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(12) **United States Design Patent**
Lie

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(54) **BATTERY CHARGER**

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(73) Assignee: **Kolvin Industries Limited**, Kowloon (HK)

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

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl. 13-02**

(52) **U.S. Cl. D13/107**

(58) **Field of Classification Search** D13/107-110, D13/118-119, 184; D14/251, 253; 320/107-115
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D331,220 S * 11/1992 Tsuchiya D13/107
- D339,563 S * 9/1993 Usami D13/107
- D411,823 S * 7/1999 Jacobs et al. D13/107
- D421,443 S * 3/2000 Nagele et al. D14/253

- D428,862 S * 8/2000 Queffelec et al. D13/184
- D456,004 S * 4/2002 Lie D13/107
- 6,384,575 B1 * 5/2002 Chen et al. 320/110
- D462,318 S * 9/2002 Mujica D13/107
- D463,360 S * 9/2002 Lie D13/107
- D465,452 S * 11/2002 Lie D13/107
- D466,075 S * 11/2002 Lie D13/107
- 6,876,172 B1 * 4/2005 Lam et al. 320/110
- 2002/0063550 A1 * 5/2002 Chen et al. 320/110

* cited by examiner

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(57) **CLAIM**

The ornamental design for battery charger, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a battery charger in accordance with my invention thereof;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top elevational view thereof;
FIG. 6 is a bottom elevational view thereof; and,
FIG. 7 is a perspective view of a battery charger.

