



US00D739799S

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

(10) **Patent No.:** **US D739,799 S**

(45) **Date of Patent:** **** Sep. 29, 2015**

(54) **SPRING FOR VEHICLE SUN VISOR**

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(71) Applicants: **Piolax, Inc.**, Yokohama-shi (JP); **Kasai Kogyo Co., Ltd.**, Kouza-gun (JP)

(57) **CLAIM**

The ornamental design for a spring for vehicle sun visor, as shown and described.

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DESCRIPTION

(73) Assignees: **Piolax, Inc.**, Yokohama-shi, Kanagawa (JP); **Kasai Kogyo Co., Ltd.**, Kouza-gun, Kanagawa (JP)

FIG. 1 is a front perspective view of a spring for vehicle sun visor in an open state, showing our new design; FIG. 2 is a rear perspective view in an open state thereof; FIG. 3 is a front view in an open state thereof; FIG. 4 is a rear view in an open state thereof; FIG. 5 is a left side view in an open state thereof; FIG. 6 is a right side view in an open state thereof; FIG. 7 is a top view in an open state thereof; FIG. 8 is a bottom view in an open state thereof; FIG. 9 is a cross-sectional view thereof, taken along the line 9-9 of FIG. 3;

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

(21) Appl. No.: **29/483,251**

(22) Filed: **Feb. 26, 2014**

FIG. 10 is a cross-sectional view thereof, taken along the line 10-10 of FIG. 3;

(30) **Foreign Application Priority Data**

Aug. 27, 2013 (JP) 2013-019604

FIG. 11 is a cross-sectional view thereof, taken along the line 11-11 of FIG. 7;

(51) **LOC (10) Cl.** **12-16**

FIG. 12 is a front perspective view of the spring for vehicle sun visor in a closed state thereof;

(52) **U.S. Cl.**

USPC **D12/191**

FIG. 13 is a front view in a closed state thereof;

(58) **Field of Classification Search**

USPC D12/191, 181, 183-185, 106, 417, D12/311-312; 296/97.1-97.8, 180.1; 160/370.21-370.23

FIG. 14 is a rear view in a closed state thereof;

CPC B60J 3/02; B60J 3/0208

FIG. 15 is a left side view in a closed state thereof;

See application file for complete search history.

FIG. 16 is a right side view in a closed state thereof;

FIG. 17 is a top view in a closed state thereof;

FIG. 18 is a bottom view in a closed state thereof;

FIG. 19 is a cross-sectional view thereof, taken along the line 19-19 of FIG. 13;

(56) **References Cited**

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FIG. 20 is a cross-sectional view thereof, taken along the line 20-20 of FIG. 13; and,

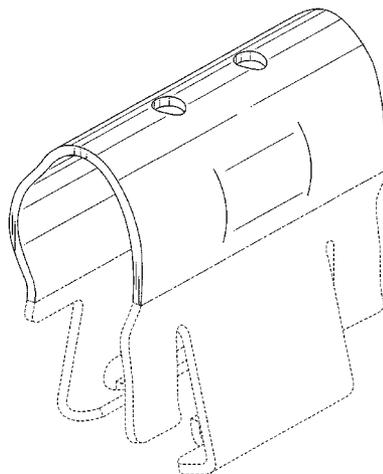
FIG. 21 is a view showing a usage thereof.

The broken lines shown are included for the purpose of illustrating the unclaimed portions of the spring for vehicle sun visor and form no part of the claimed design. The short dash-long dash lines shown represents the boundary between the claimed portion and unclaimed portion.

(Continued)

