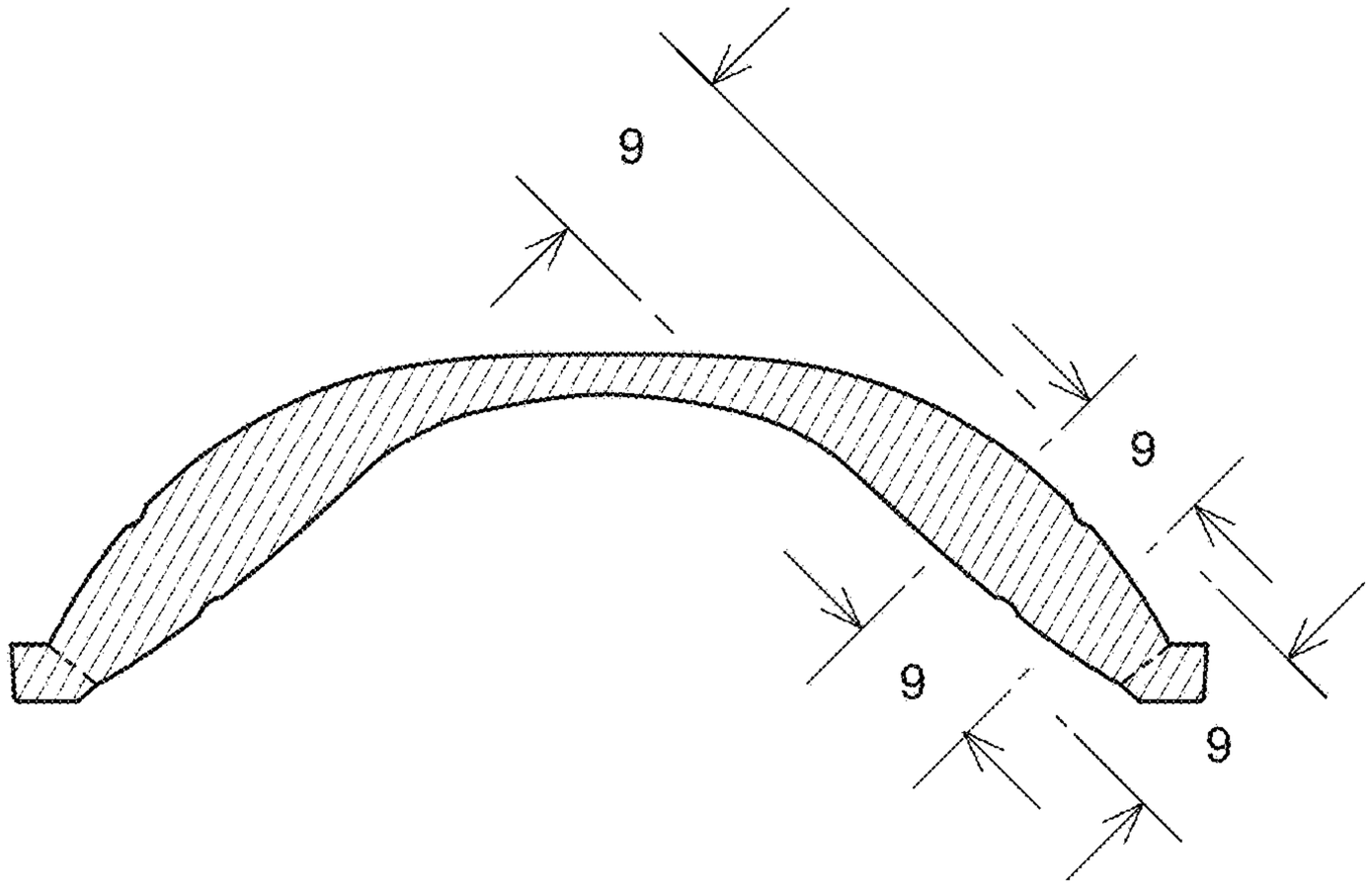


FIG.8

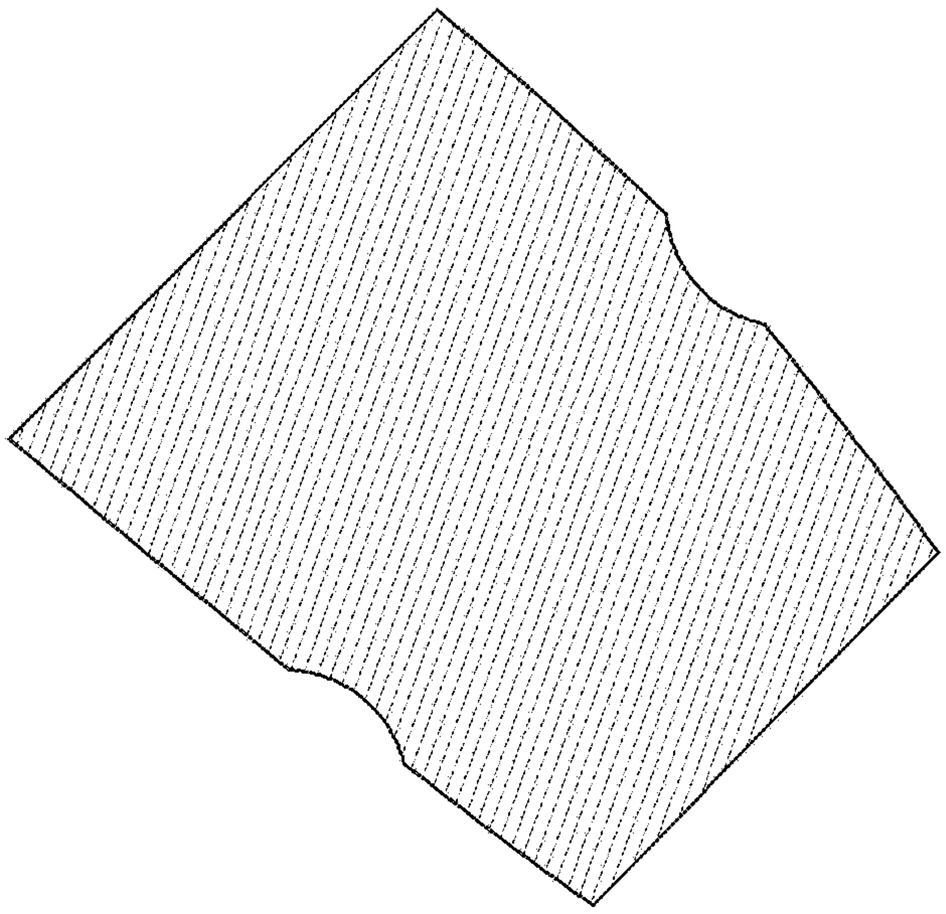


