

US00D506980S

(12) **United States Design Patent** (10) **Patent No.:** **US D506,980 S**
Kumagai et al. (45) **Date of Patent:** **** Jul. 5, 2005**

(54) **CONNECTOR**

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Atsushi Yokoigawa, Kyoto (JP)

(73) Assignee: **Omron Corporation**, Kyoto (JP)

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

(21) Appl. No.: **29/174,815**

(22) Filed: **Jan. 27, 2003**

(30) **Foreign Application Priority Data**

Aug. 30, 2002 (JP) 2002-023450

(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/147**

(58) **Field of Search** D13/133, 146,
D13/147, 145-151; 139/155, 188, 326,
330, 331, 489, 630, 638

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D252,269 S * 7/1979 Jonsson D13/147
- D317,901 S * 7/1991 Makita et al. D13/147
- 5,346,412 A * 9/1994 Fedder et al. 439/681
- D434,379 S * 11/2000 Funatsu D13/147

* cited by examiner

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(57) **CLAIM**

The ornamental design for a connector, as shown and described.

DESCRIPTION

FIG. 1 is a photograph depicting a front view of our new design for a connector;

FIG. 2 is a photograph depicting a rear view of the connector of FIG. 1;

FIG. 3 is a photograph depicting a plan view of the connector of FIG. 1;

FIG. 4 is a photograph depicting a bottom view of the connector of FIG. 1;

FIG. 5 is a photograph depicting a right side view of the connector of FIG. 1;

FIG. 6 is a photograph depicting a left side view of the connector of FIG. 1;

FIG. 7 is a photograph depicting a first perspective view showing the front, plan and left-side of the connector of FIG. 1;

FIG. 8 is a photograph depicting a second perspective view showing the rear, bottom and right-side of the connector of FIG. 1;

FIG. 9 is a photograph depicting a third perspective view showing the front, plan and right-side of the connector of FIG. 1 and showing a button pushed;

FIG. 10 is a photograph depicting a partially enlarged rear view of the connector of FIG. 1 showing a button pushed; and,

FIG. 11 is a photograph depicting a front view of the connector of FIG. 1 in the state in which an electric wire is connected.

The broken line showing of the electric wire in FIG. 11 is for illustrative purpose only and forms no part of the claimed design.