Primary Examiner — Katrina A Betton

1 Claim, 15 Drawing Sheets



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Fig. 1

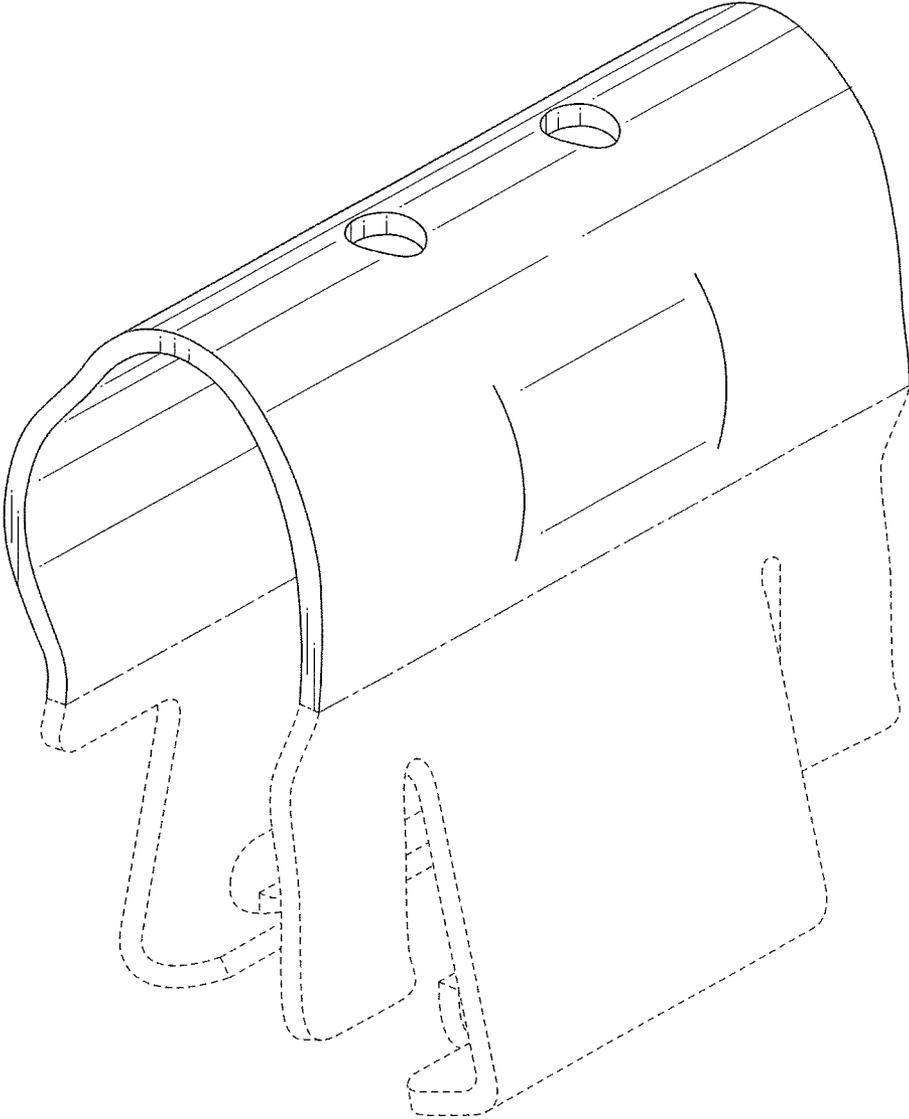


