



US00D540745S

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

(10) **Patent No.:** **US D540,745 S**

(45) **Date of Patent:** **\*\* Apr. 17, 2007**

(54) **JOINT CONNECTOR**

(75) Inventors: **Hitoshi Oba**, Kyoto (JP); **Masahiro Kawachi**, Kyoto (JP); **Hiroyuki Inoue**, Kyoto (JP)

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

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

(21) Appl. No.: **29/211,625**

(22) Filed: **Aug. 19, 2004**

(30) **Foreign Application Priority Data**

Feb. 20, 2004 (JP) ..... D2004-004820

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

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

(58) **Field of Classification Search** ..... D13/133,  
D13/146-147, 154, 162, 164, 184, 199; 356/614-615,  
356/620, 623-624; 702/127, 150  
See application file for complete search history.

(56) **References Cited**

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6,979,206 B2 \* 12/2005 Bu et al. .... 439/79

\* cited by examiner

*Primary Examiner*—Daniel Bui

(74) *Attorney, Agent, or Firm*—Dickstein Shapiro LLP

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front elevational view illustrating our new design for a joint connector;

FIG. 2 is a rear elevational view of the joint connector of FIG. 1;

FIG. 3 is a top plan view of the joint connector of FIG. 1;

FIG. 4 is a bottom plan view of the joint connector of FIG. 1;

FIG. 5 is a right side elevational view of the joint connector of FIG. 1;

FIG. 6 is a left side elevational view of the joint connector of FIG. 1; and,

FIG. 7 is a perspective view of the joint connector of FIG. 1.