1 Claim, 10 Drawing Sheets

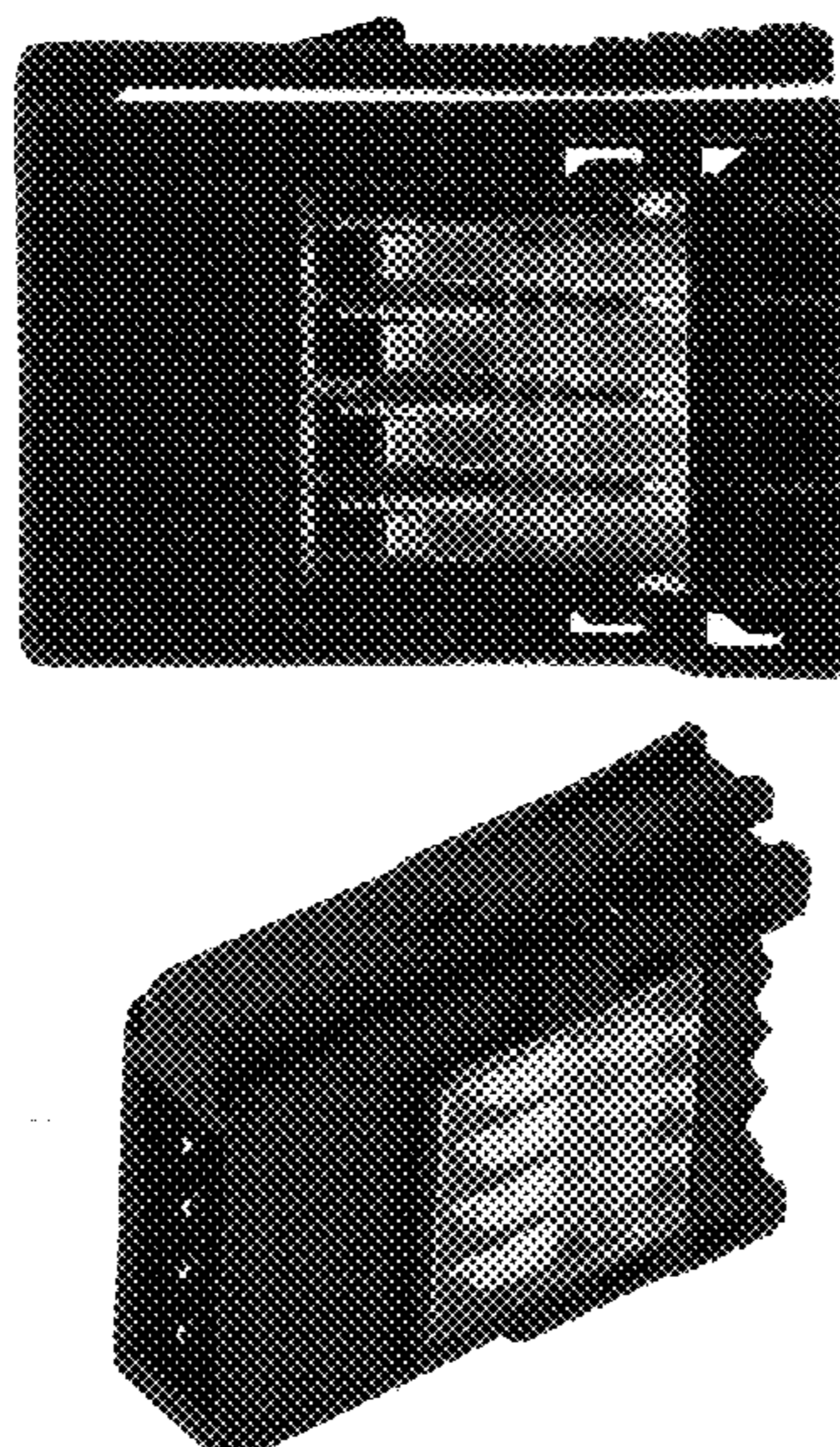


Fig.1

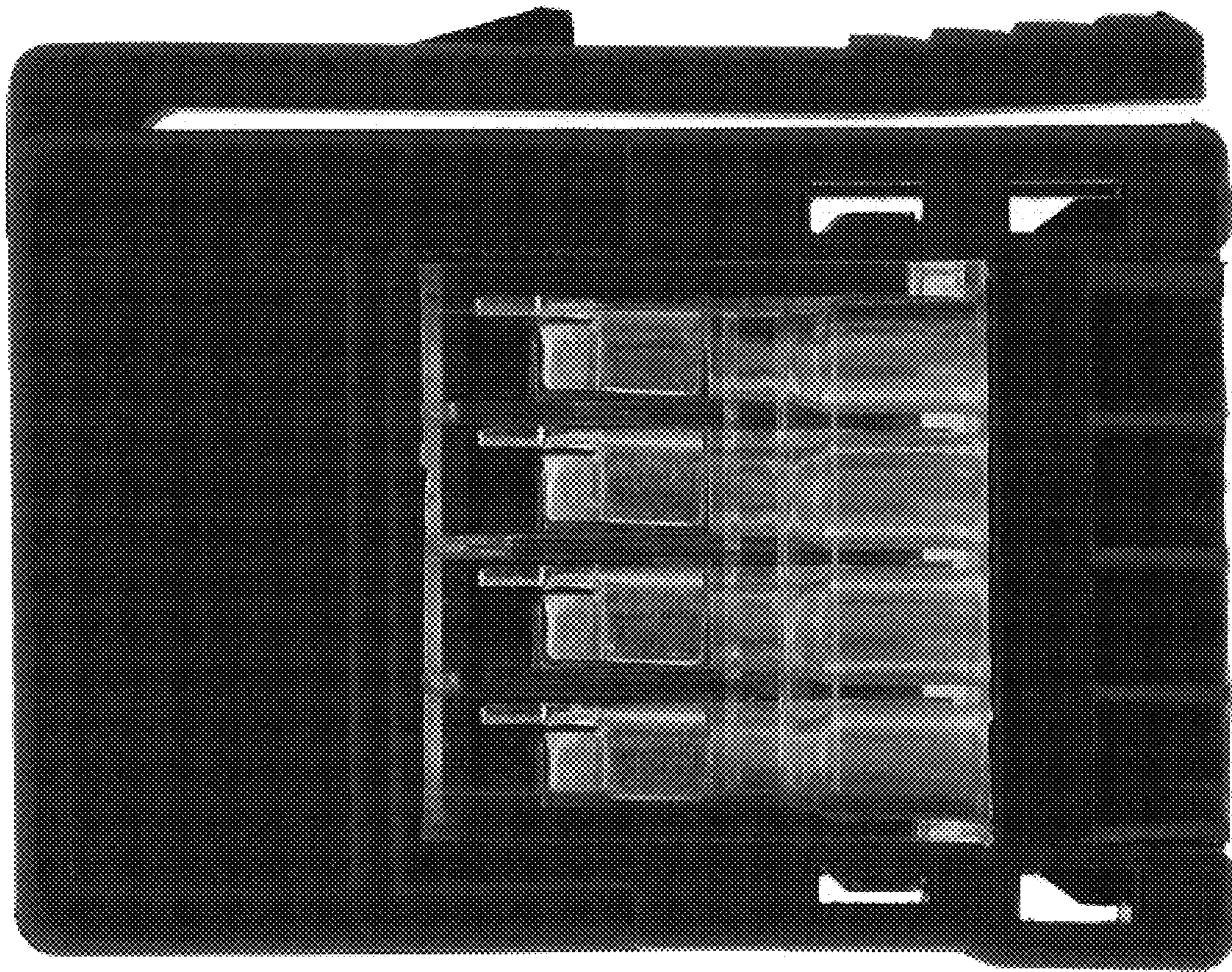


Fig.2

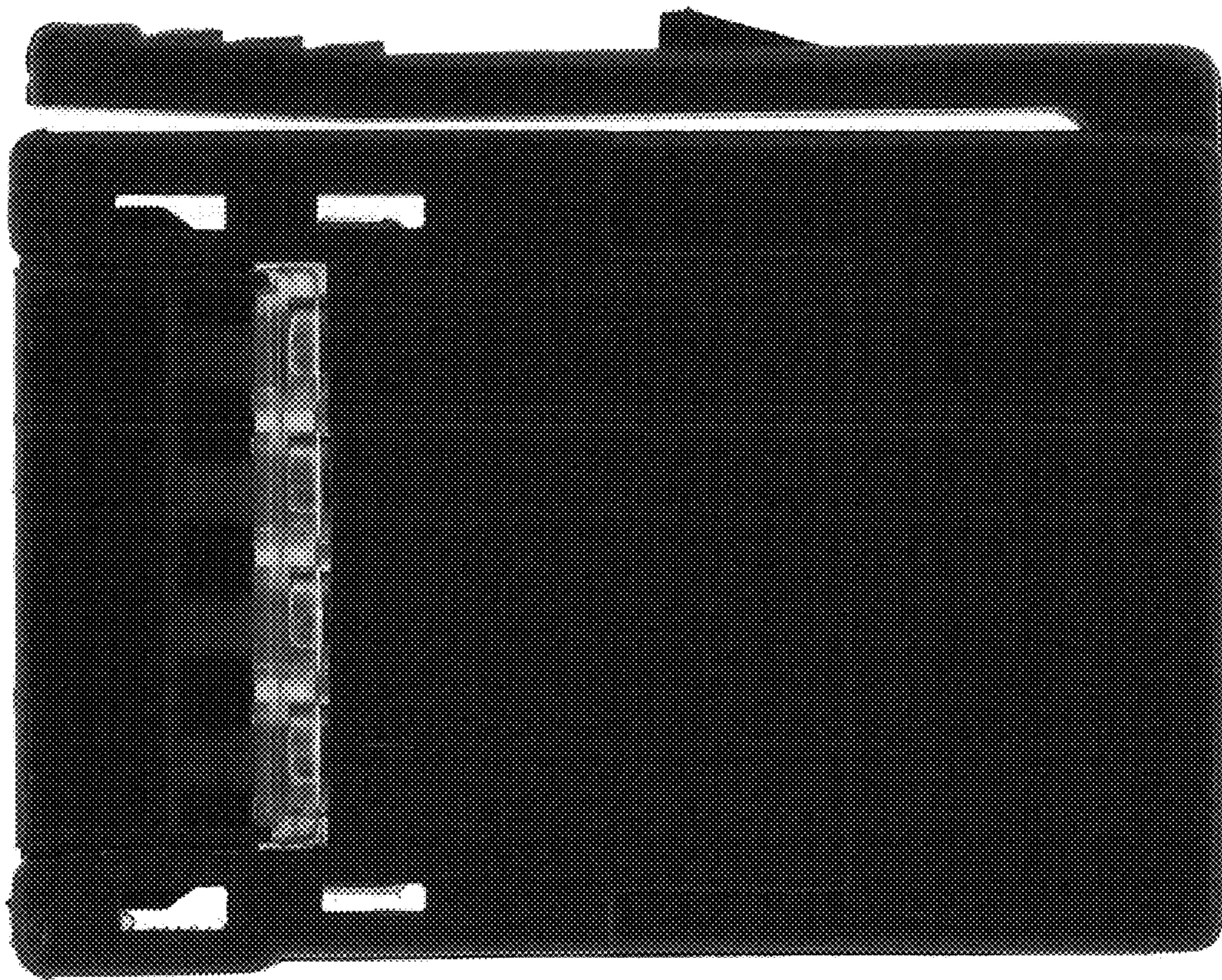