Fig. 2

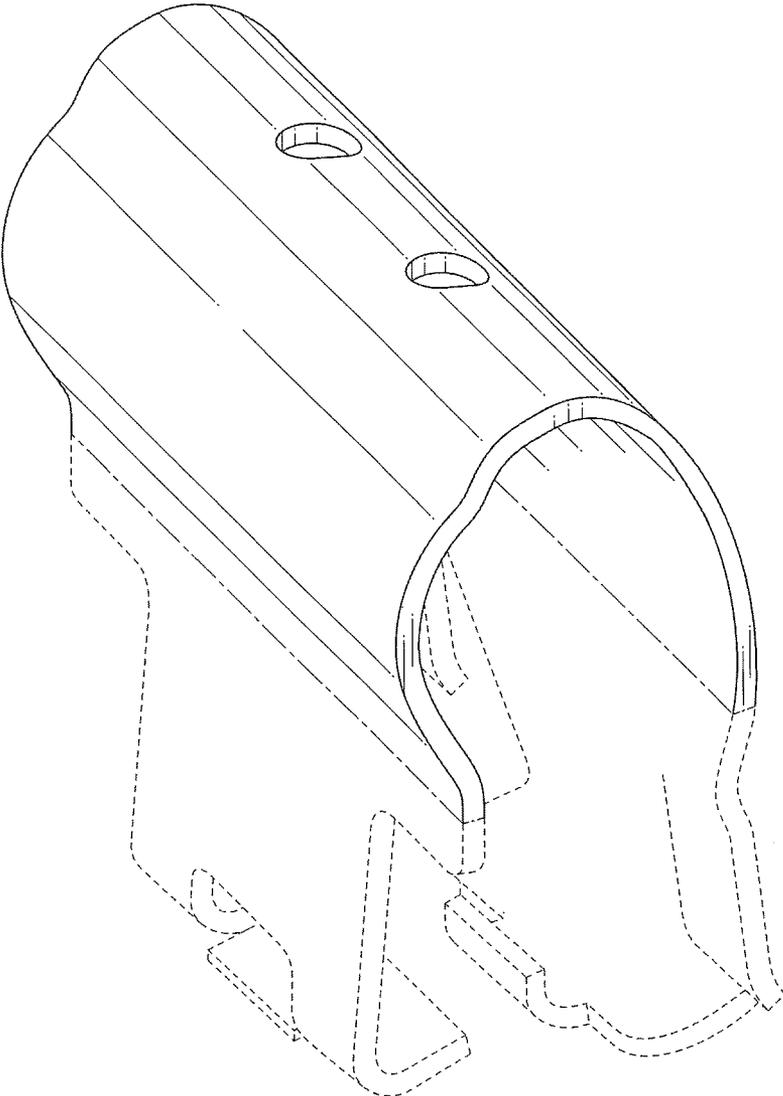


Fig. 3

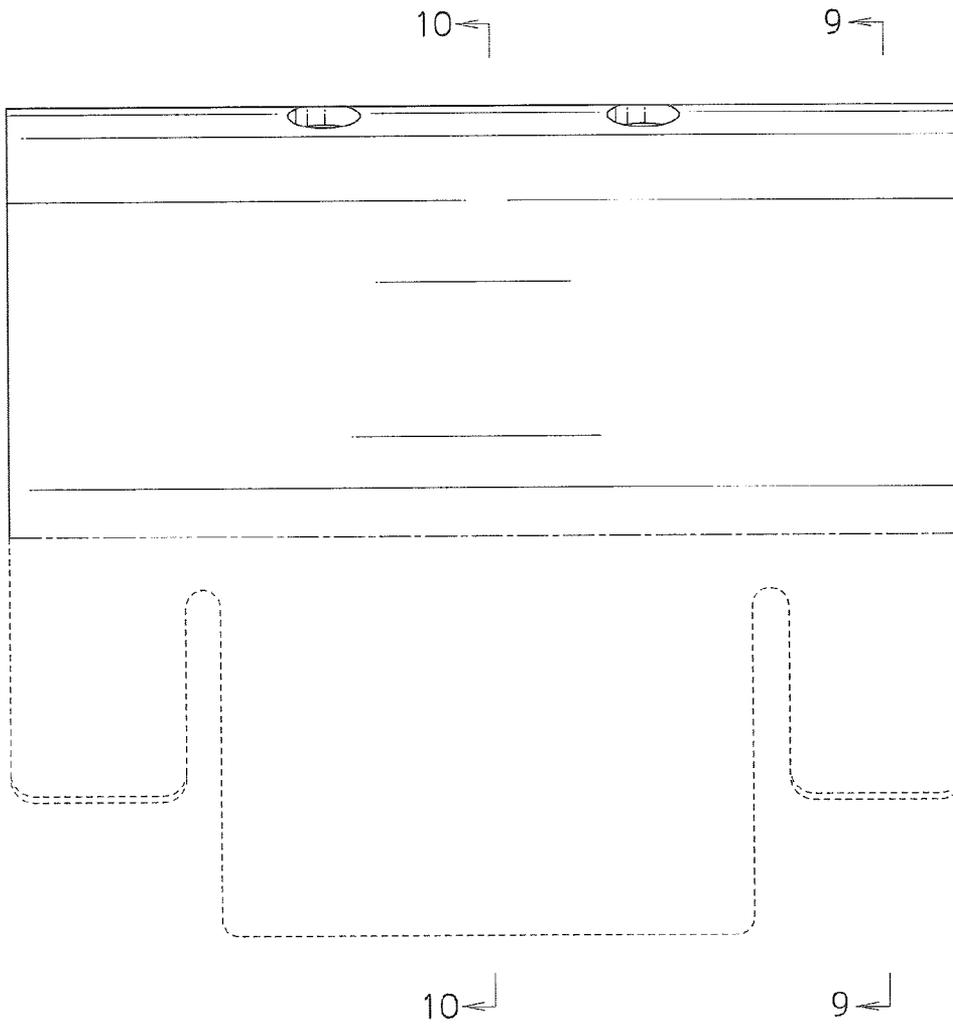


Fig. 4

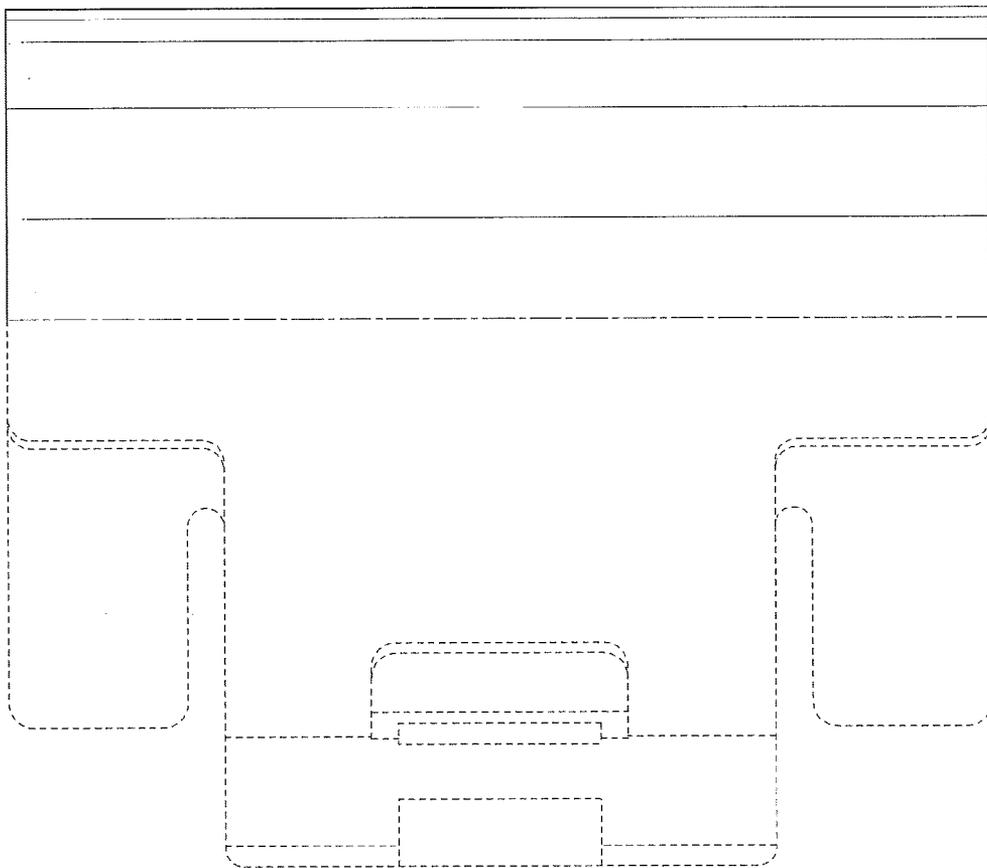


Fig. 5

