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

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(45) **Date of Patent:** **** Mar. 22, 2022**

(54) **WIRELESS EXPANSIVE PIPE CLAMP THERMOCOUPLE**

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(73) Assignee: **Fieldpiece Instruments, Inc.**, Orange, CA (US)

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

(21) Appl. No.: **29/755,557**

(22) Filed: **Oct. 21, 2020**

(51) **LOC (13) Cl.** **08-05**

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

USPC **D8/72**

(58) **Field of Classification Search**

USPC D8/71-74, 394-399, 59; 248/63, 72, 248/74.1, 689, 124.2; 81/487, 385, 386, 81/388-390; 269/3, 4, 6, 143, 165, 240, 269/243, 246-249, 254 R, 147-149; 29/256, 257, 276; 408/103, 104-109

CPC B25B 1/00; B25B 5/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D670,998 S * 11/2012 Lavoie D8/395
D682,080 S * 5/2013 Borovicka D8/395
D697,779 S * 1/2014 Iwasaki D8/72
8,672,307 B1 * 3/2014 Pacheco B25B 5/06
269/6

D823,103 S * 7/2018 Glasscock D8/395
D876,212 S * 2/2020 Waldman A61H 7/001
D8/395
D913,936 S * 3/2021 Nook D13/120
D913,938 S * 3/2021 Nook D13/120
D926,689 S * 8/2021 Gu D13/120
D931,811 S * 9/2021 Bone D13/120
D932,009 S * 9/2021 Porat D24/143
D934,174 S * 10/2021 Protti D13/120
D934,805 S * 11/2021 Nook D13/120

* cited by examiner

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(57) **CLAIM**

The ornamental design for a wireless expansive pipe clamp thermocouple, as shown and described.

DESCRIPTION

The file of this patent contains at least one drawing executed in color. Copies of this patent with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a top-right perspective view of a wireless expansive pipe clamp thermocouple showing our new design.

FIG. 2 is a bottom-right perspective view thereof.

FIG. 3 is a top plan view thereof.

FIG. 4 is a bottom plan view thereof.

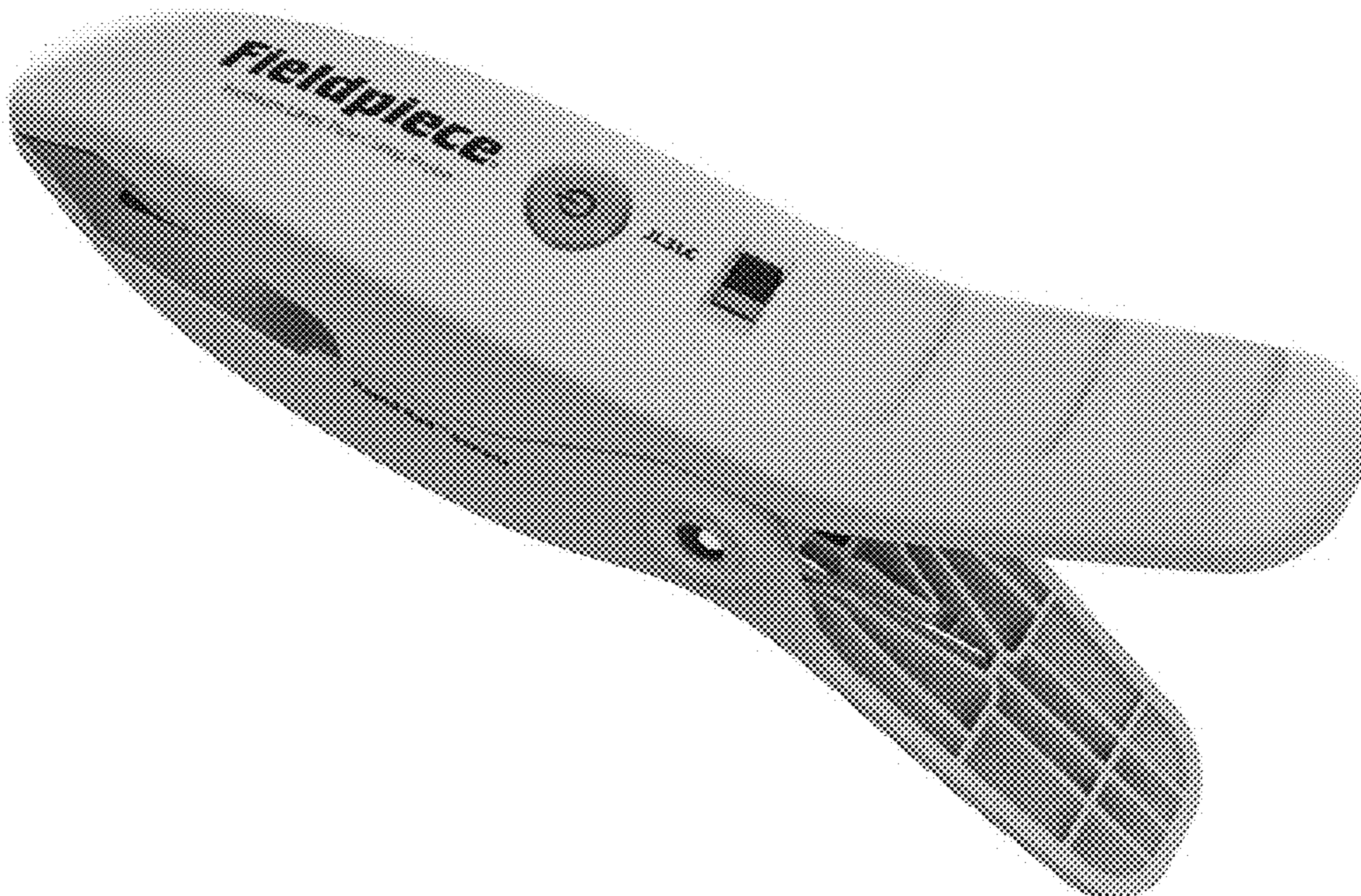
FIG. 5 is a front elevation view thereof.