**1 Claim, 6 Drawing Sheets**



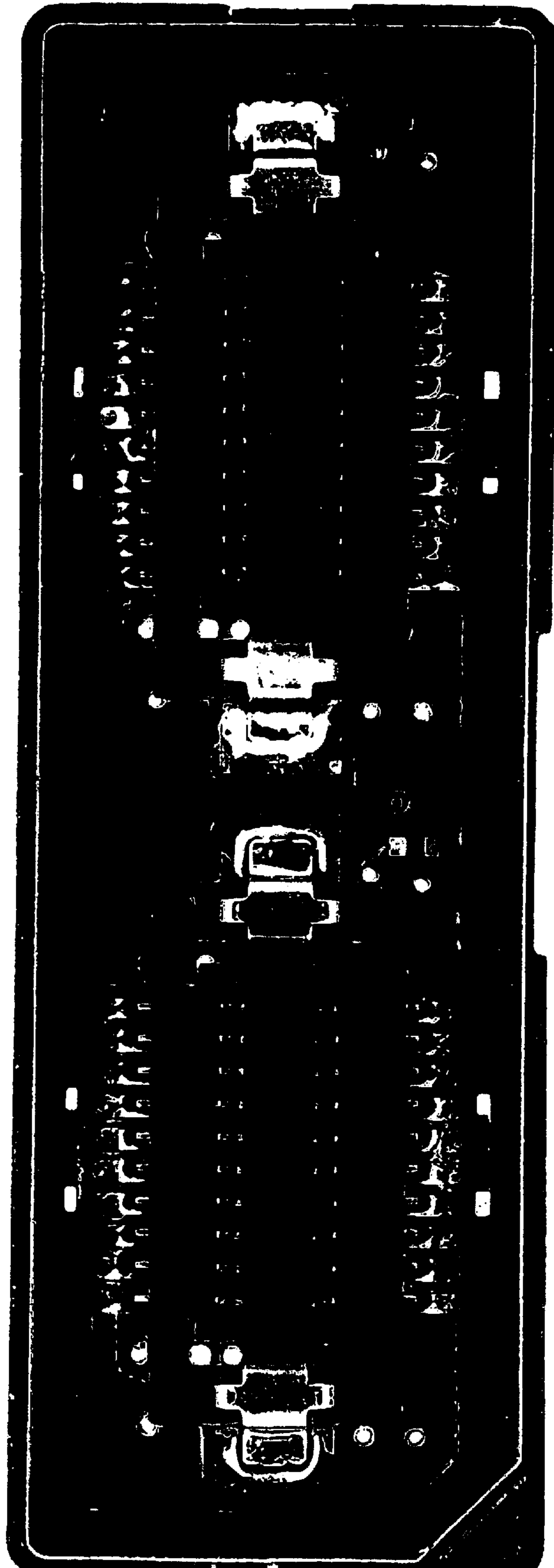


Fig.1

Fig.2

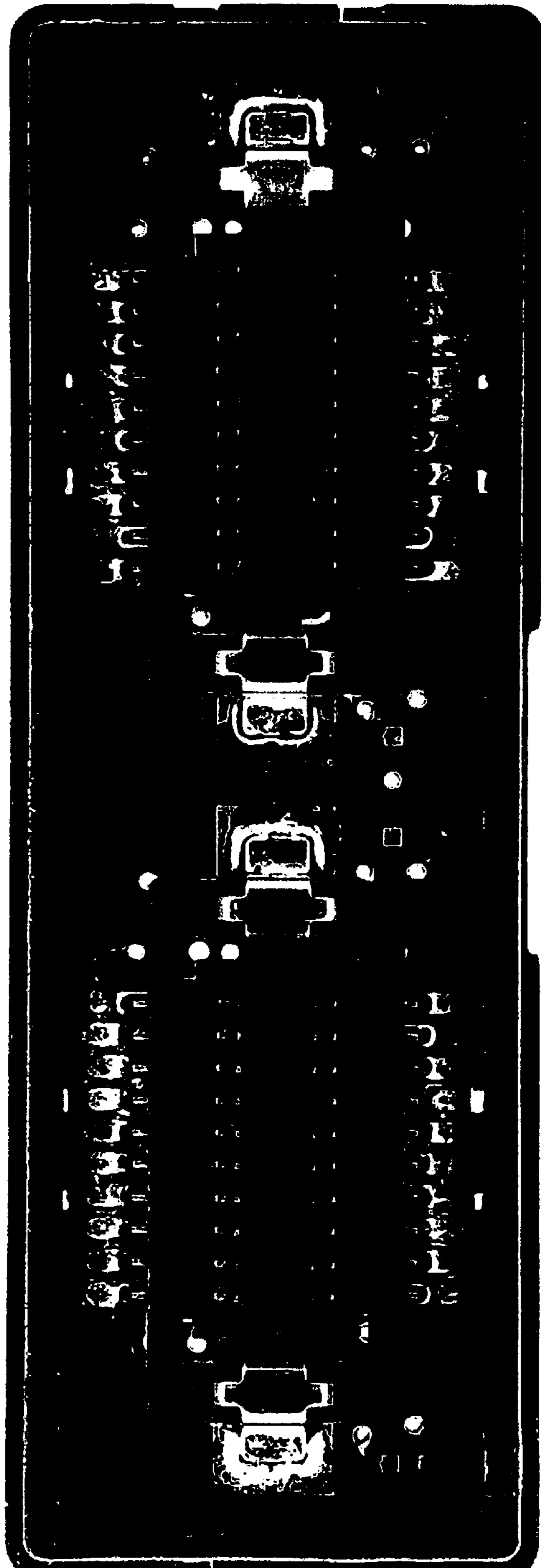


Fig.3

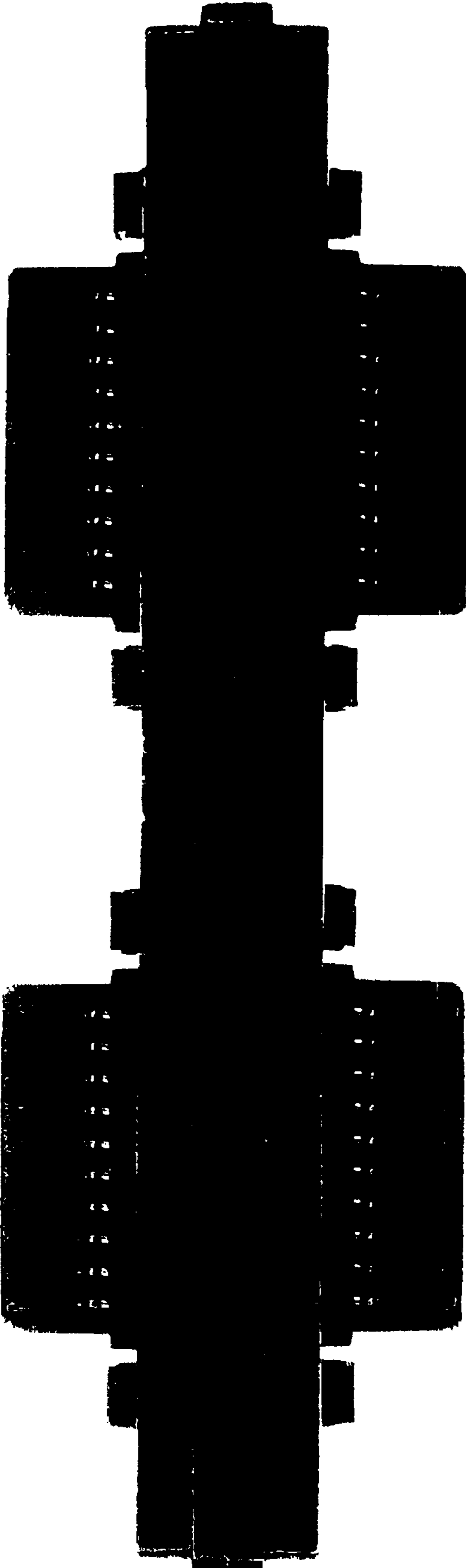


Fig.4



Fig.6

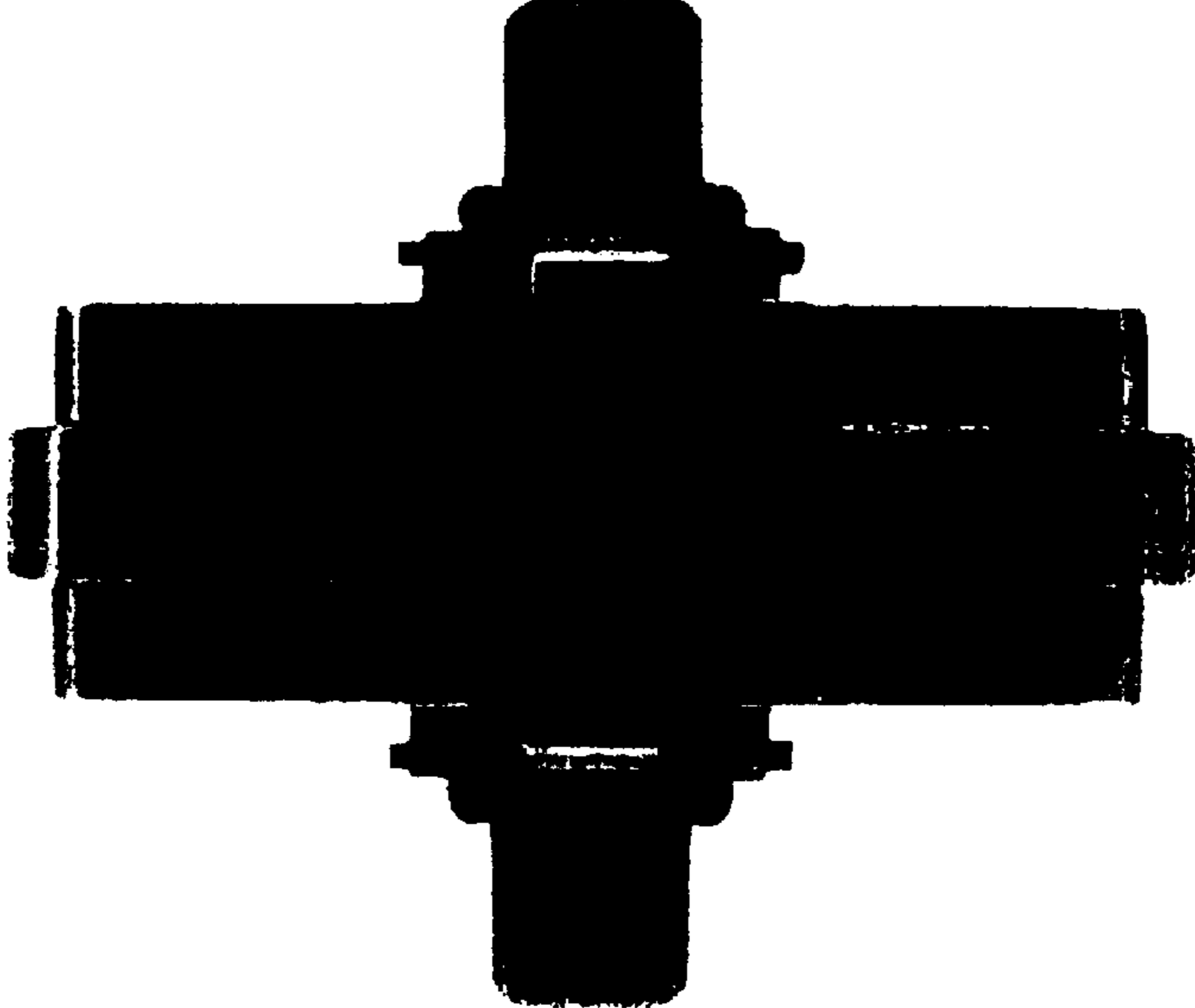