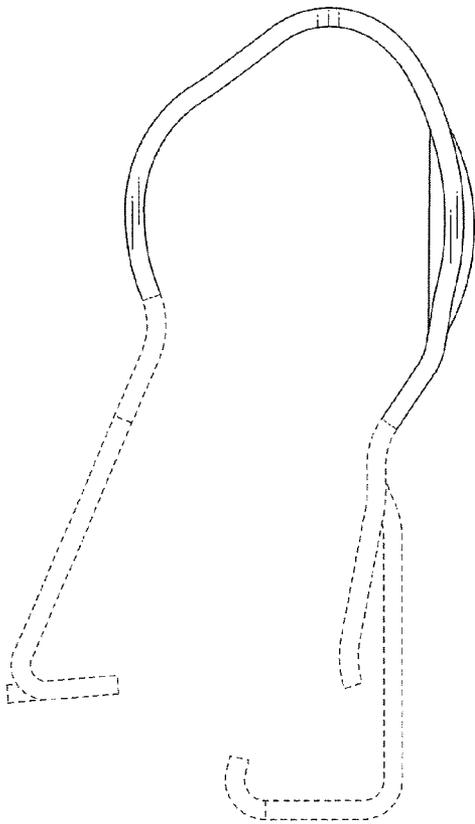


Fig. 6

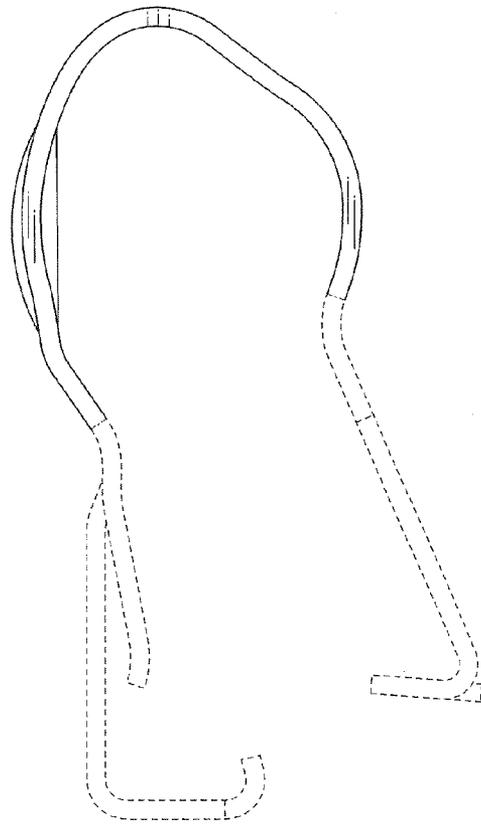


Fig. 7

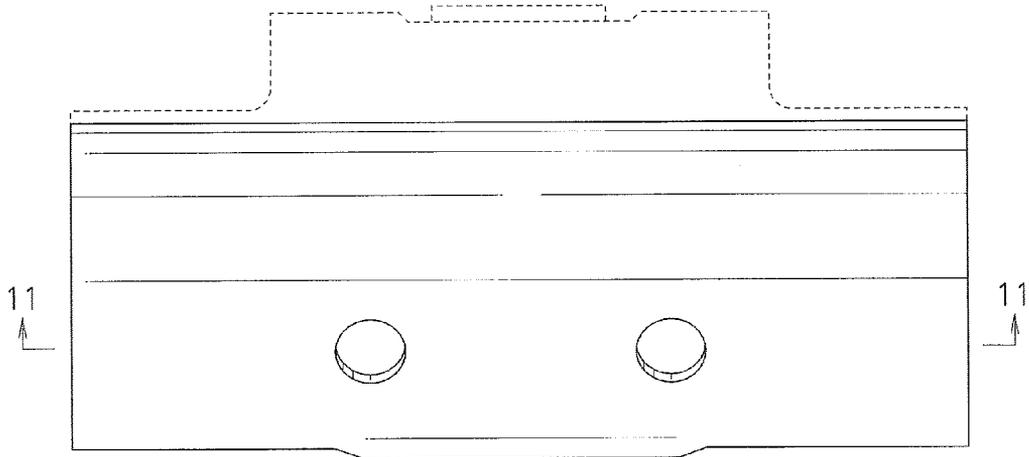


Fig. 8