FIG. 6 is a rear elevation view thereof.

FIG. 7 is a right side elevation view thereof; and,

FIG. 8 is a left side elevation view thereof.

1 Claim, 4 Drawing Sheets
(4 of 4 Drawing Sheet(s) Filed in Color)



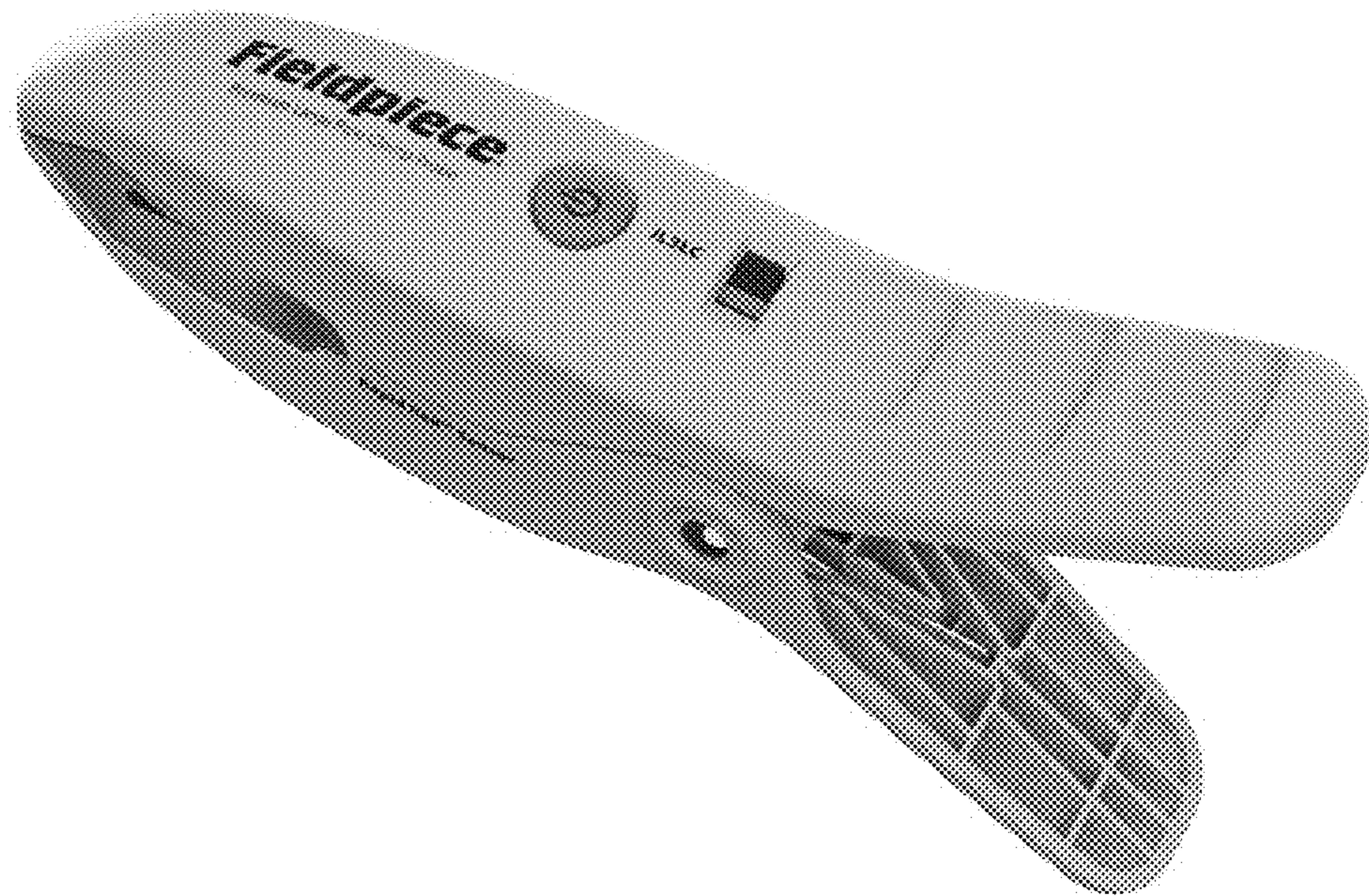


Fig. 1



Fig. 2

Fig. 3

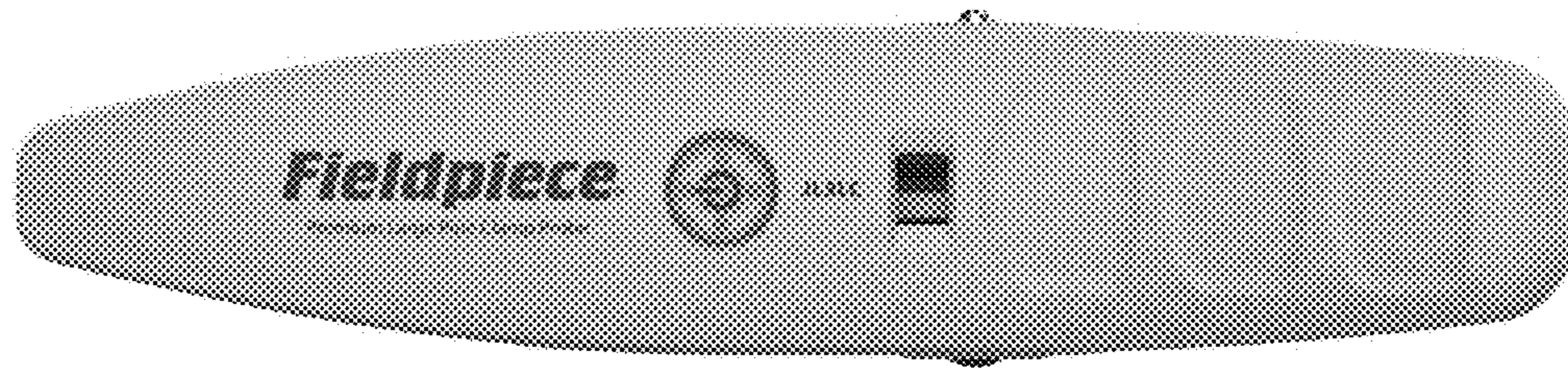