Fig.3

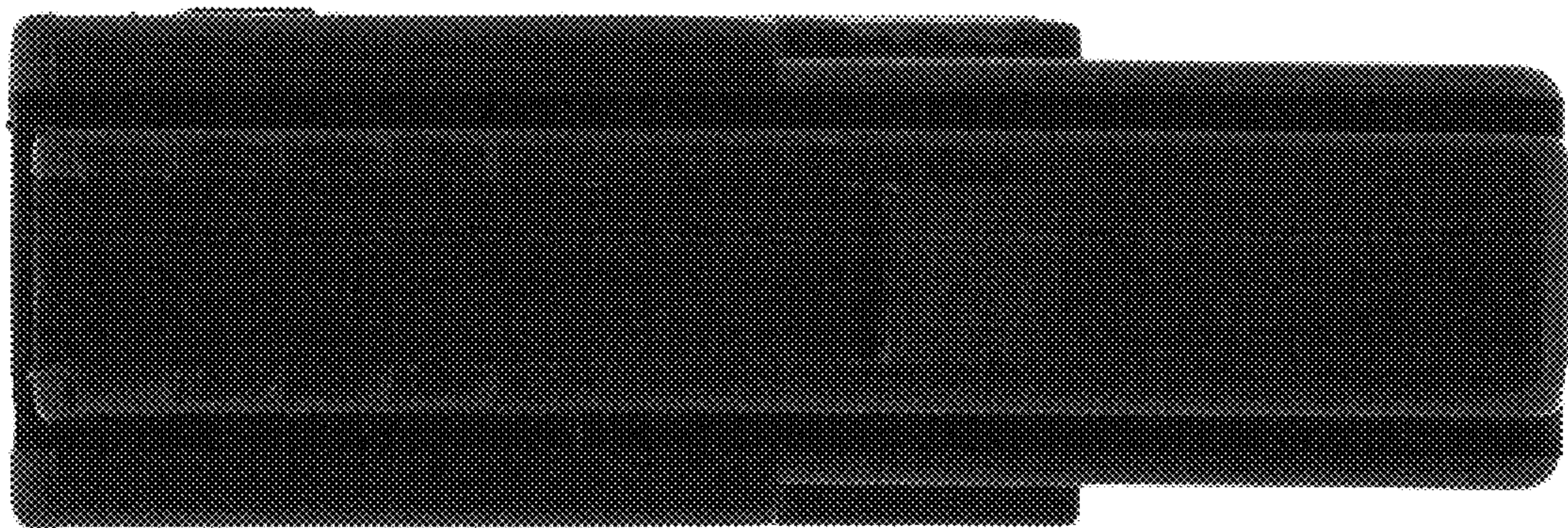


Fig.4

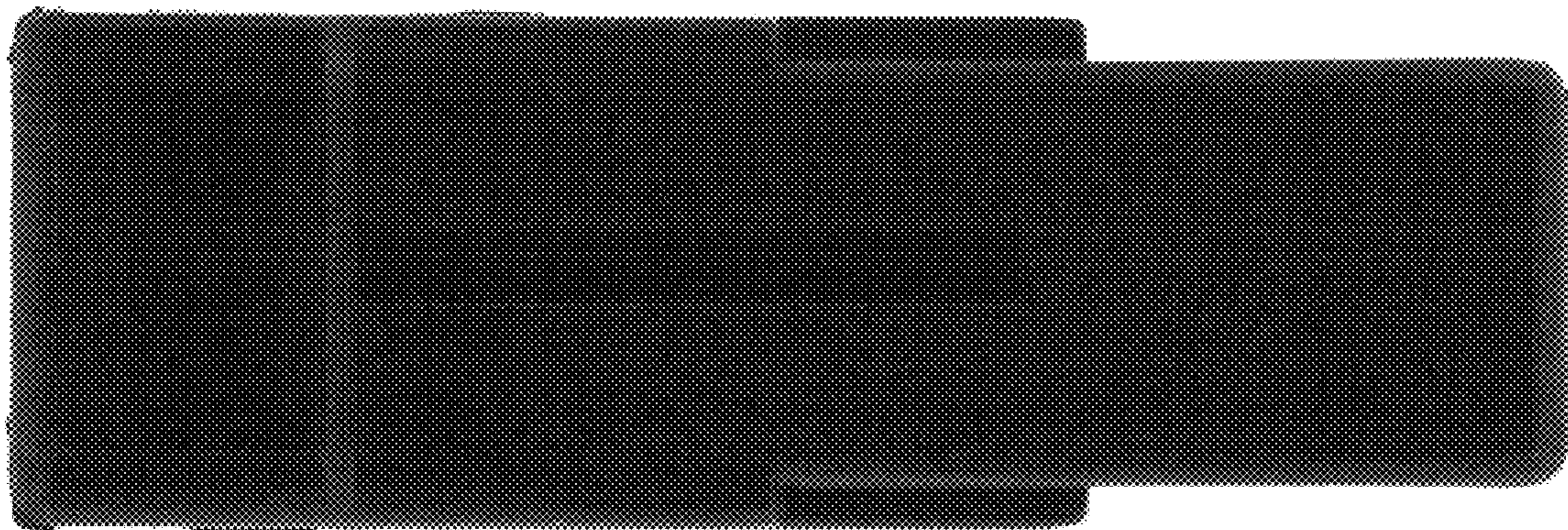


Fig.6

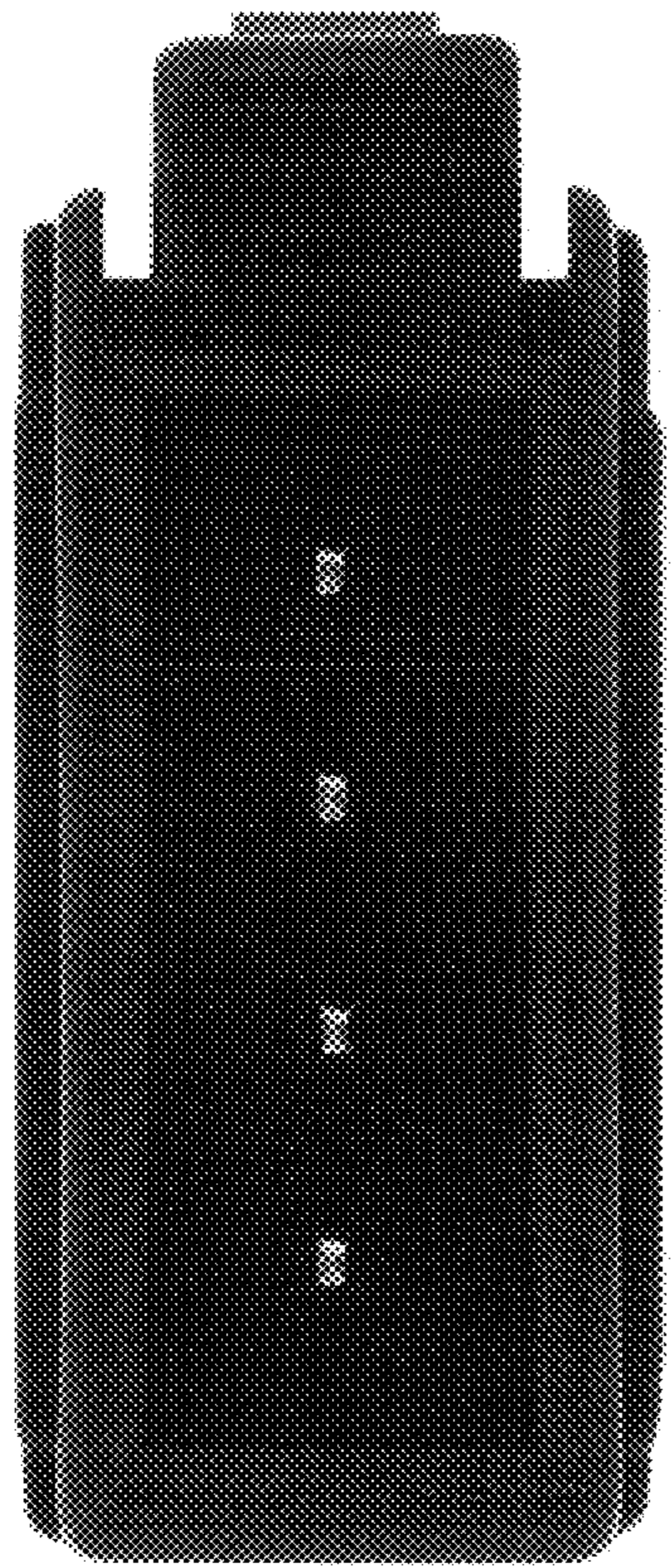


Fig.5