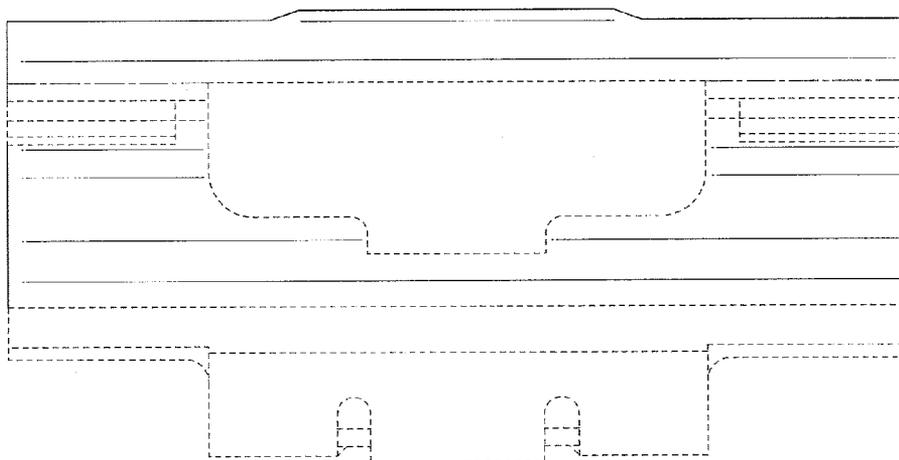


Fig. 9

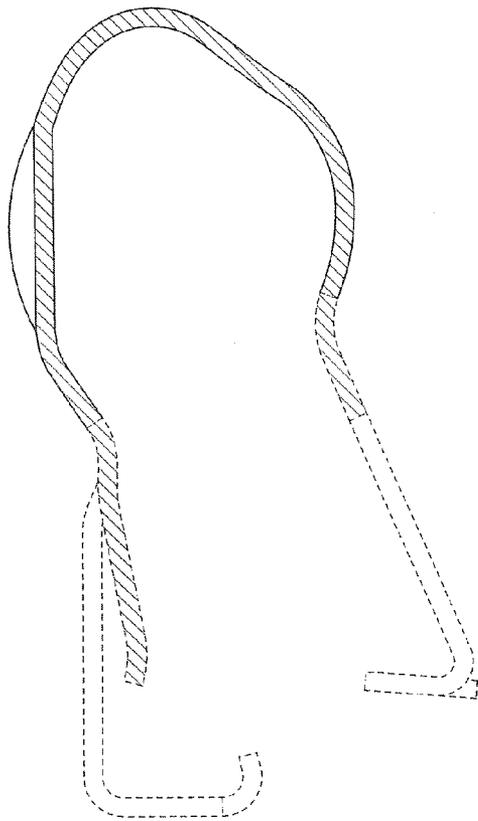


Fig. 10

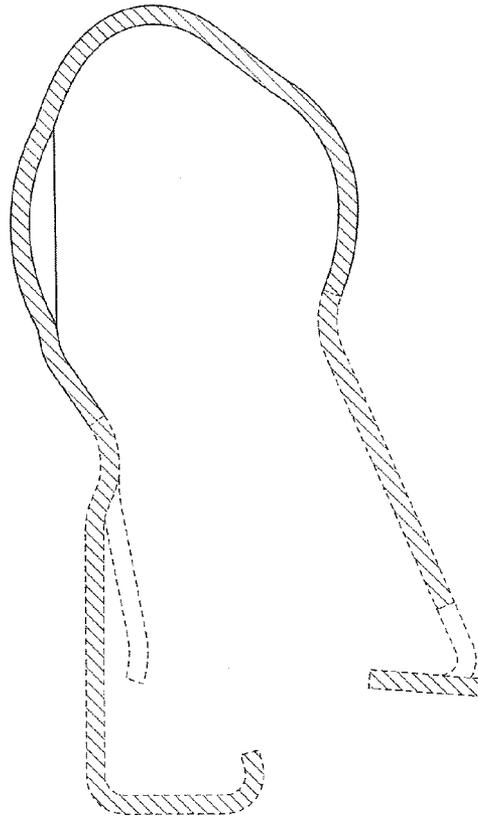


Fig. 11

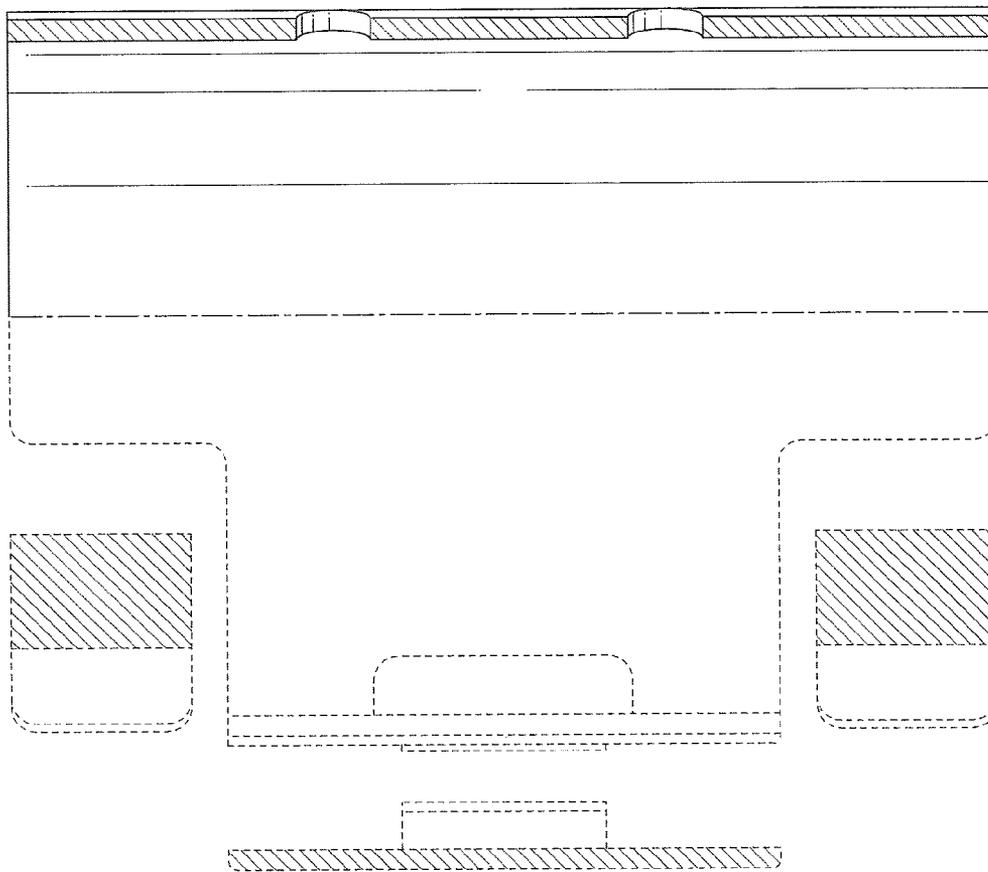