Fig. 4

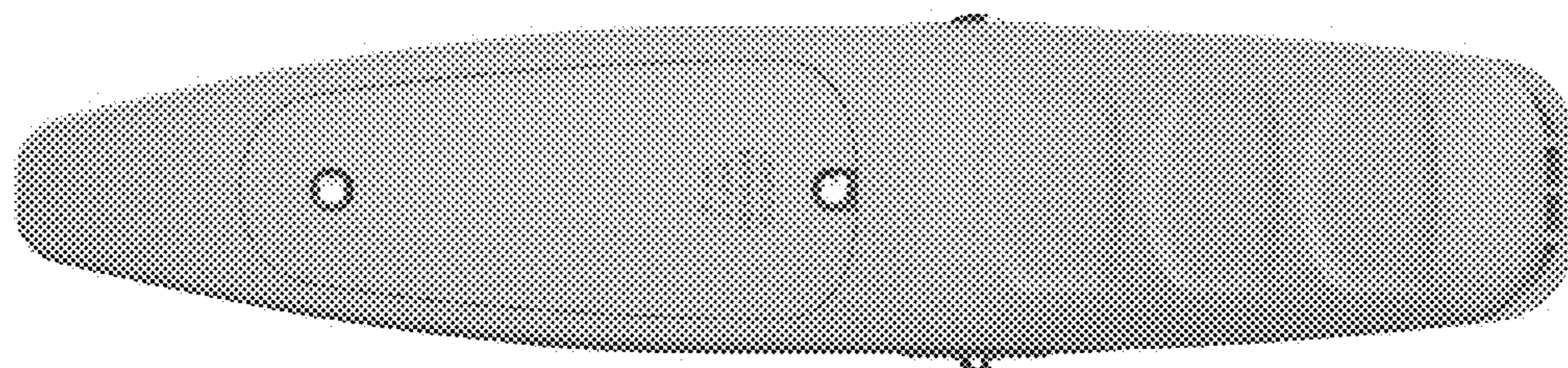


Fig. 5

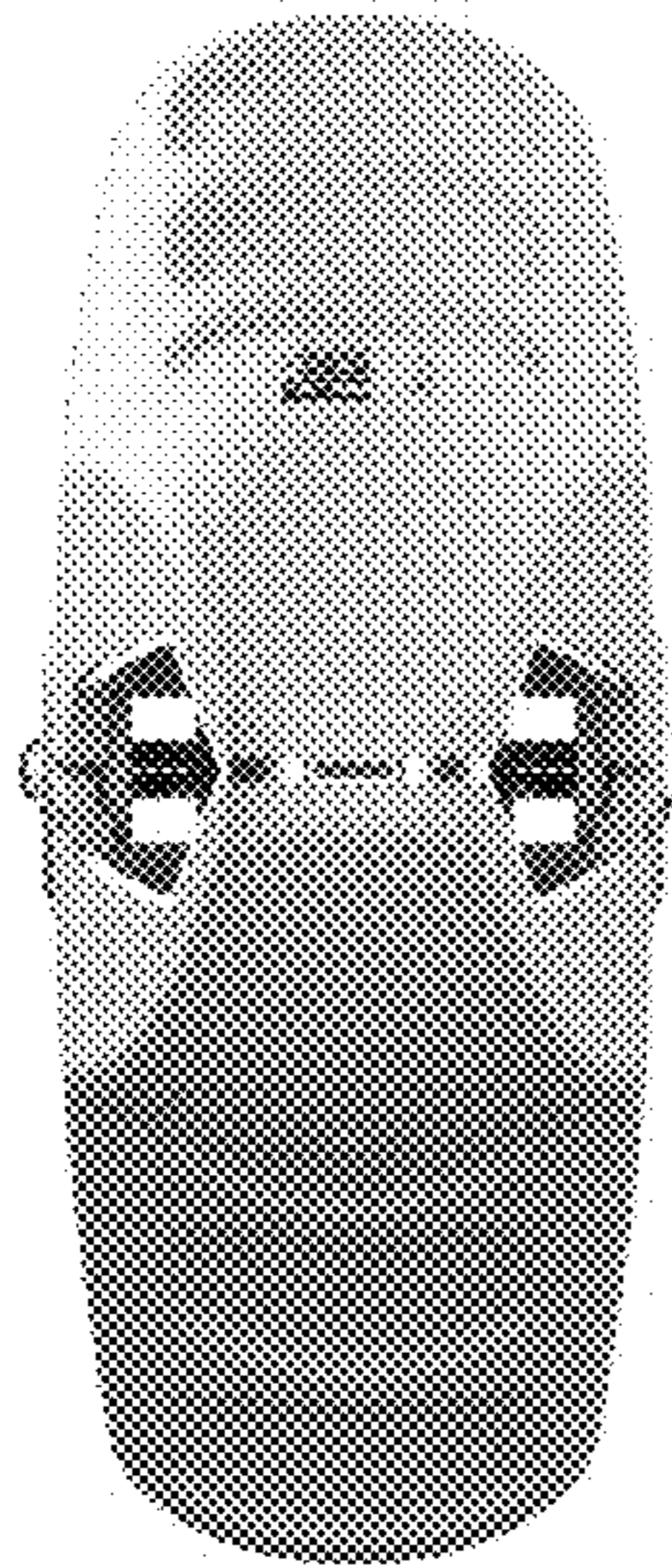