Fig.5

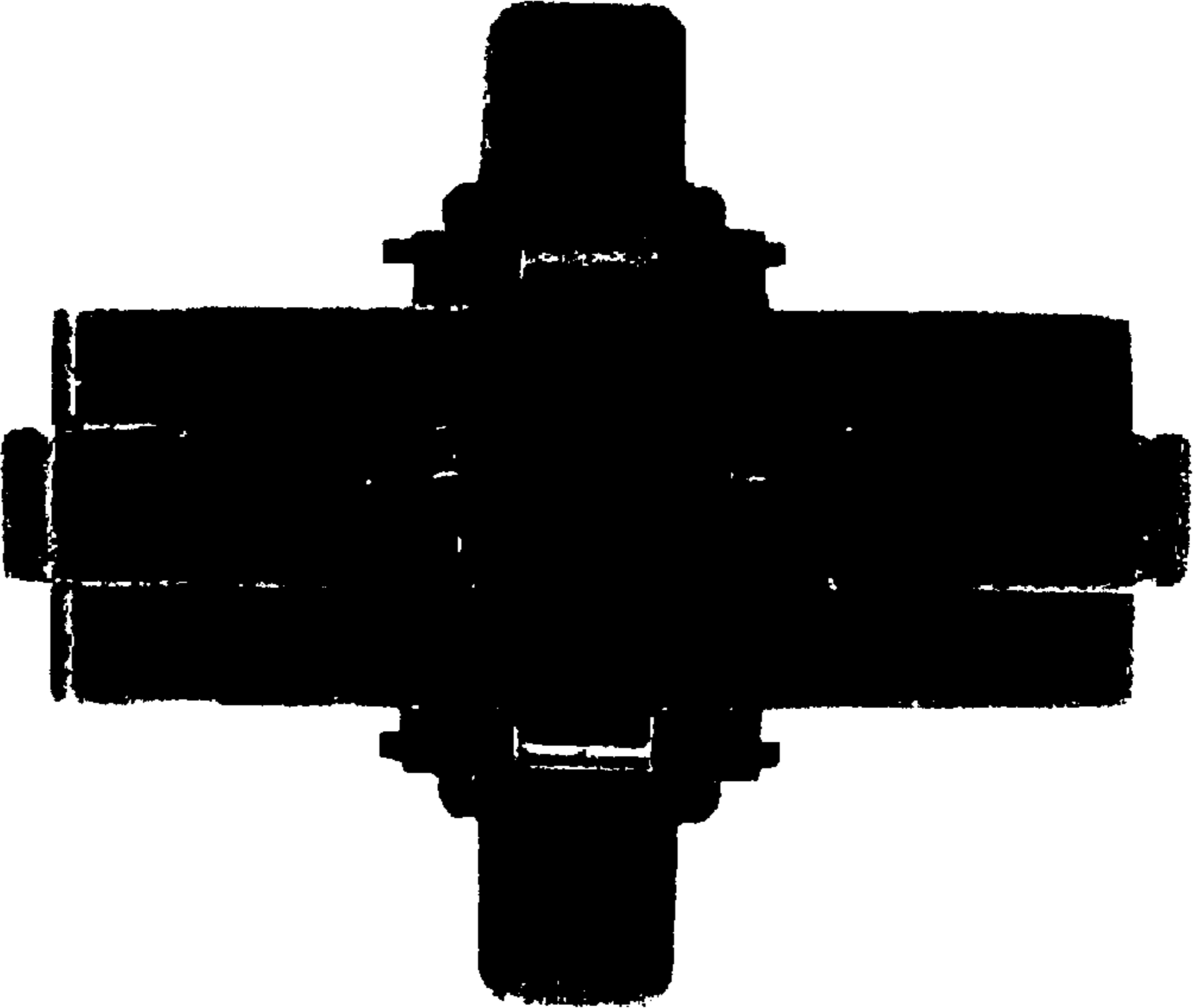
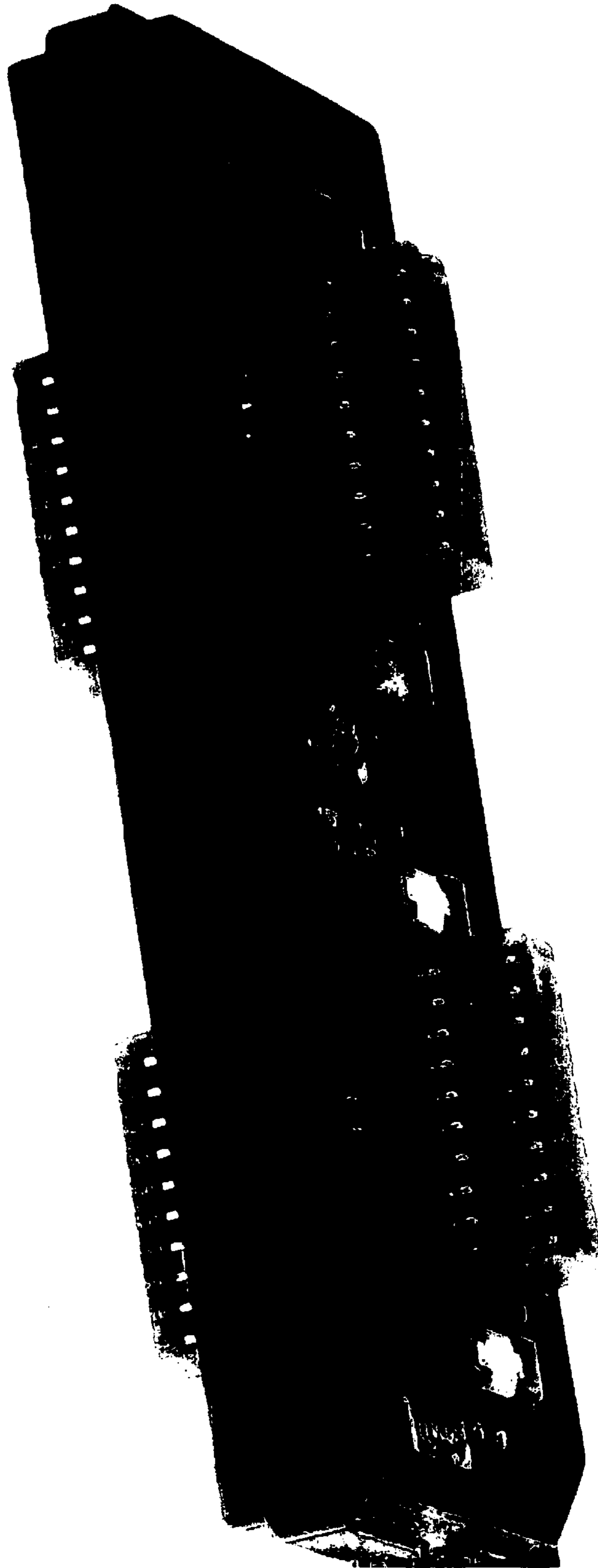


Fig. 7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des. 540,745 S  
APPLICATION NO. : 29/211625  
DATED : April 17, 2007  
INVENTOR(S) : Oba et al.