Fig. 12

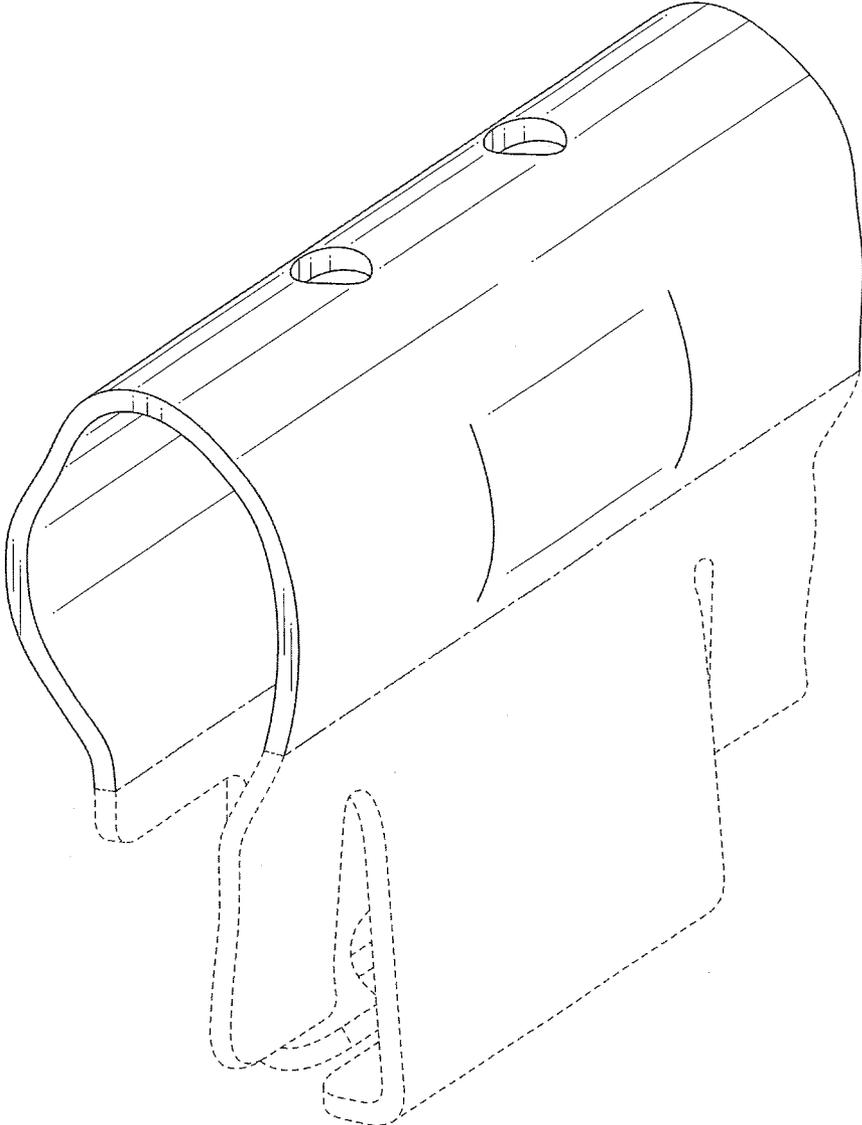


Fig. 13

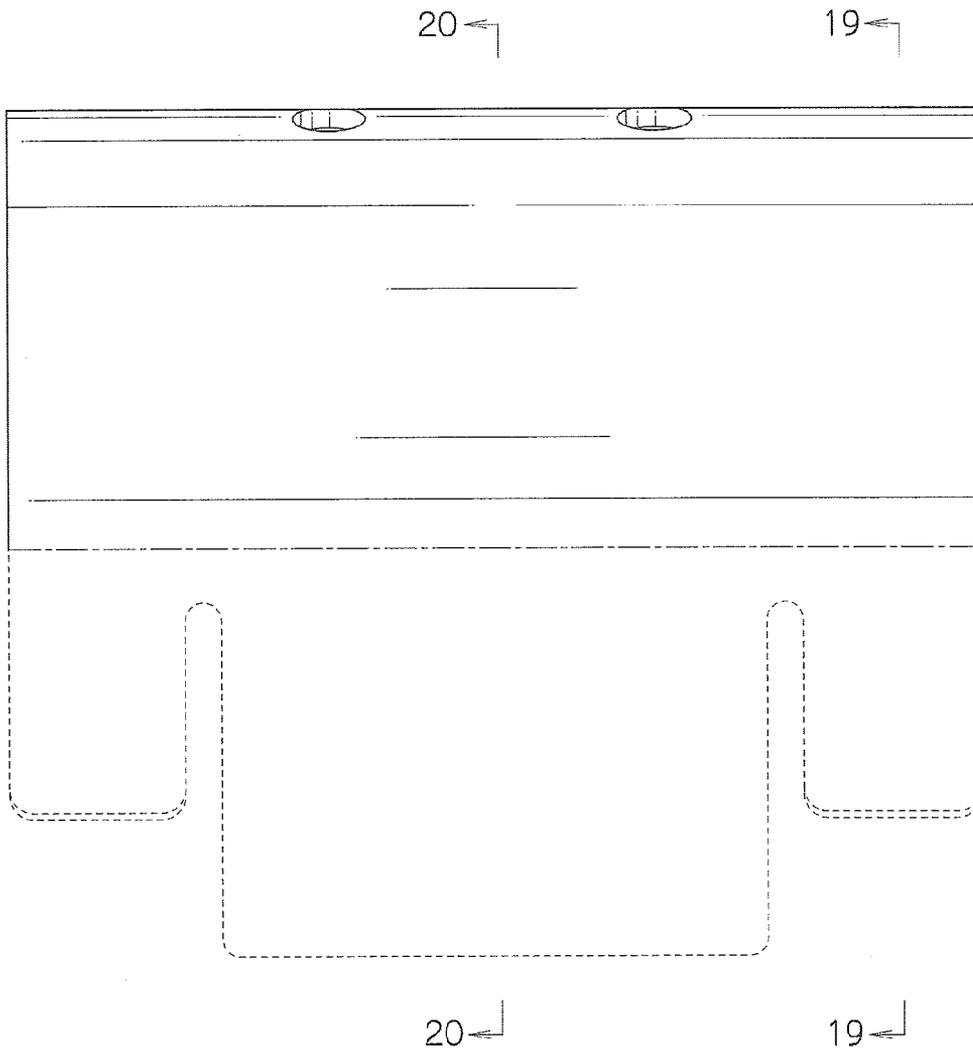


Fig. 14

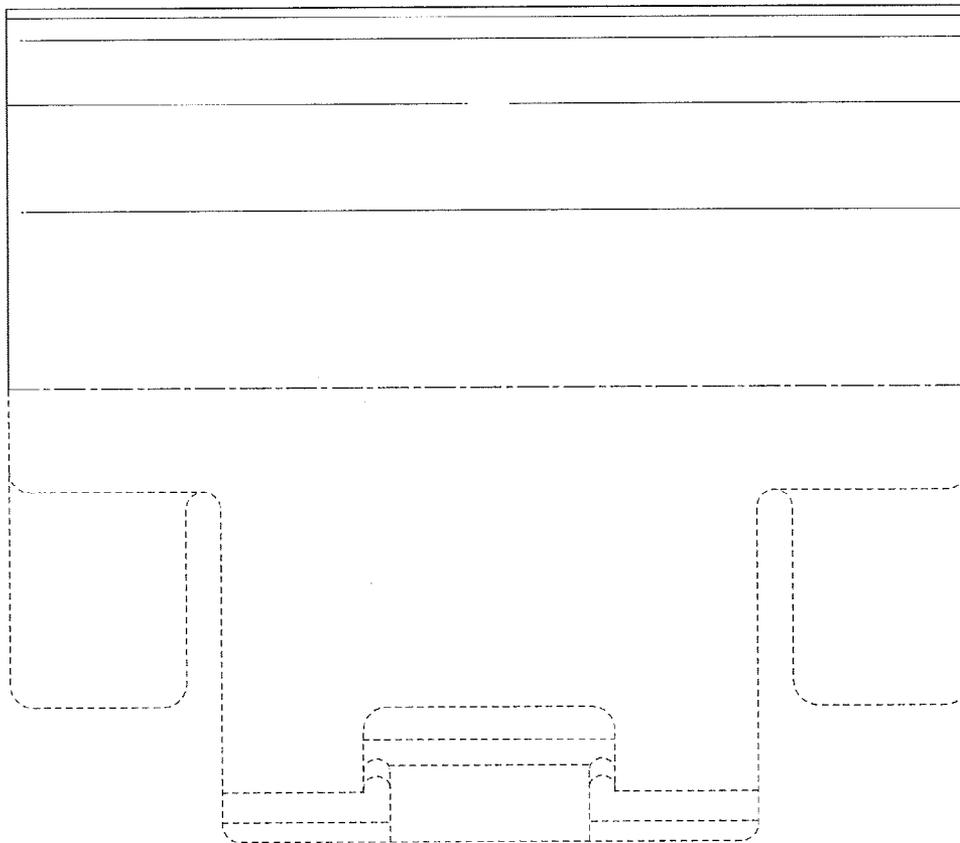


