



US00D775700S

(12) **United States Design Patent** (10) **Patent No.:** **US D775,700 S**
Philips (45) **Date of Patent:** **** Jan. 3, 2017**

(54) **POLAR SKI BINDING**

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(73) Assignee: **Eric Philips**, Mt. Nelson (AU)

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

(21) Appl. No.: **29/510,517**

(22) Filed: **Nov. 30, 2014**

(51) **LOC (10) Cl.** **21-02**

(52) **U.S. Cl.**
USPC **D21/773**

(58) **Field of Classification Search**

USPC D21/760, 761, 765, 766, 801, 803;
441/65-66, 68-69, 72-75, 79; D12/6;
280/11.3, 11.31, 601-606, 609-610, 631,
280/632, 634

CPC A63C 5/04

See application file for complete search history.

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Primary Examiner — Zenia Bennett

(57) **CLAIM**

The ornamental design for a polar ski binding, as shown.

DESCRIPTION

FIG. 1 is a lateral (outside) perspective view of the right binding showing my new design;

FIG. 2. is a lateral perspective, exploded view thereof. Each of the exploded component plates is symmetrical, and the perspective represented here is a mirror image of the left-hand binding;

FIG. 3. is a rear medial (inside) elevational view of the right binding;

FIG. 4. is a medial perspective view thereof;

FIG. 5. is a front elevational view thereof;

FIG. 6 is a rear elevational view thereof;

FIG. 7 is a front overview thereof;

FIG. 8 is a top plan view thereof;

FIG. 9 is a bottom plan view thereof;

FIG. 10 is a lateral elevational view of the binding in its flat or unflexed position; and,

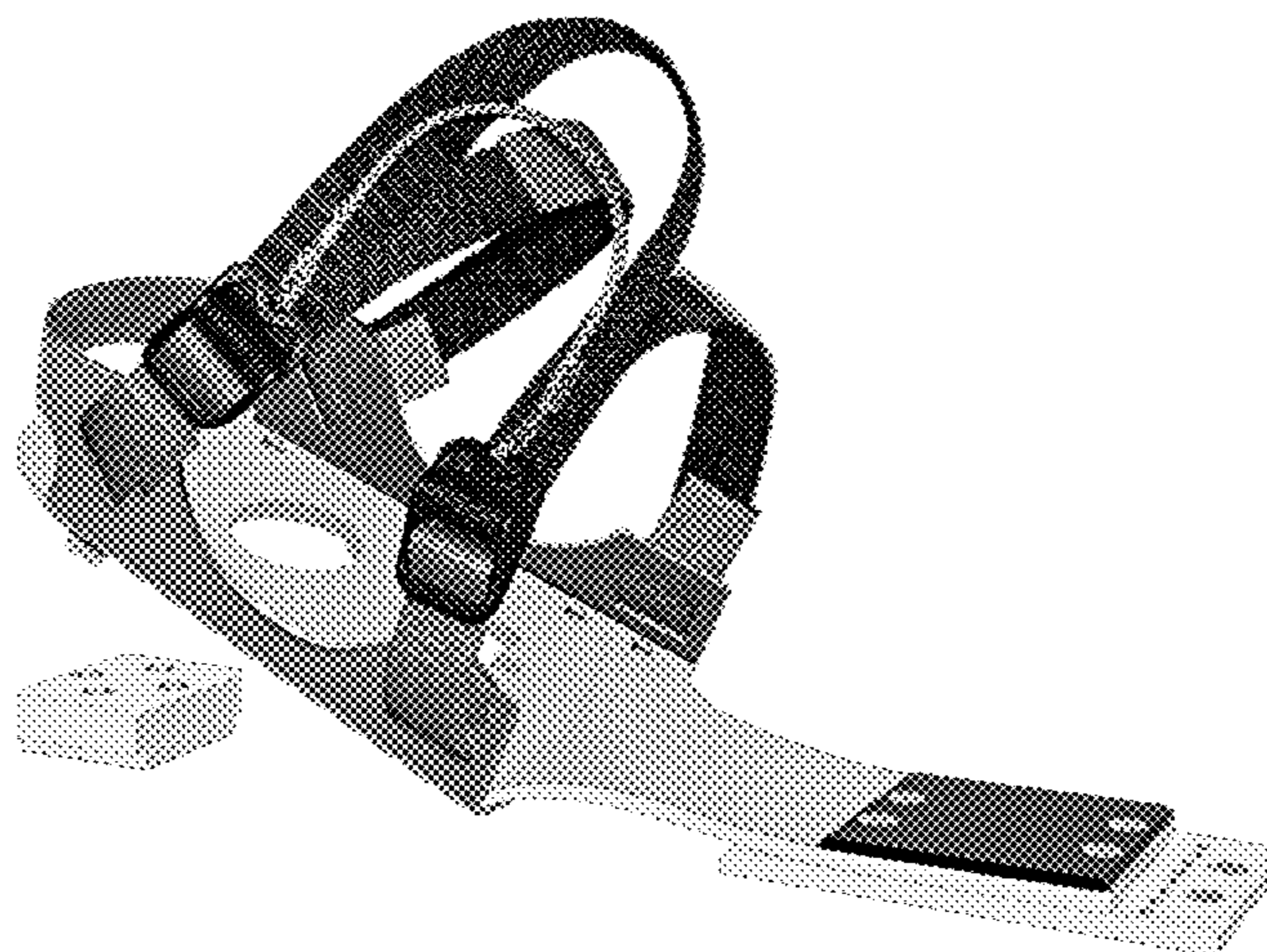
FIG. 11 is a lateral perspective view thereof. The boot and ski are shown in broken lines and form no part of the claimed design.