Fig. 6

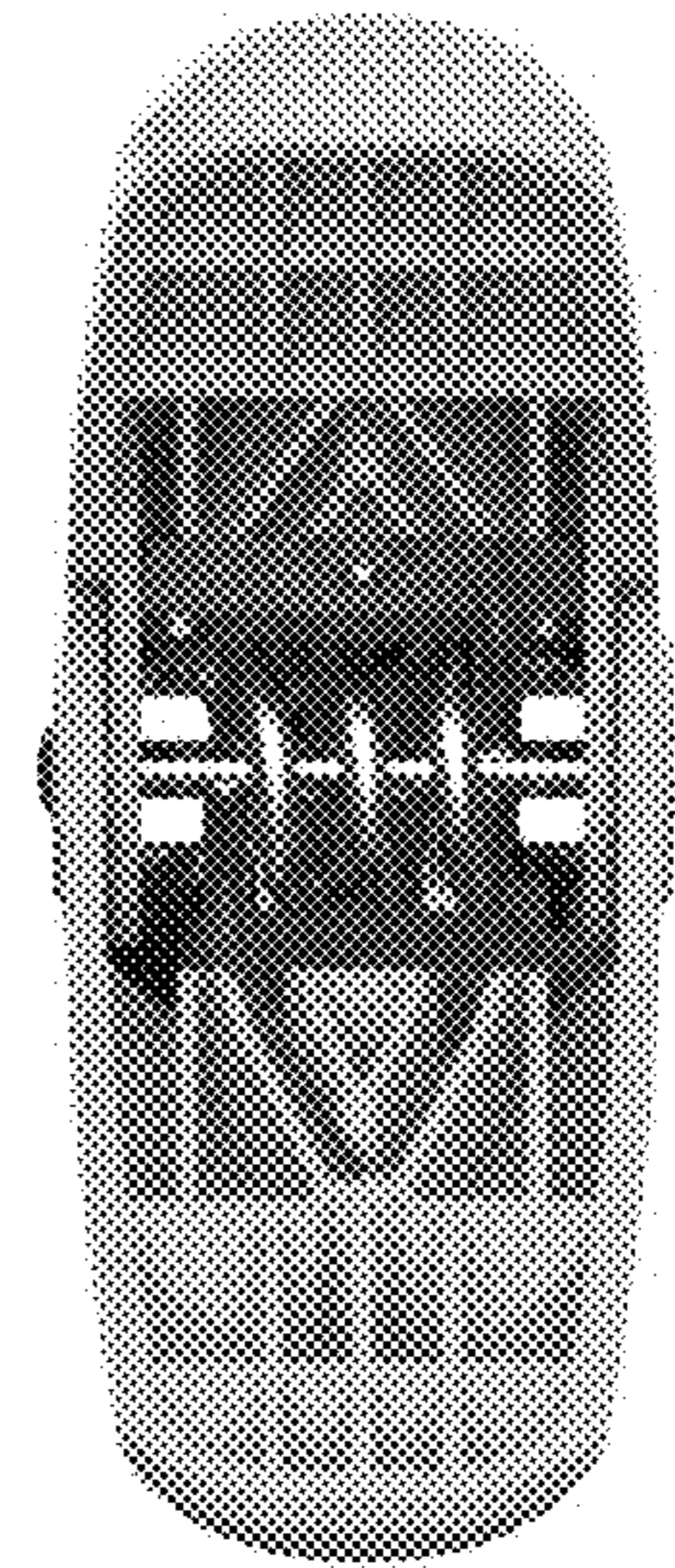


Fig. 7

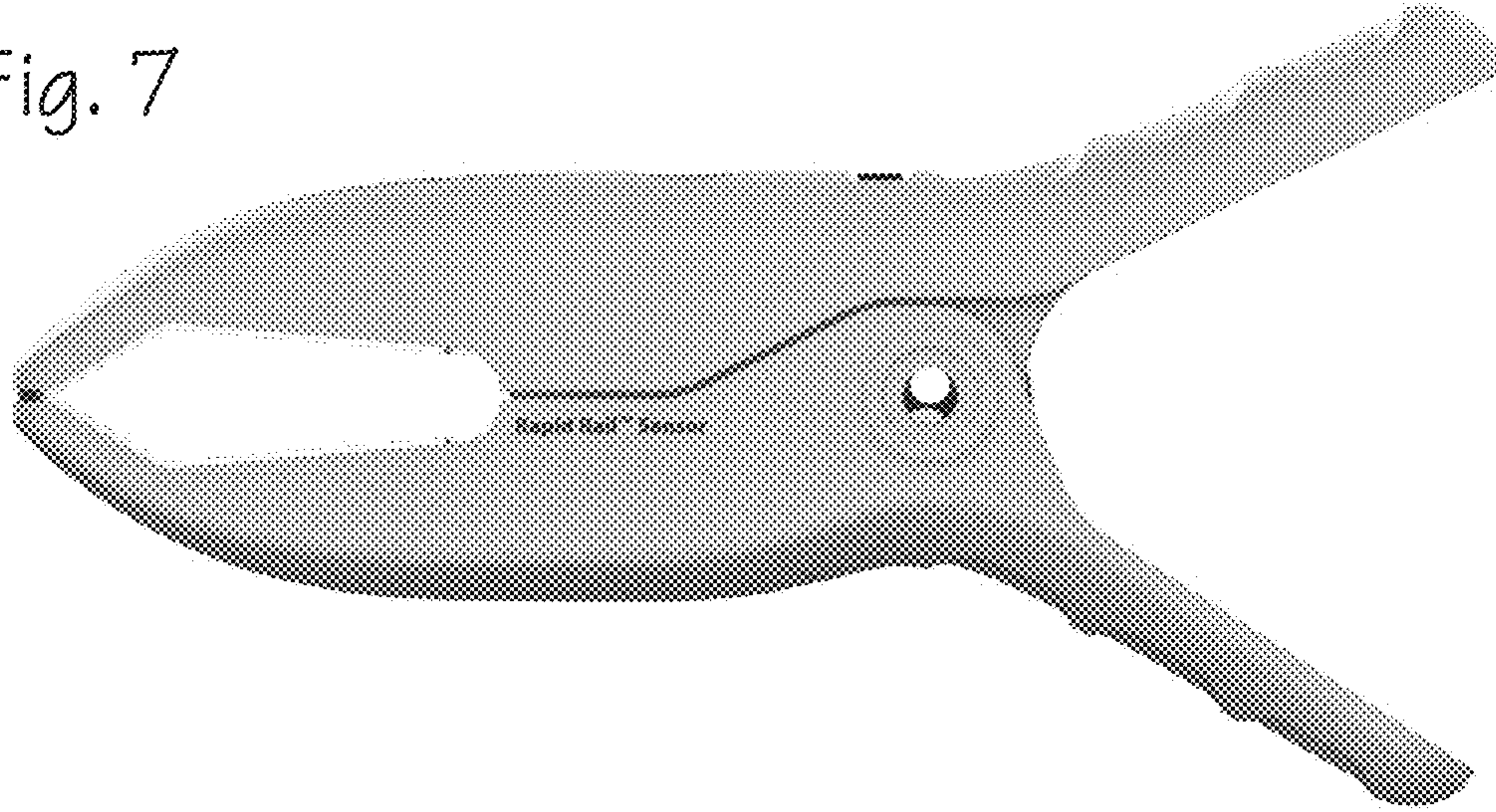


Fig. 8