Fig. 15

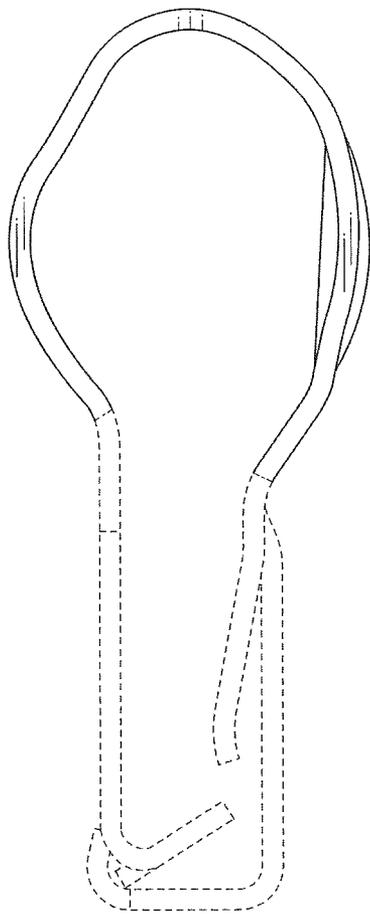


Fig. 16

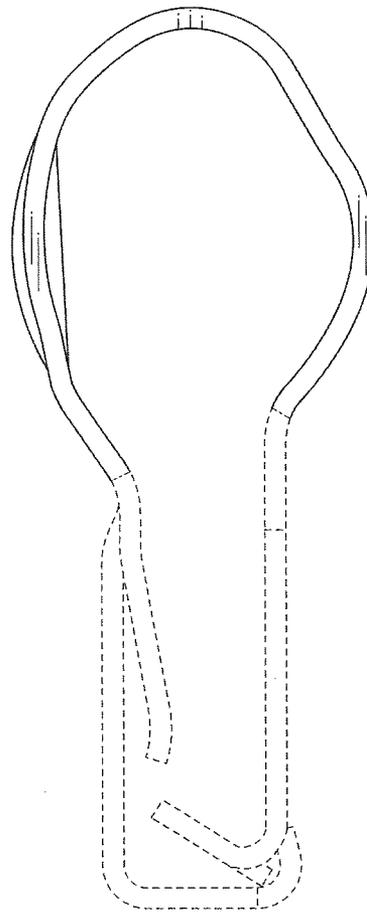


Fig. 17

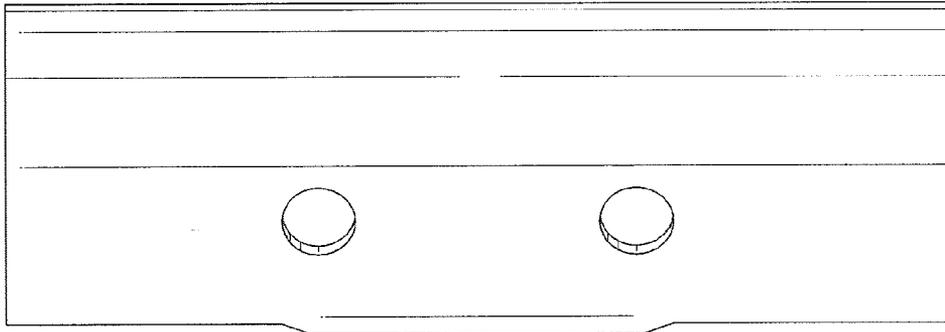