Page 1 of 9

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

Delete Title page illustrating a figure(s), and substitute therefor, new Title page illustrating a figure(s). (attached)

Delete drawing sheets 1-6, and substitute therefor drawing sheets 1-7. (attached)

Signed and Sealed this

Thirteenth Day of November, 2007

A handwritten signature in black ink on a light gray dotted background. The signature reads "Jon W. Dudas" in a cursive style.

JON W. DUDAS

*Director of the United States Patent and Trademark Office*



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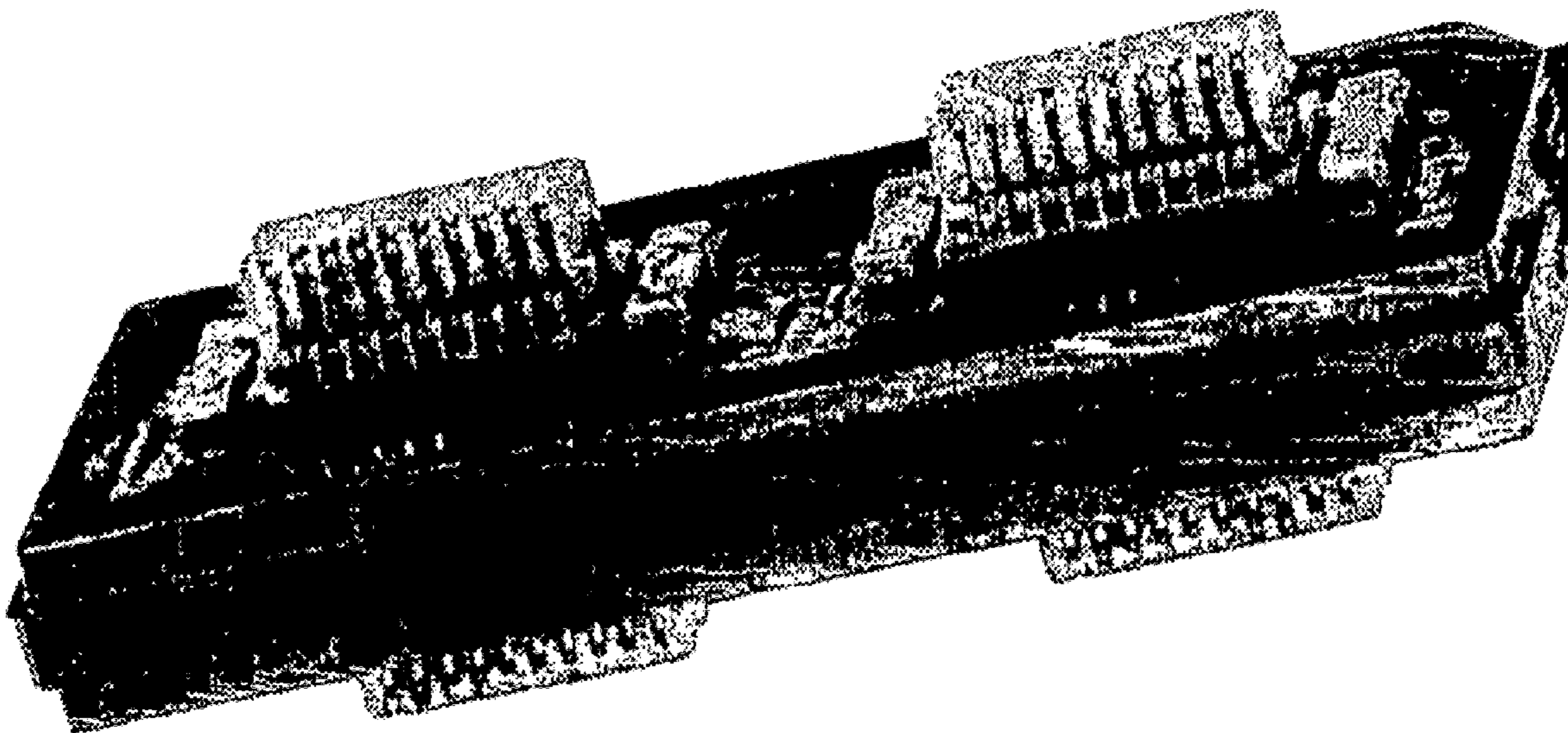
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**1 Claim, 6 Drawing Sheets**