The binding is typically screw-mounted to a ski and secures a boot for the purpose of polar skiing. The binding consists of a number of components that give the binding its distinctive shape, including an assembly of plastic plates, an aluminium top plate, aluminium side-walls and heel band, nylon webbing, nylon buckles and a loop of cord. When the binding is in use, the boot enters from the rear and sits on the base plate, secured by the strap system. The plates are used to secure the binding to the ski.

My design consists of a right and left binding. The descriptions and figures pertain to a right binding. The left-hand binding is not displayed but is a mirror view of all illustrations shown here.

Images shown represent the binding in its plantar flexed position except for FIG. 10. which displays the binding in its unflexed or flat position. The binding is flexible at the ball of the foot enabling the rear of the binding to hinge down and touch the heel plate.

1 Claim, 5 Drawing Sheets



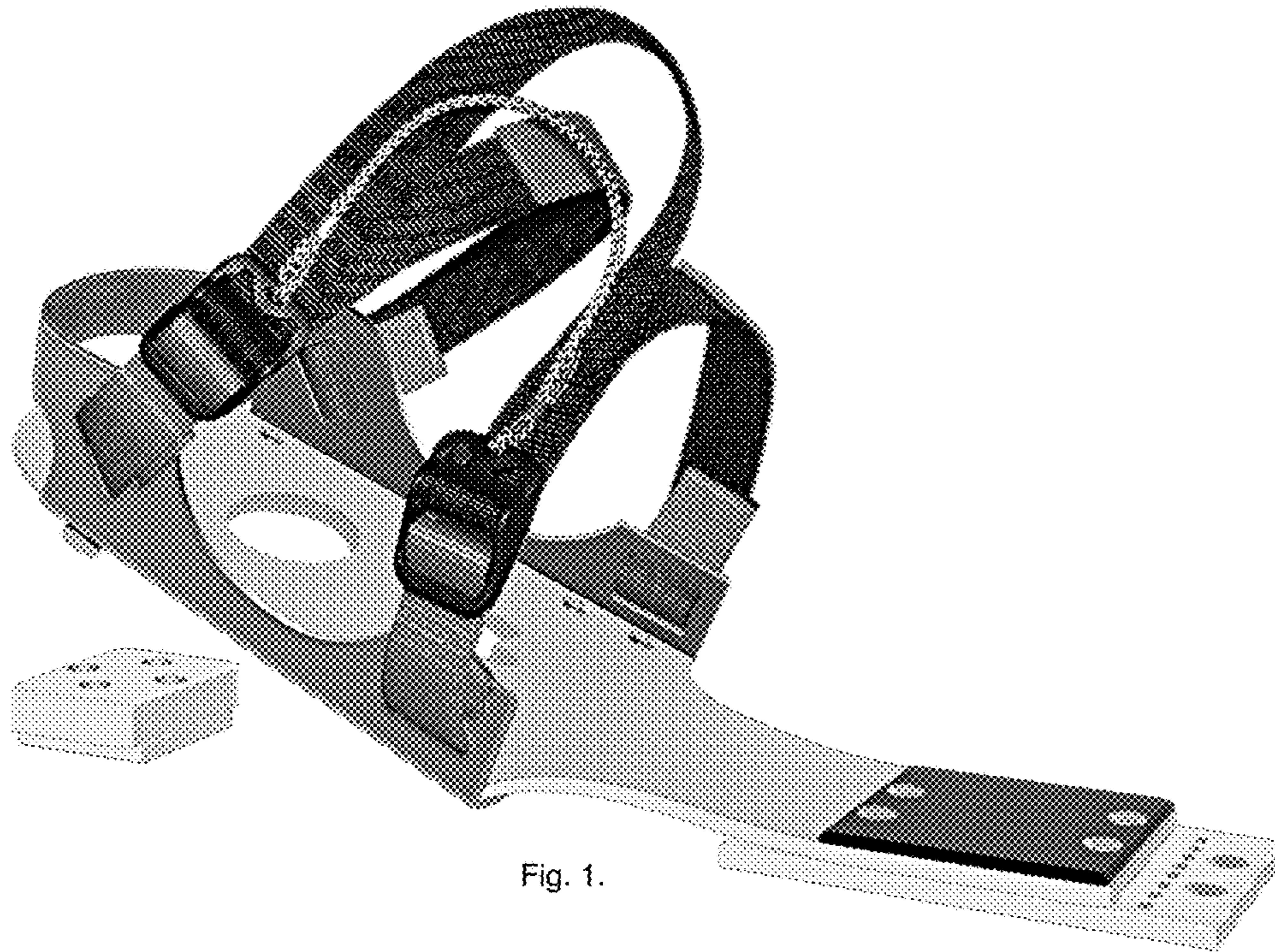


Fig. 1.



Fig. 2.

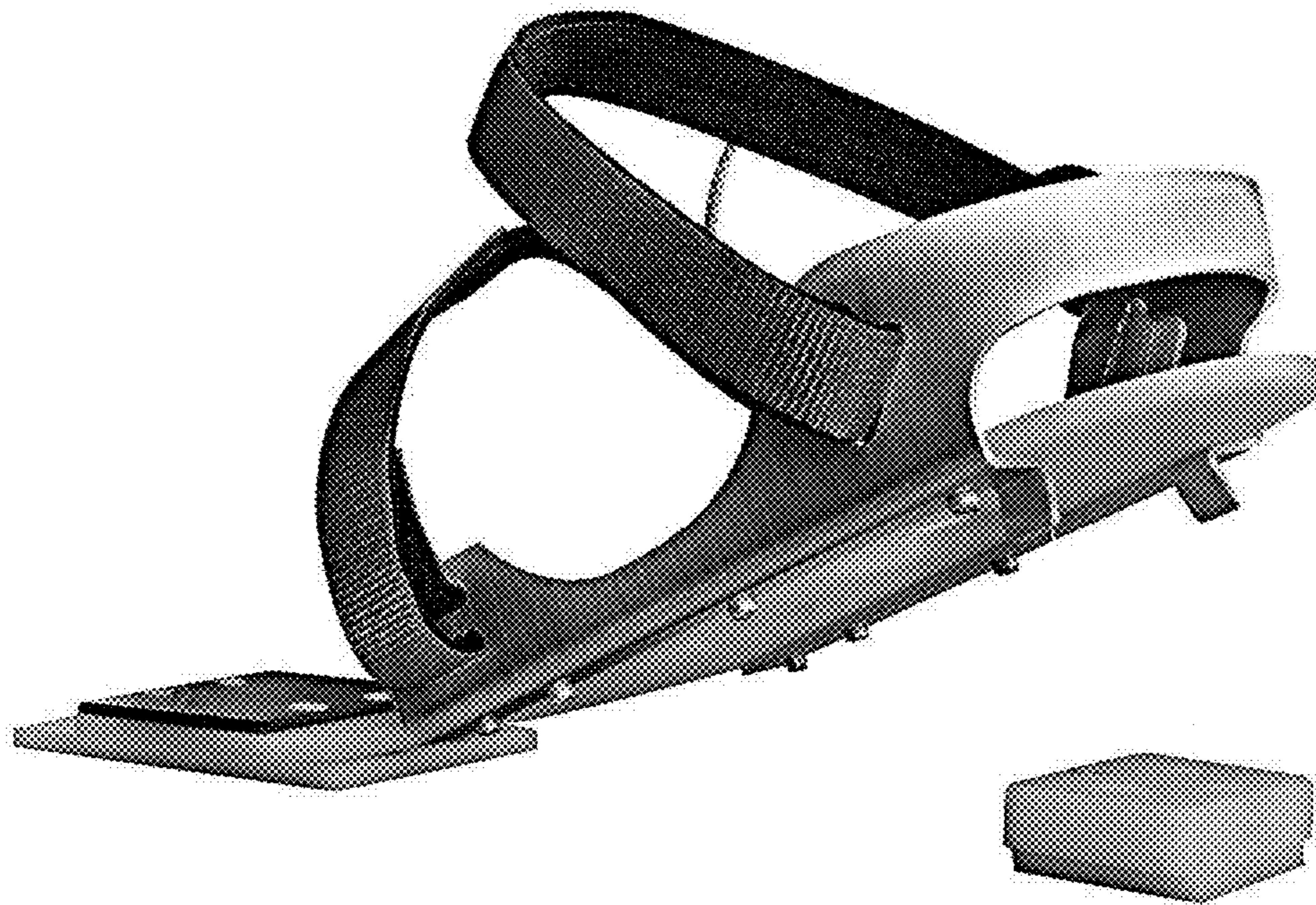


Fig. 3.