FIG.9

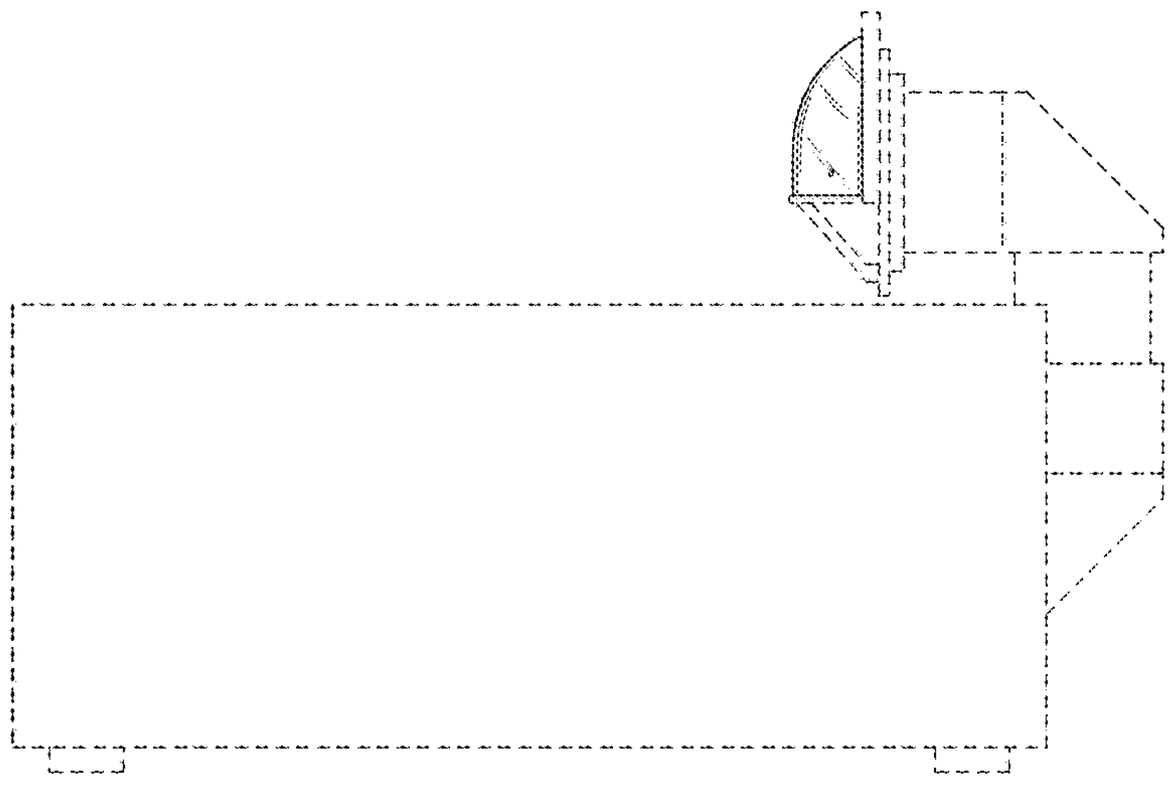


FIG.10