1 Claim, 7 Drawing Sheets

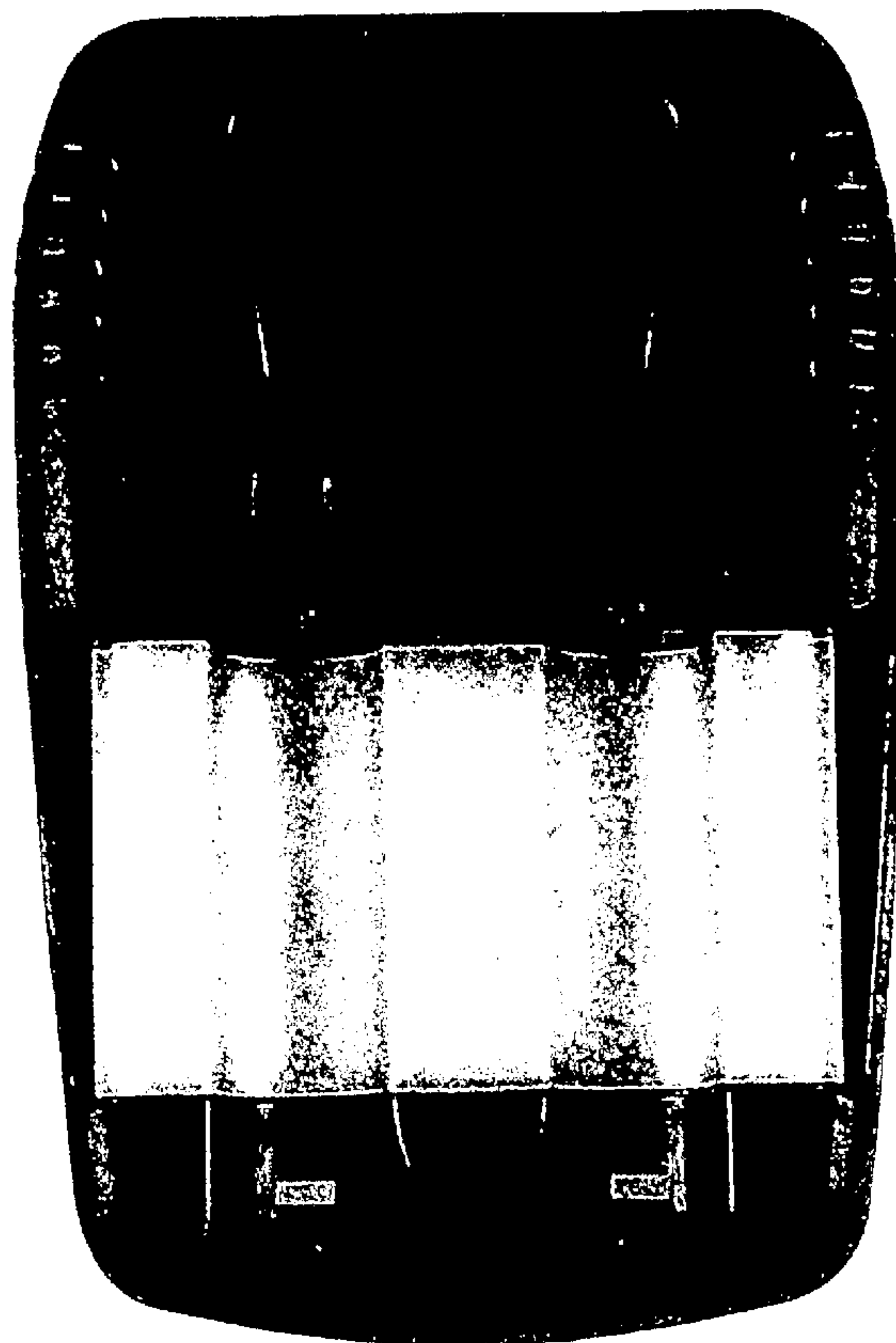