Fig. 4.

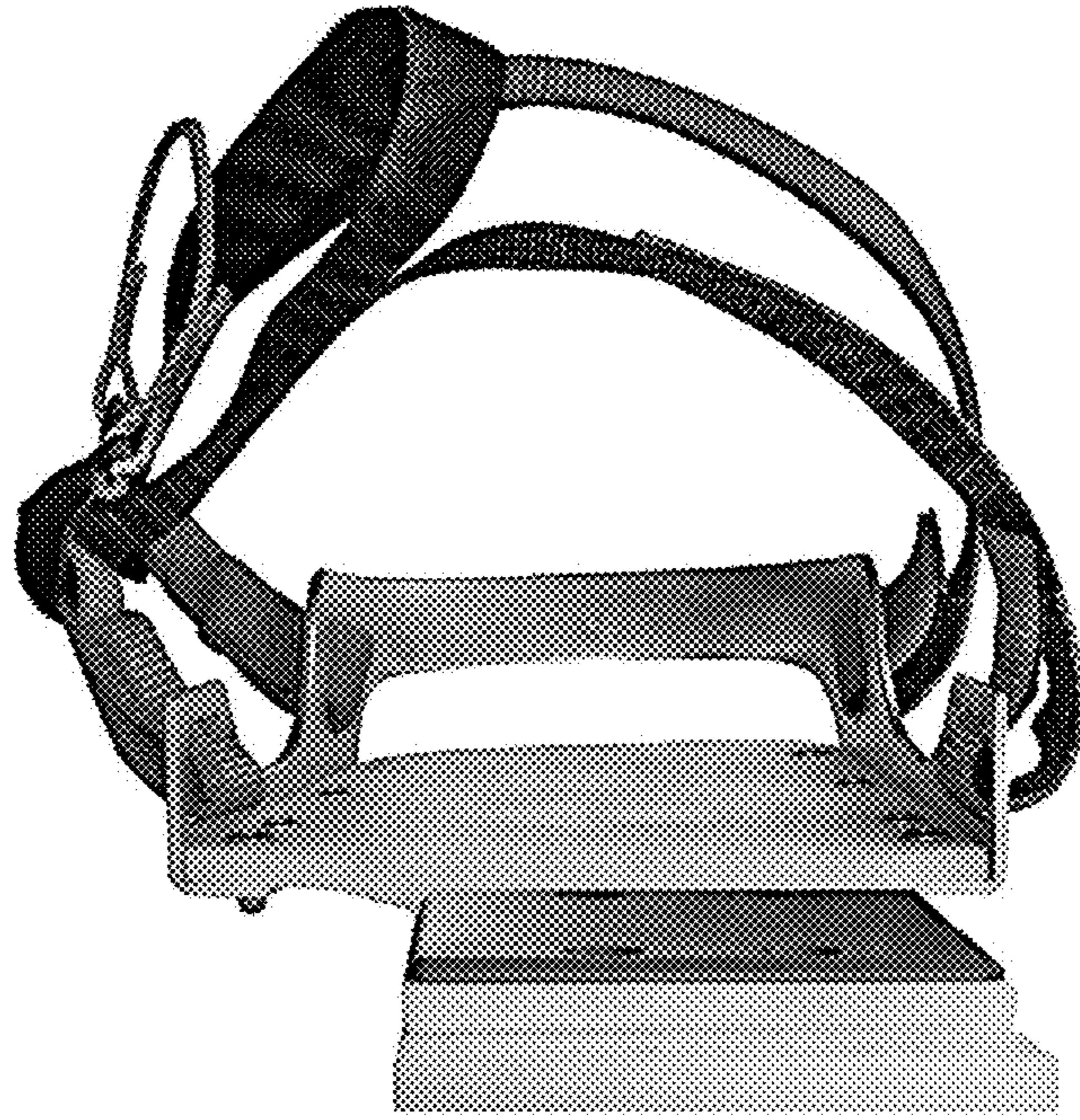


Fig. 5.



Fig. 6.