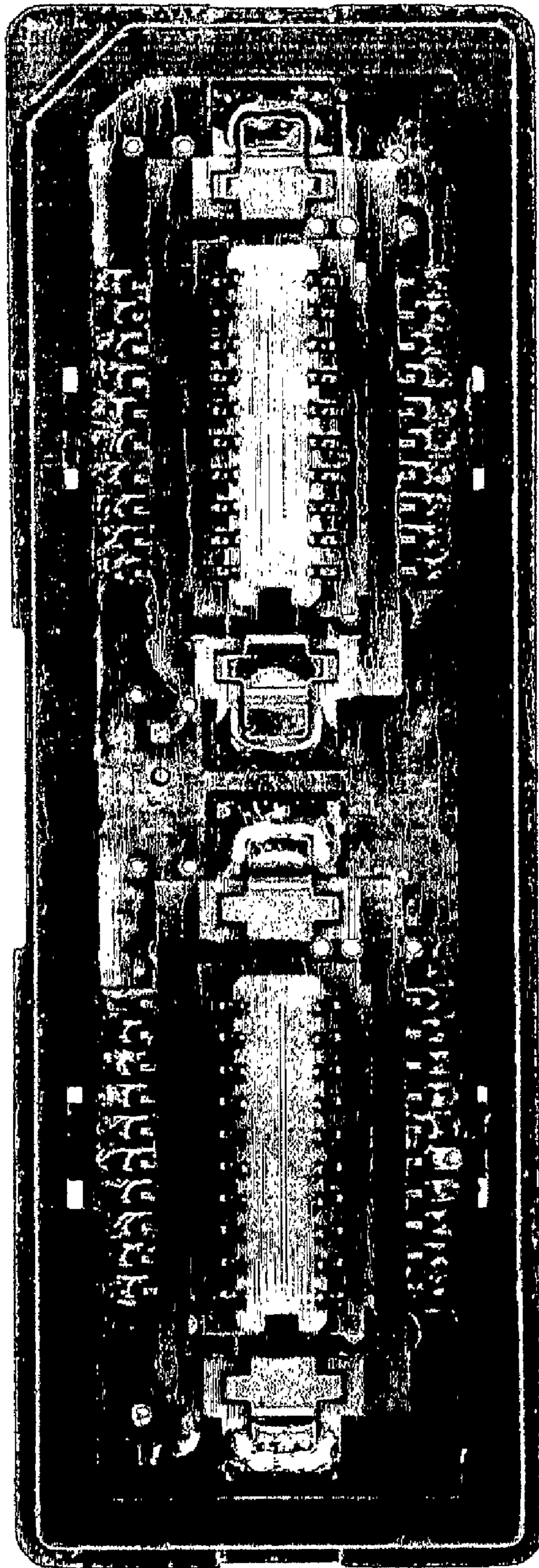


Fig. 1

Fig.1

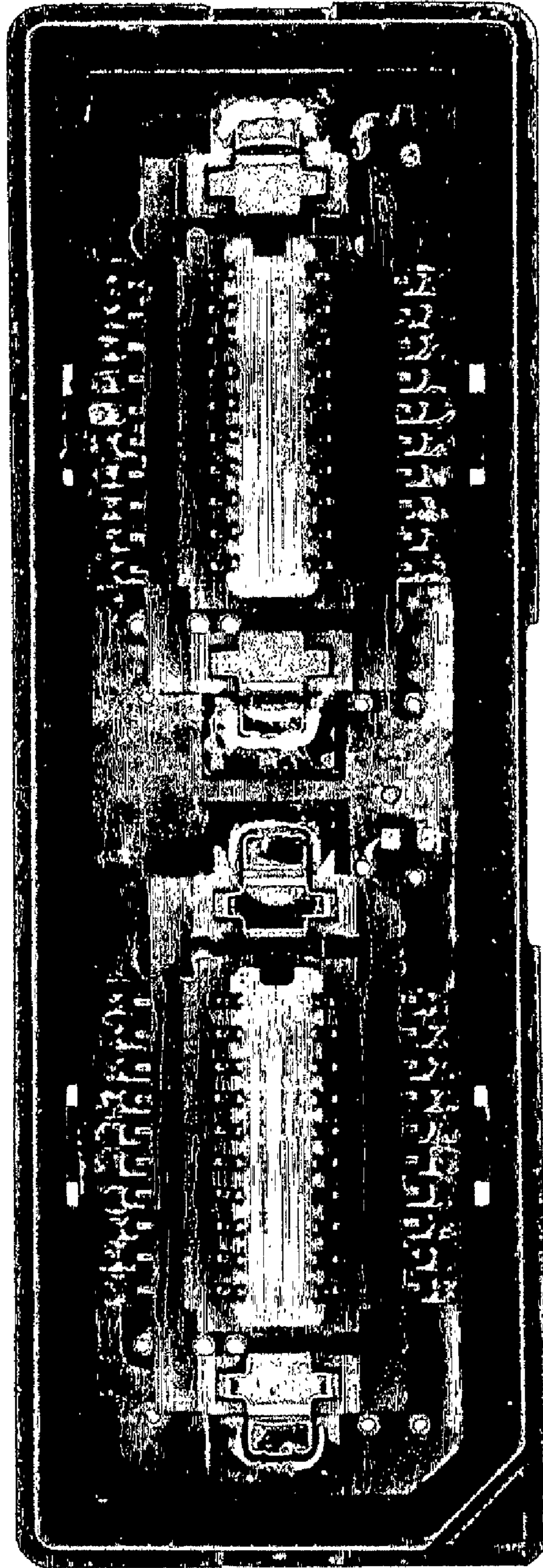


Fig. 2

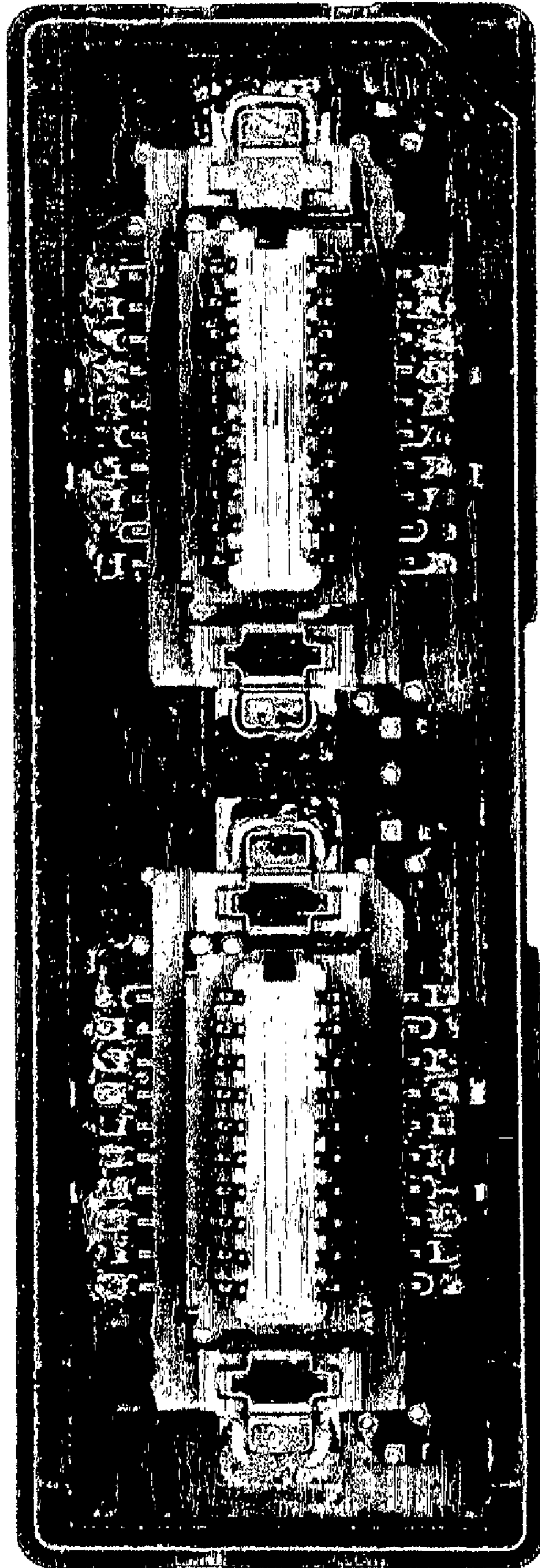