FIG. 1

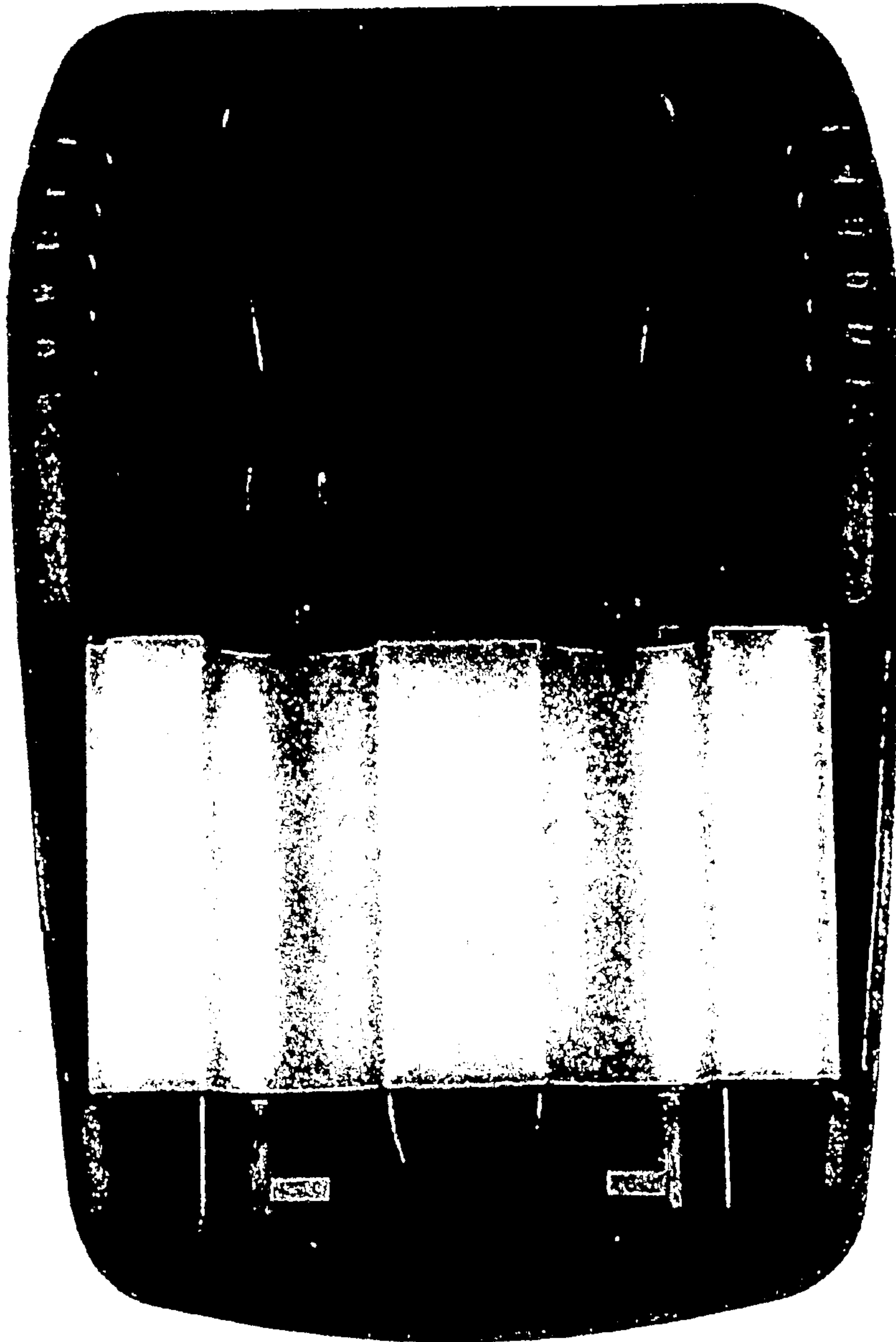


FIG. 2