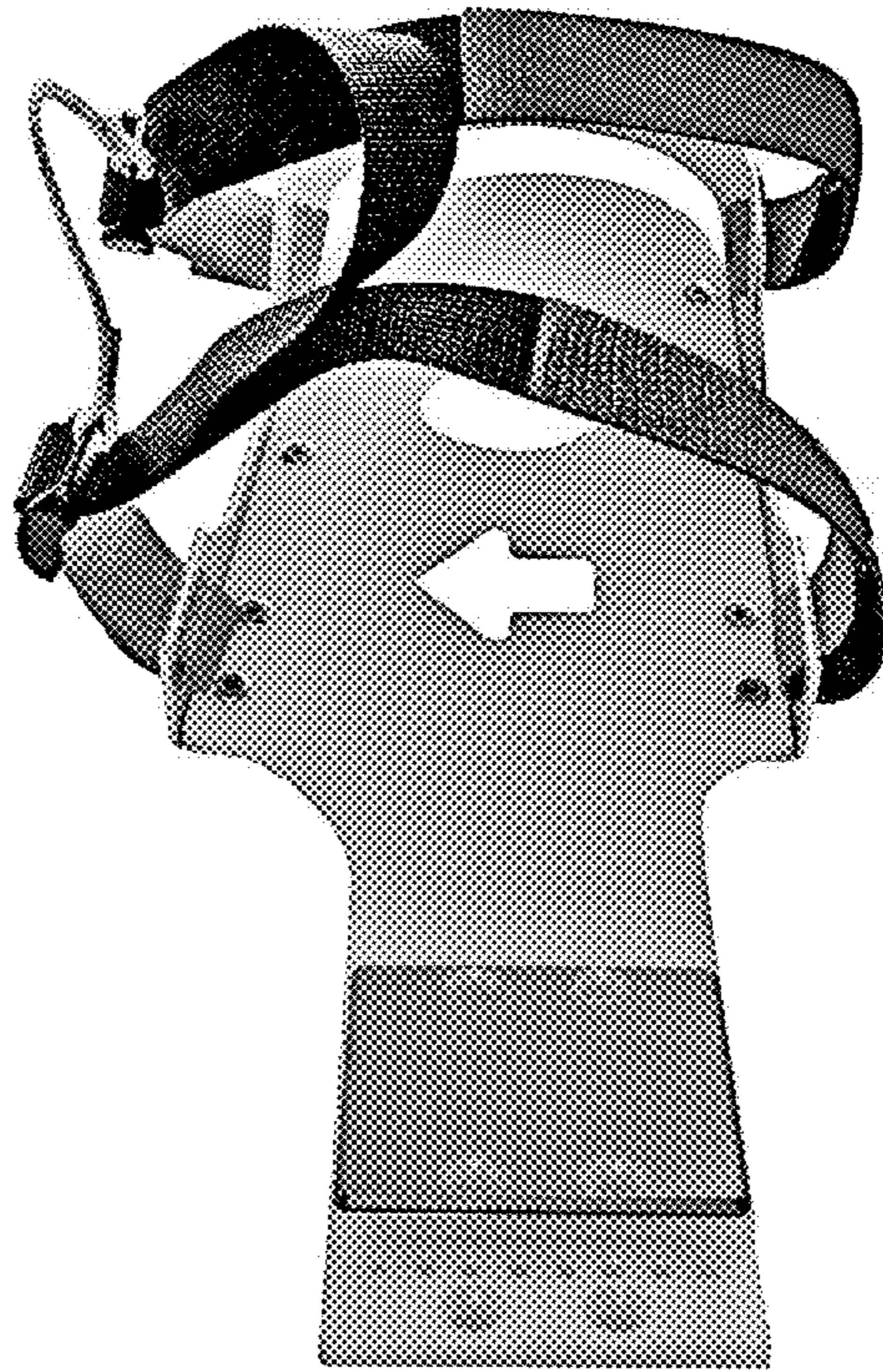


Fig. 7.