Fig. 3

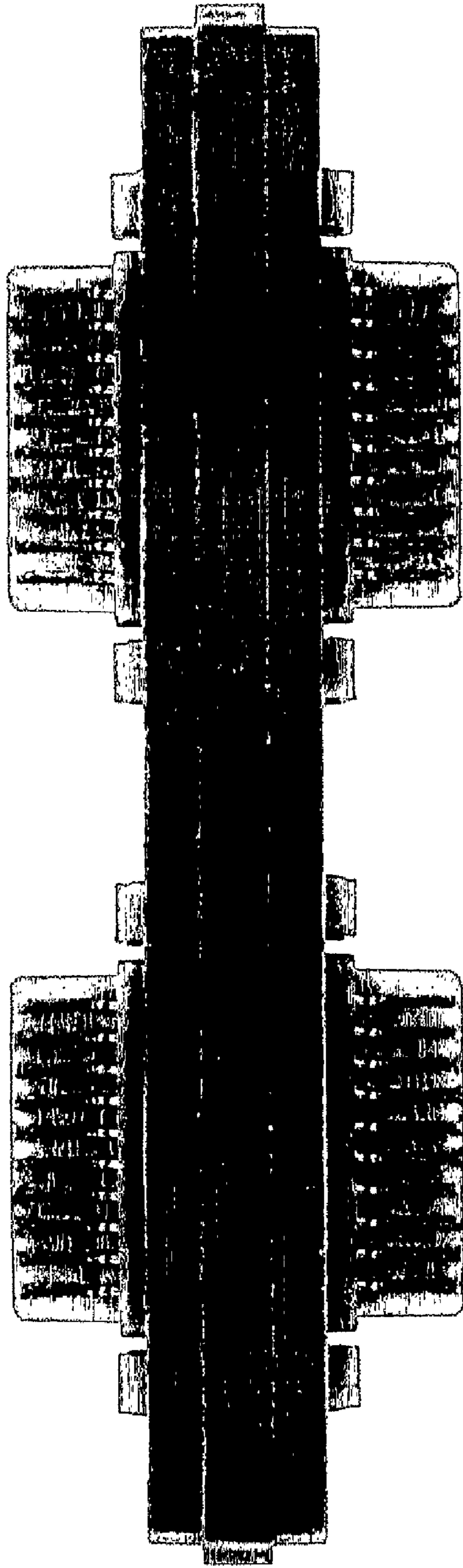


Fig.4

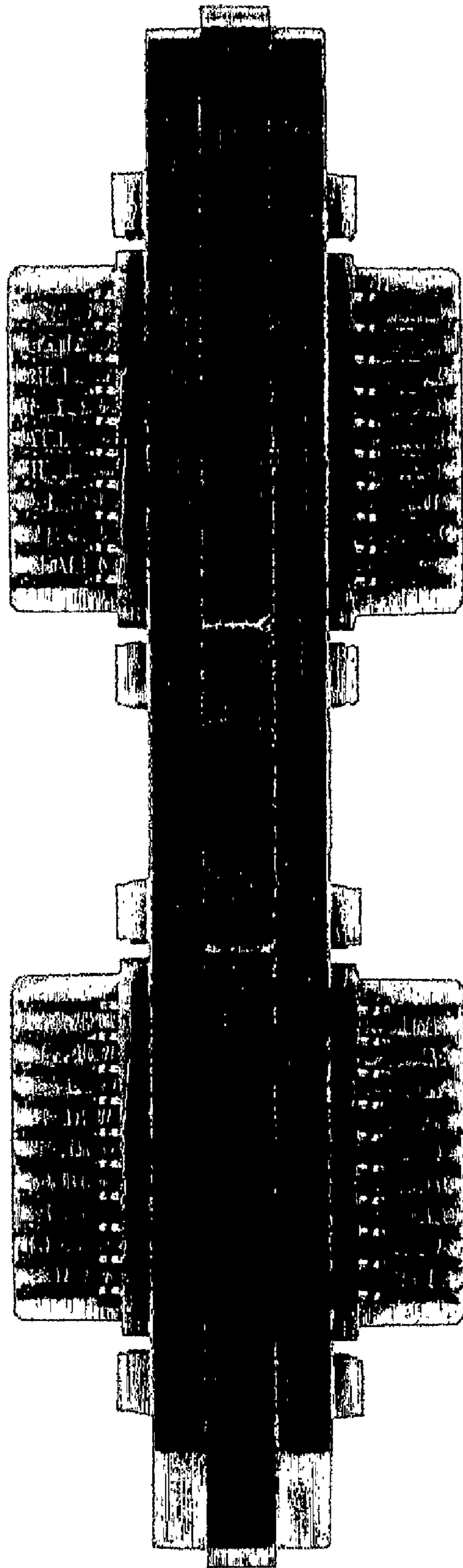


Fig. 6