Fig. 18

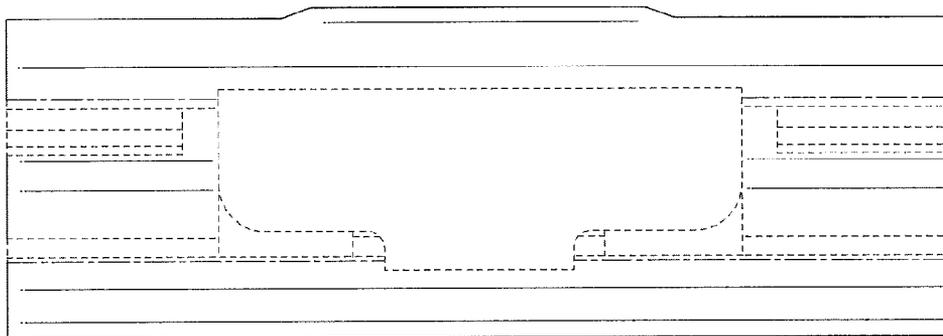


Fig. 19

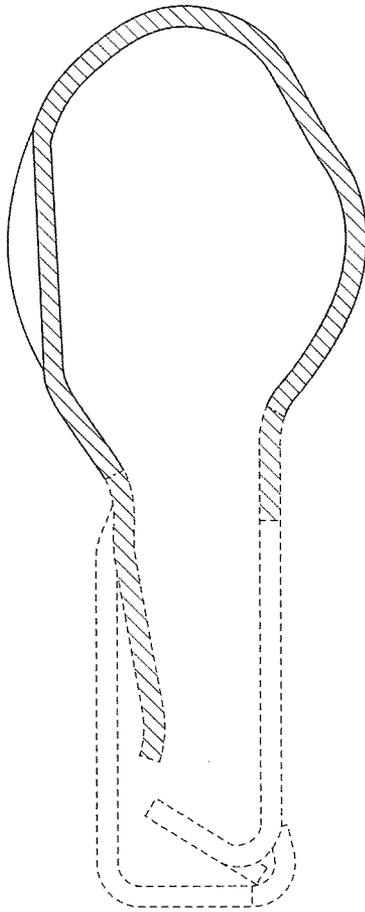


Fig. 20

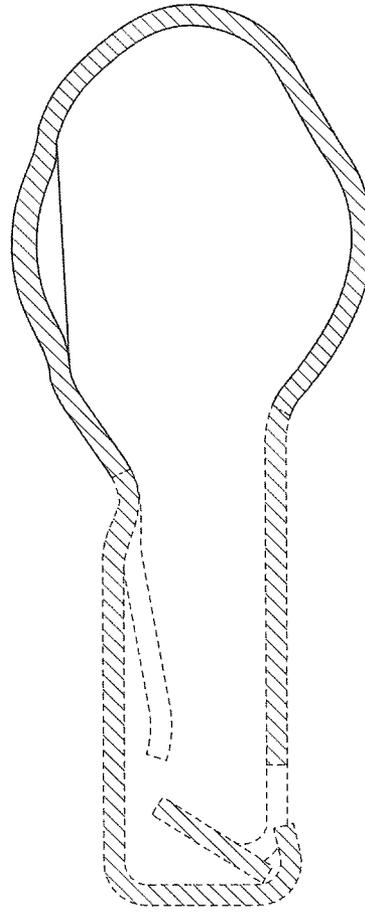


Fig. 21