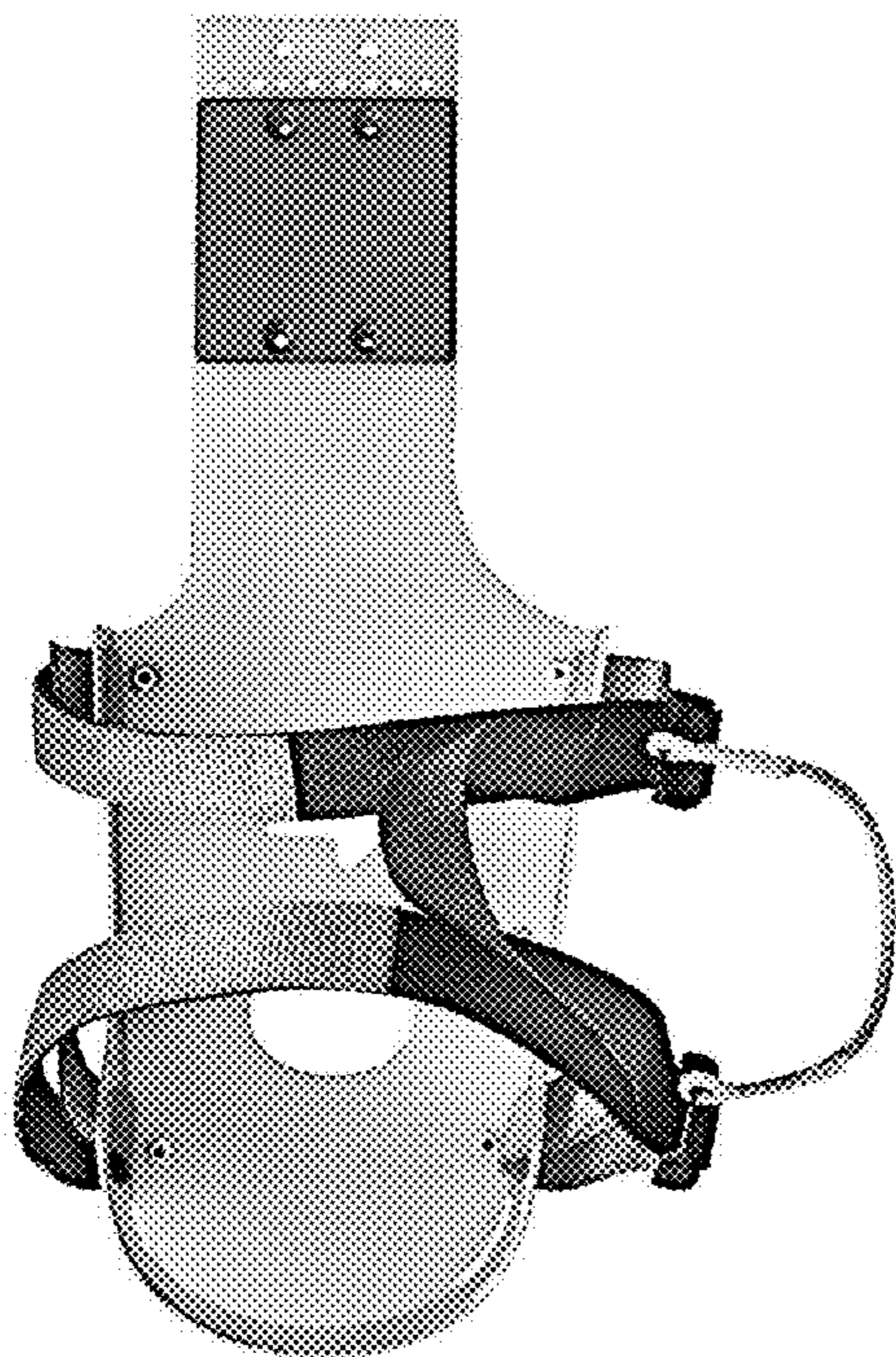


Fig. 8.