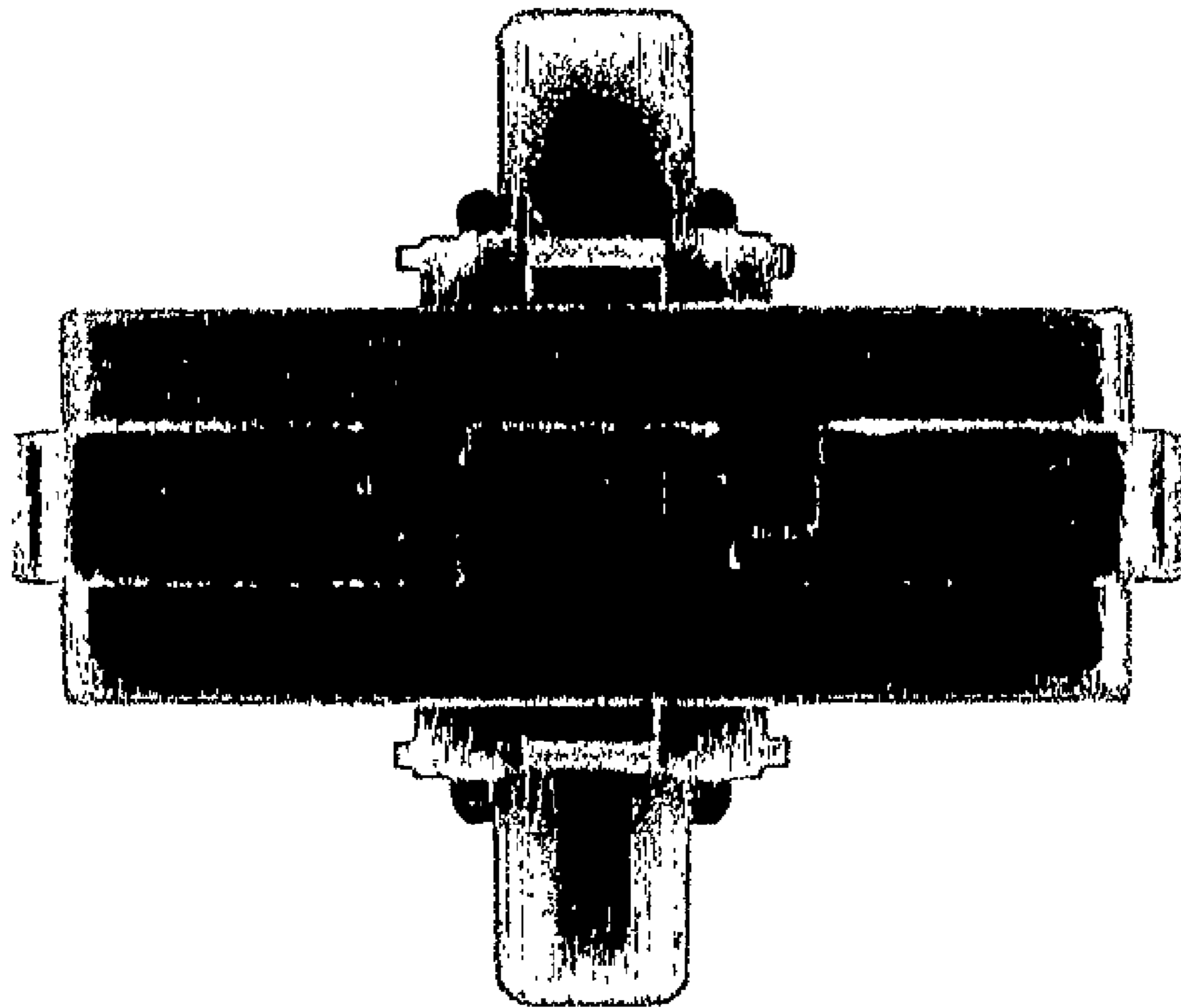


Fig. 5

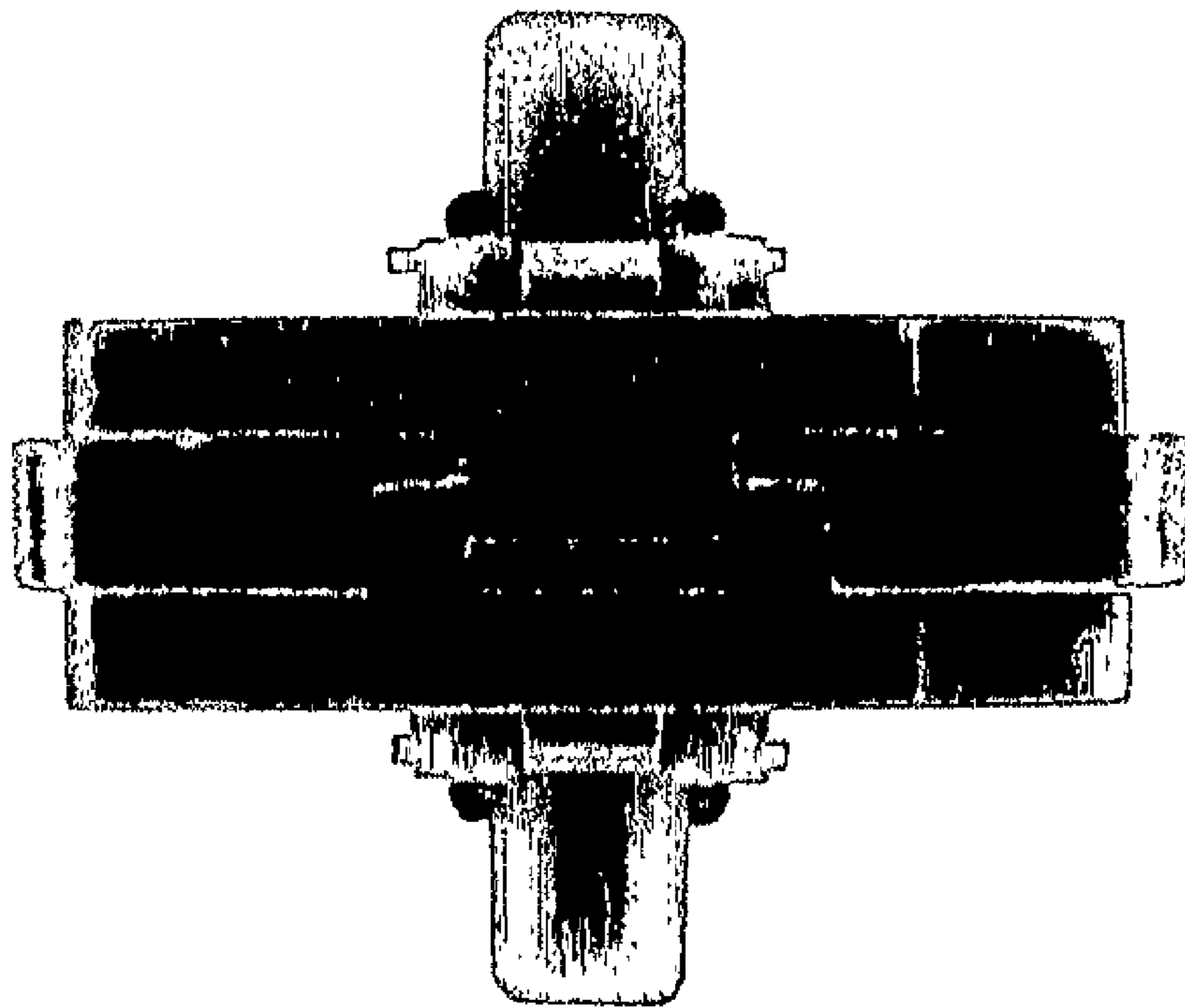
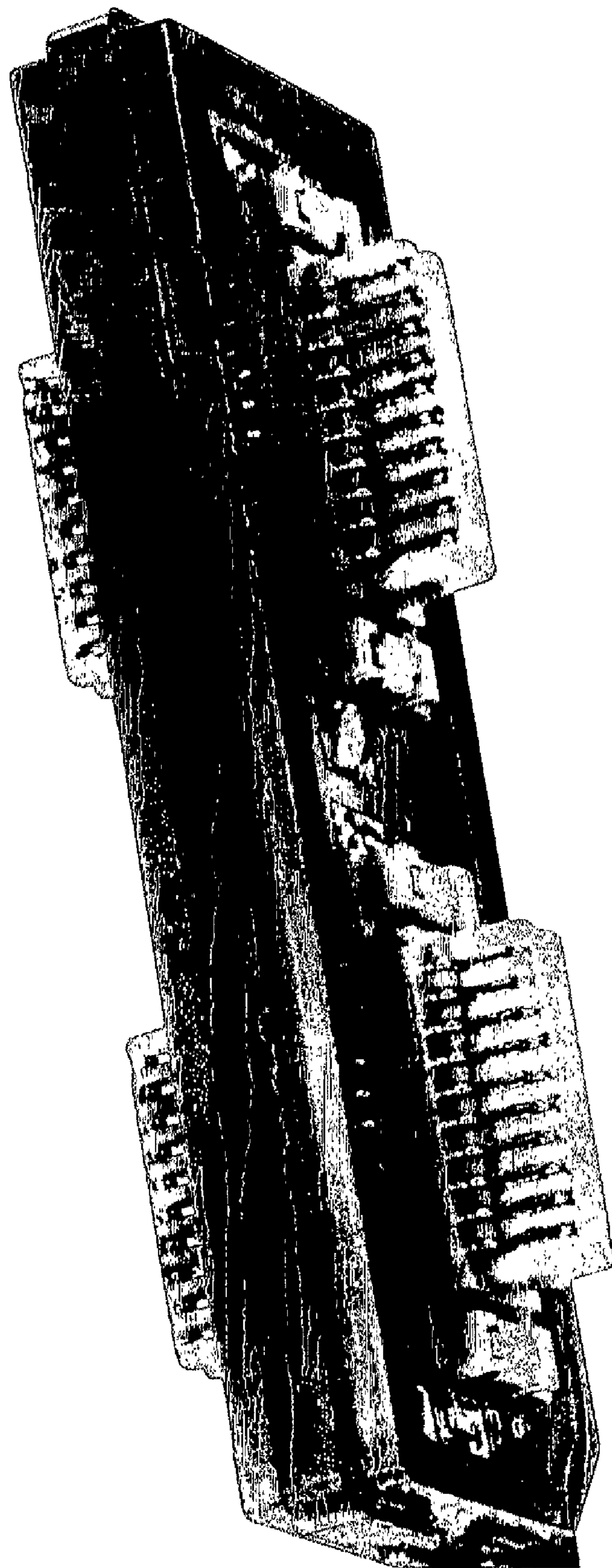