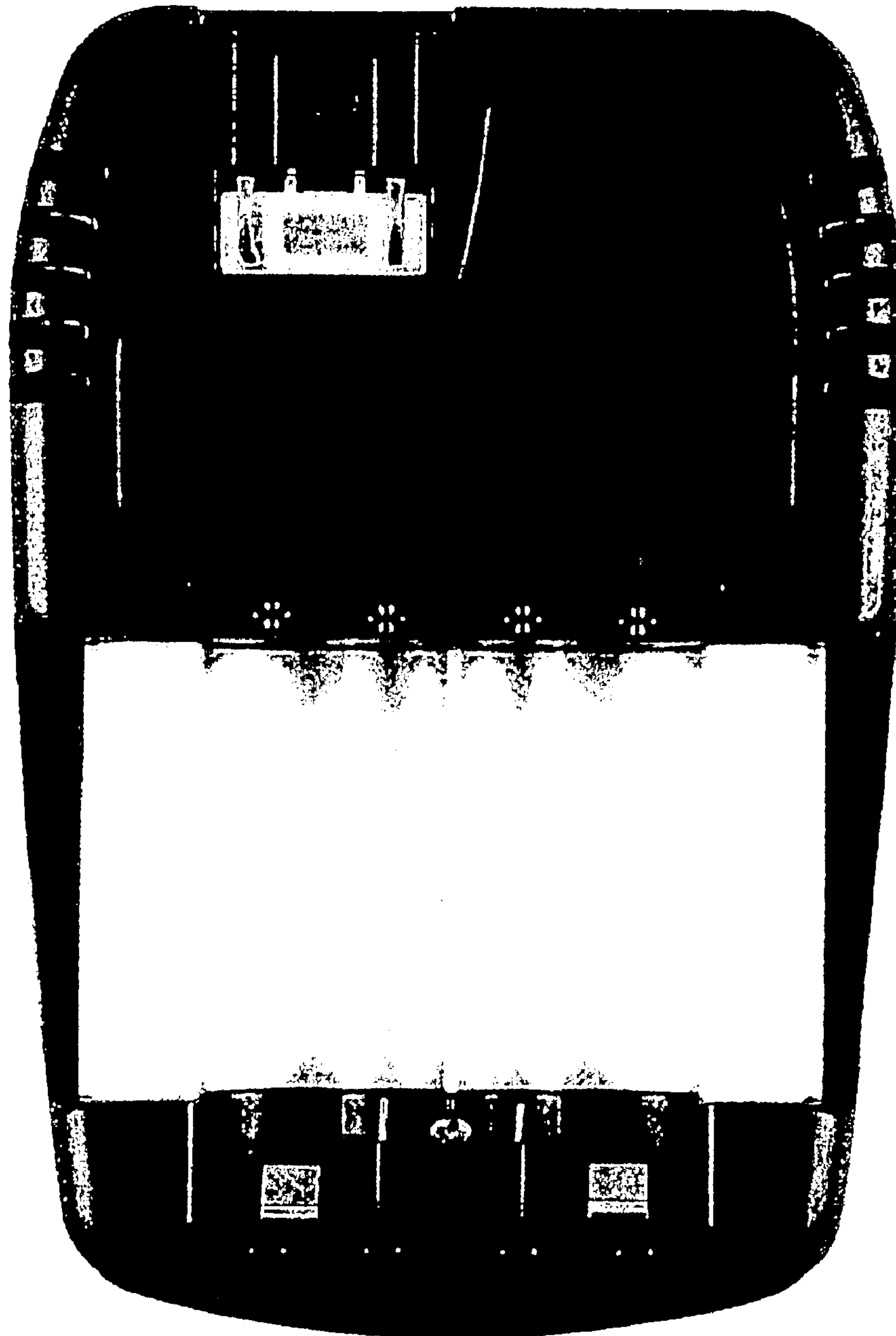


FIG. 3

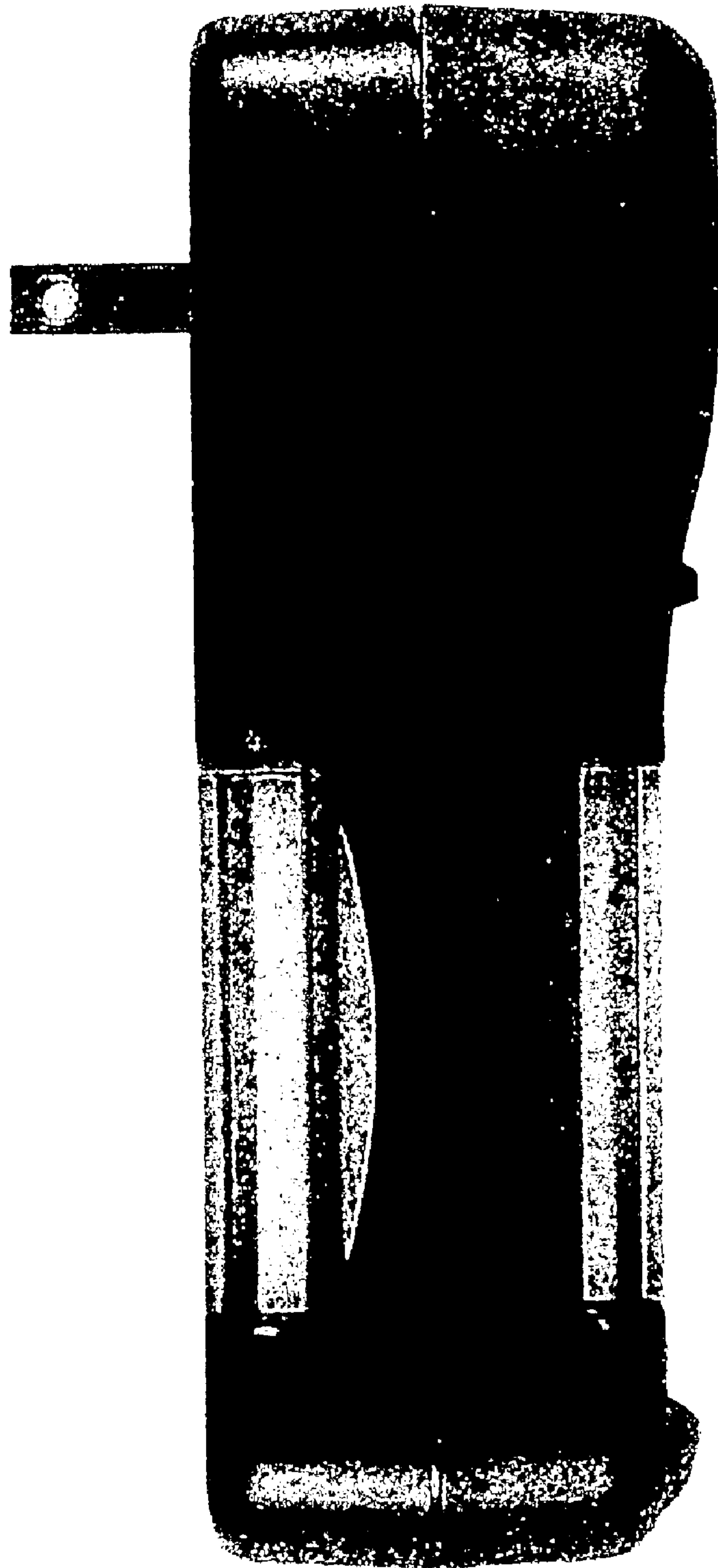