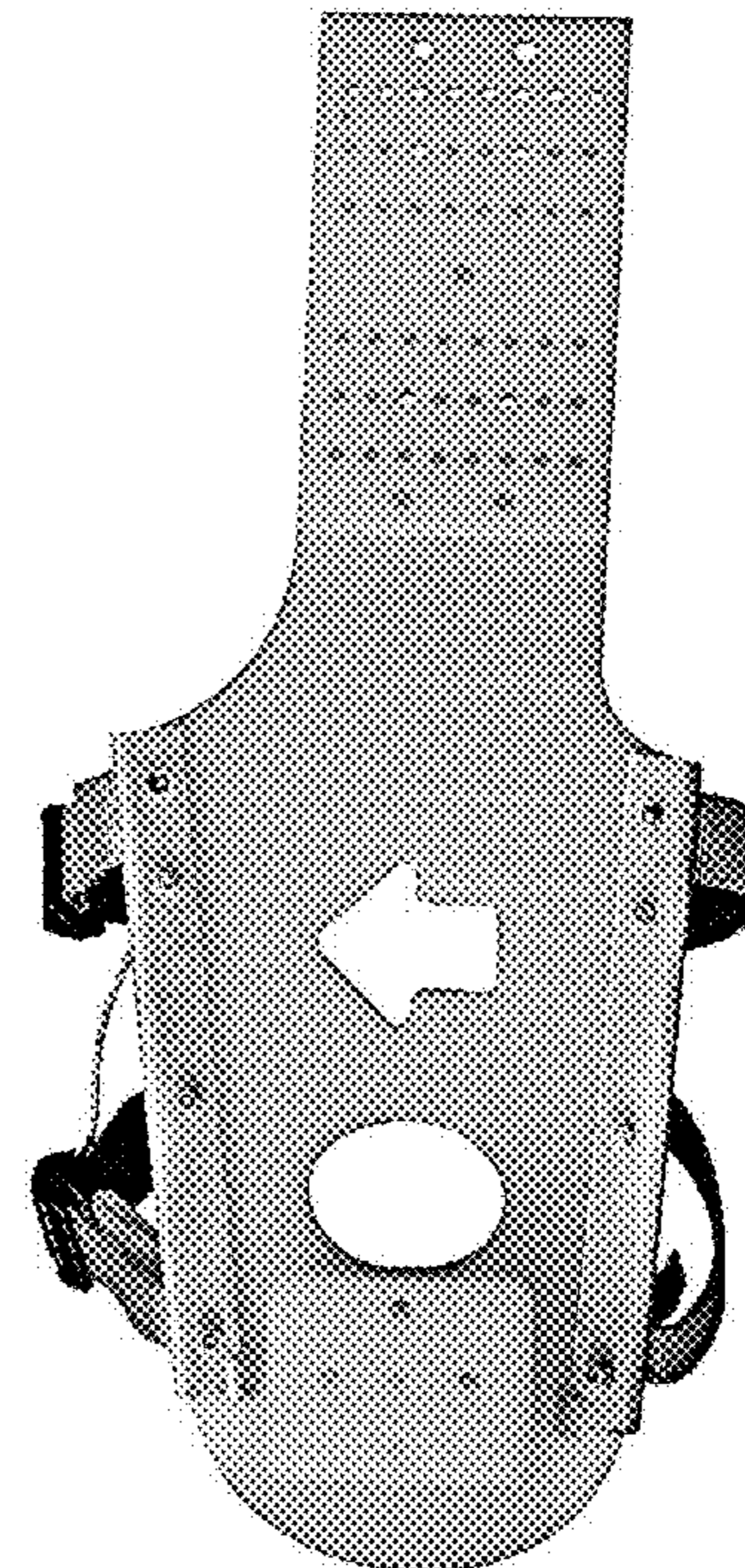


Fig. 9.