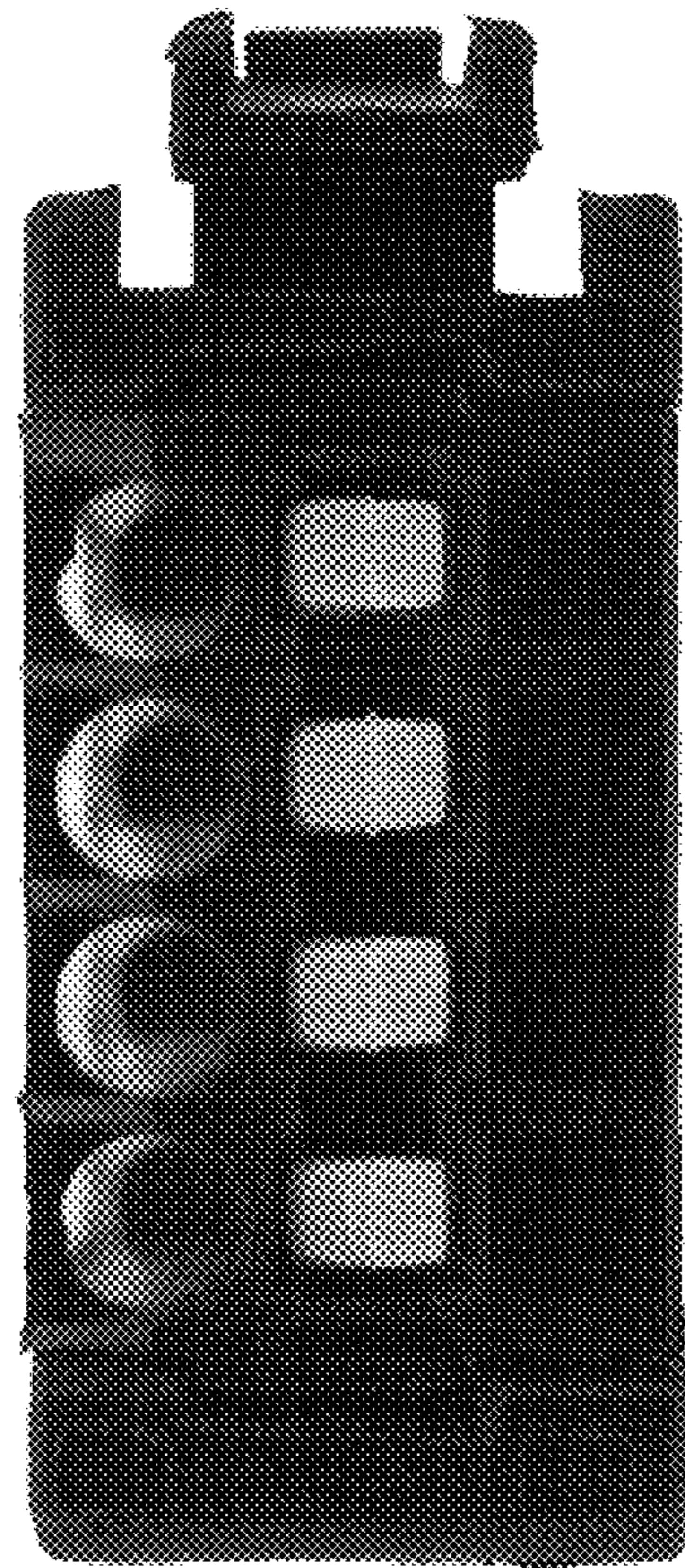


Fig. 7



Fig.8



Fig.9



Fig.10

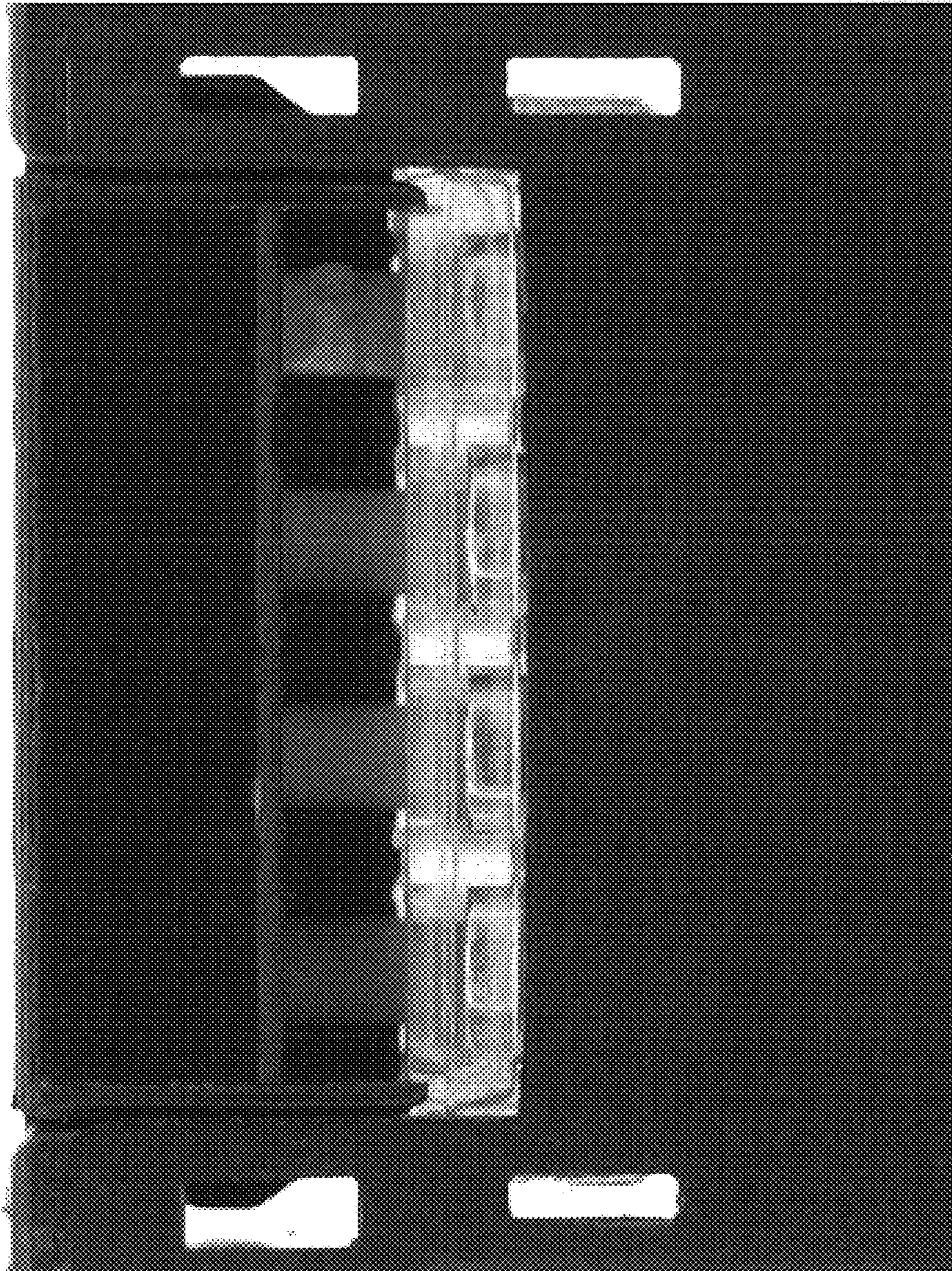
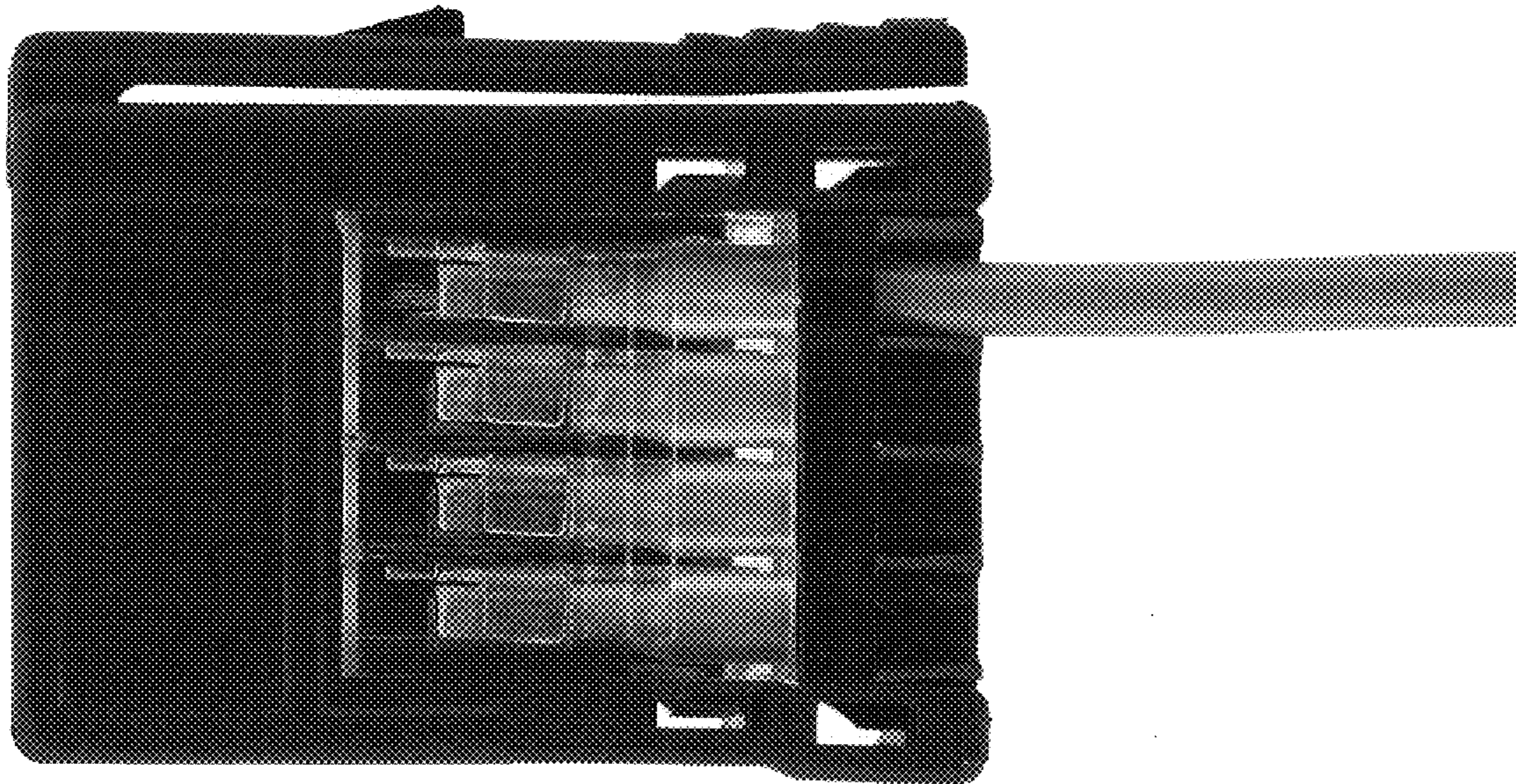


Fig.11



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 506,980 S
APPLICATION NO. : 29/174815
DATED : July 5, 2005
INVENTOR(S) : Junichiro Kumagai et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings:

Delete Fig. 11 and substitute therefor Fig. 11 as shown on the attached page.

Signed and Sealed this

Fifteenth Day of April, 2008

A handwritten signature in black ink that reads "Jon W. Dudas". The signature is written in a cursive style with a large, looped initial "J".

JON W. DUDAS

Director of the United States Patent and Trademark Office

U.S. Patent

Jul. 5, 2005

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