FIG. 4



FIG. 5

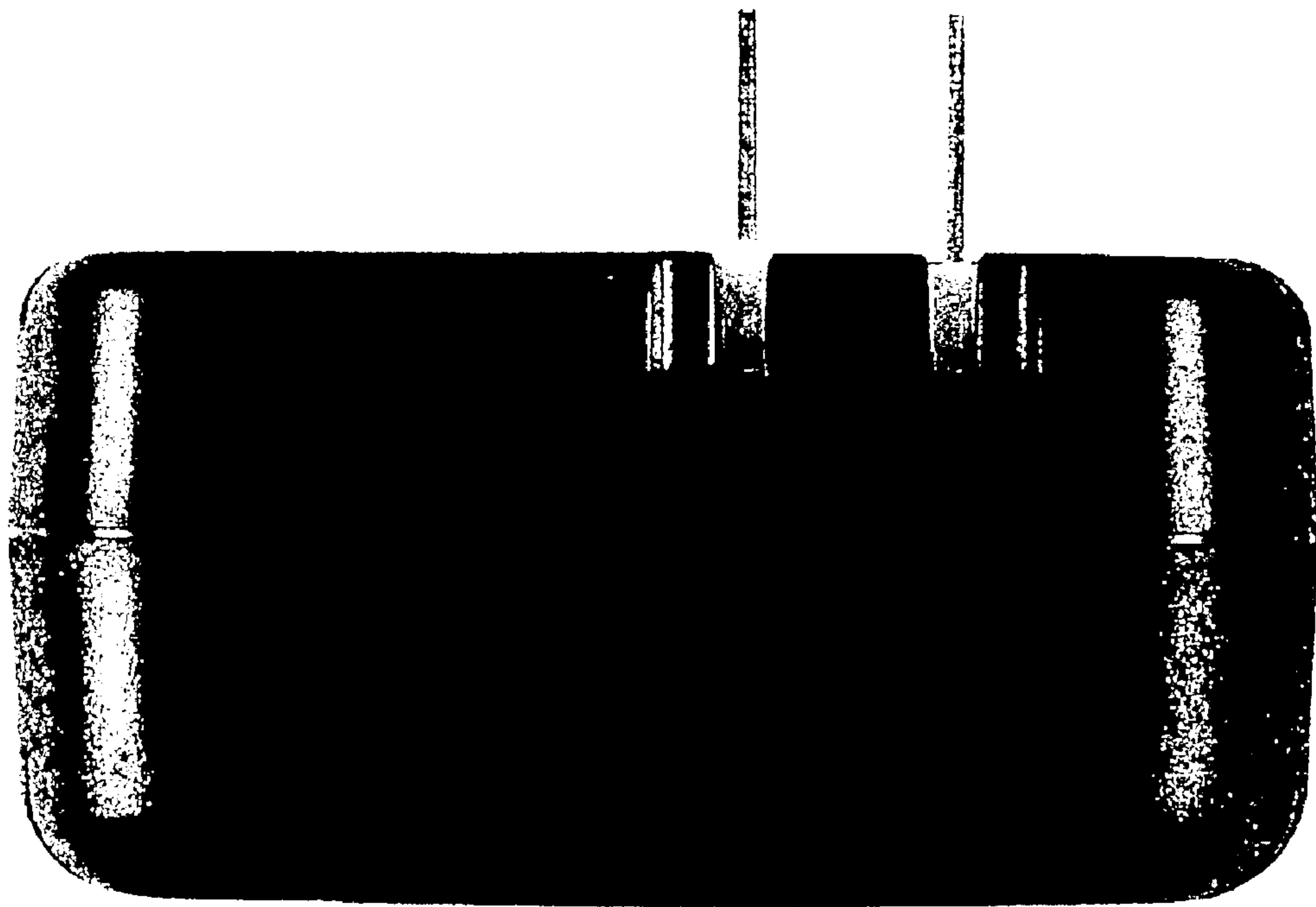