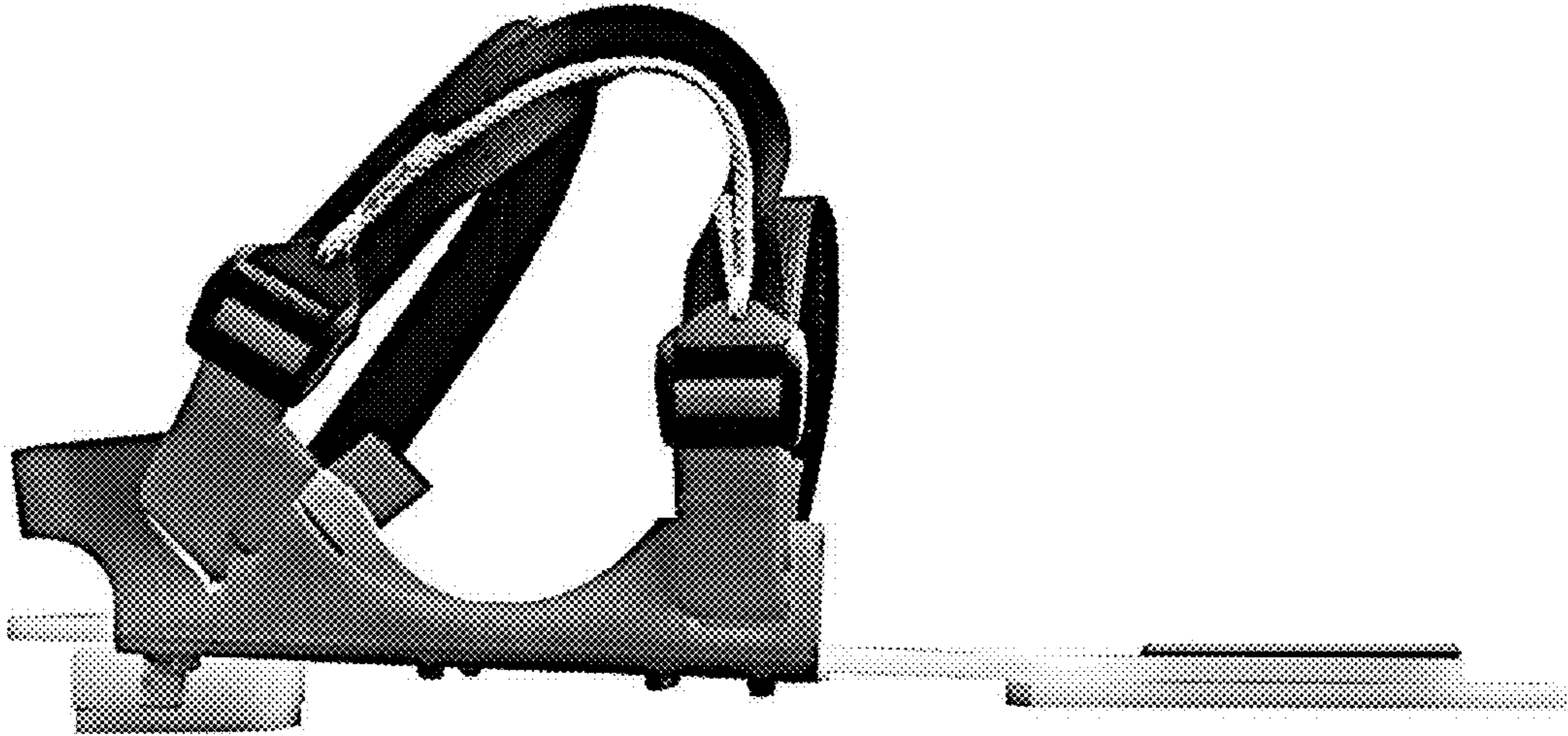


Fig. 10.

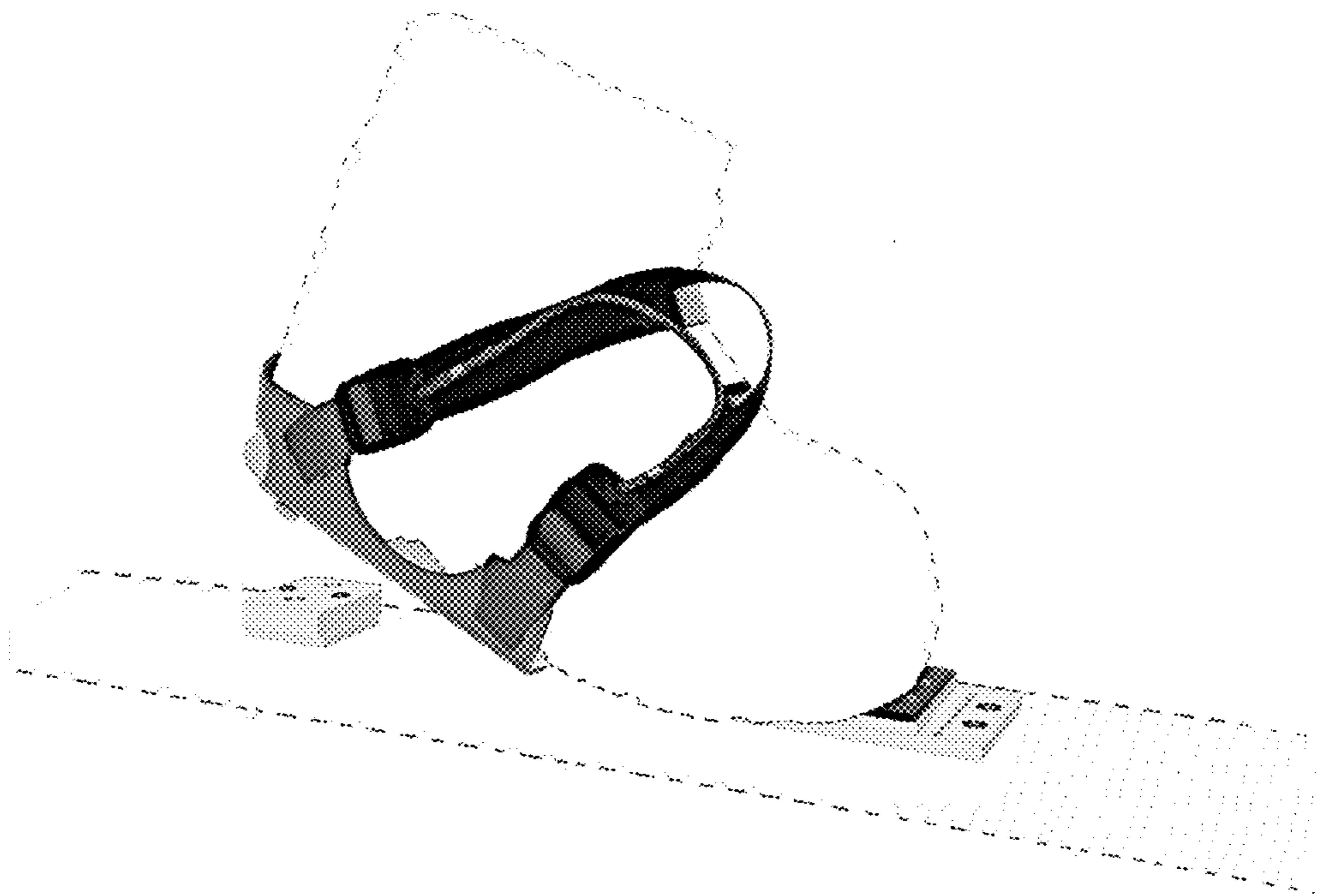


Fig. 11.