FIG. 6

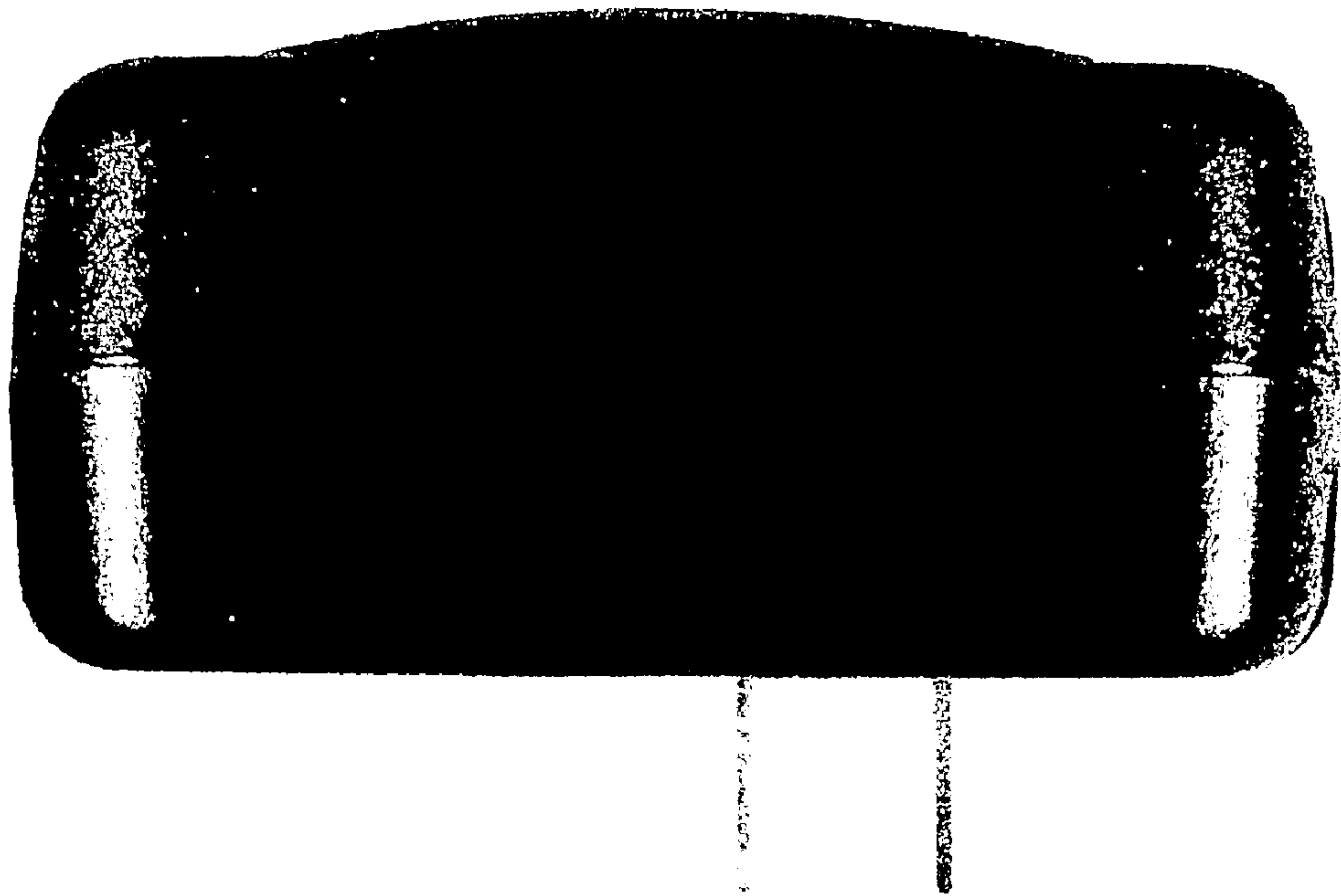


FIG. 7