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Signed and Sealed this

Twenty-sixth Day of January, 2010

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David J. Kappos  
*Director of the United States Patent and Trademark Office*

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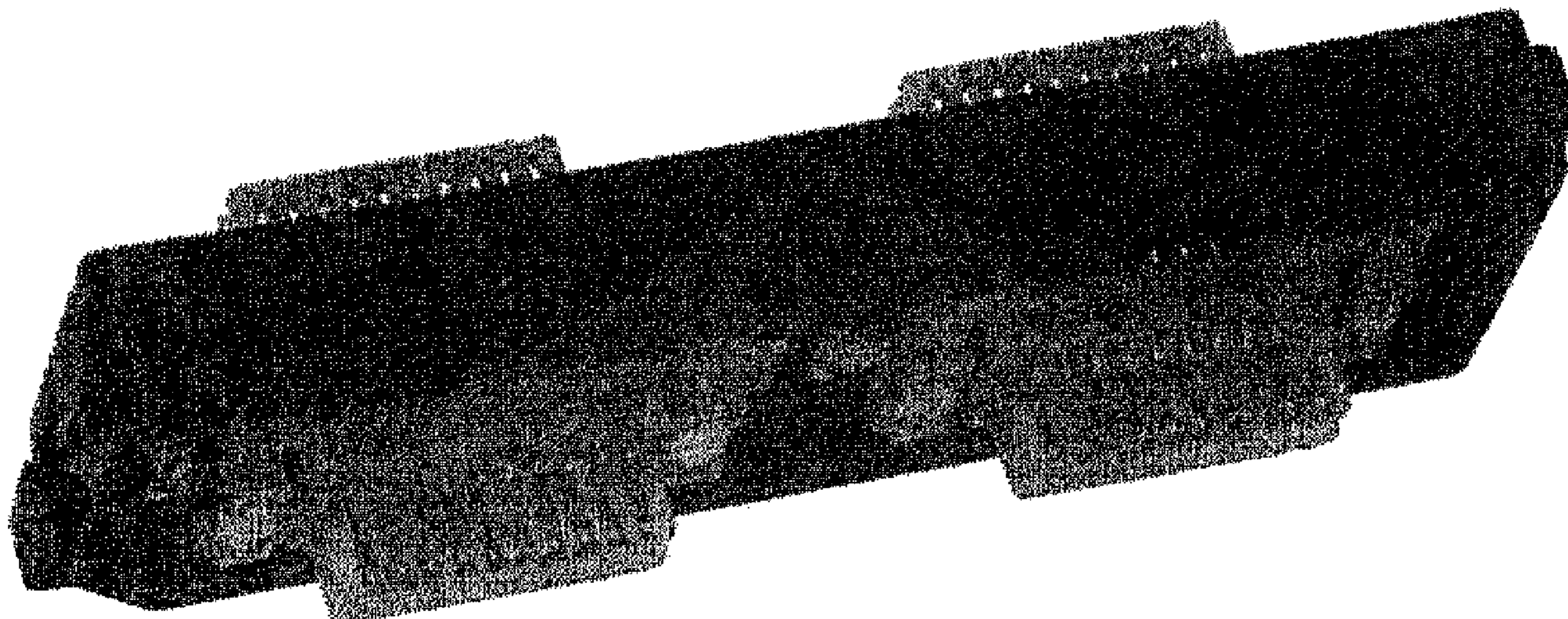


Fig. 1

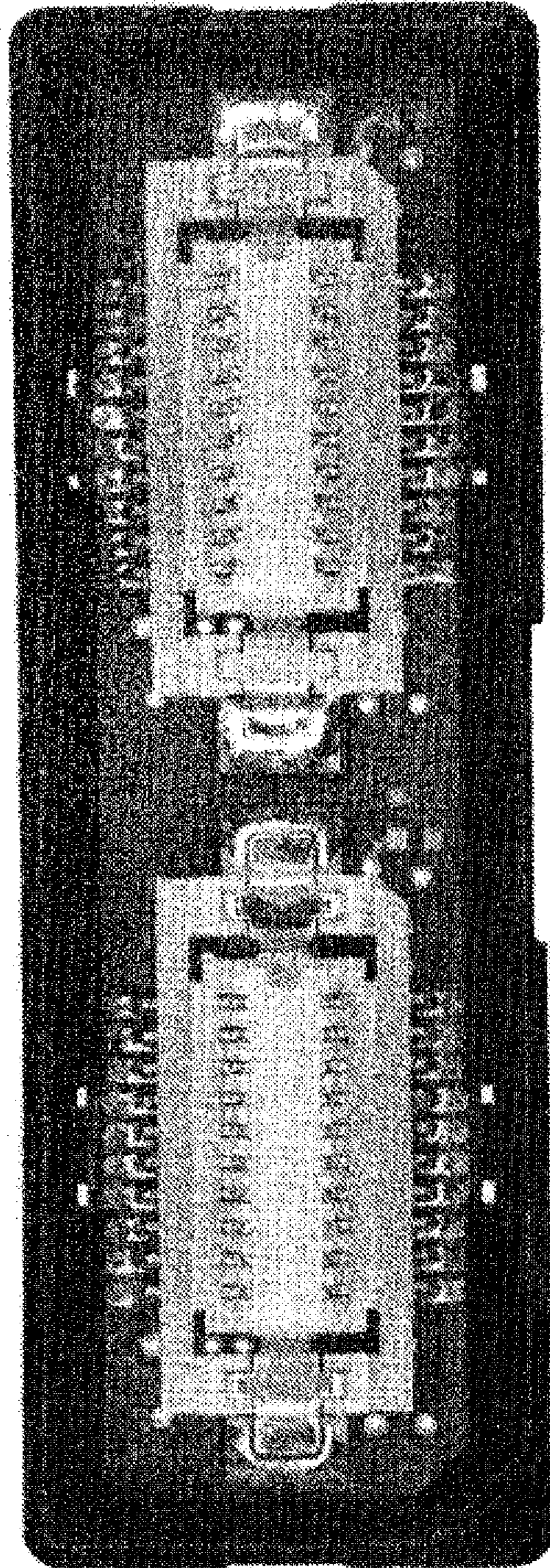


Fig. 2

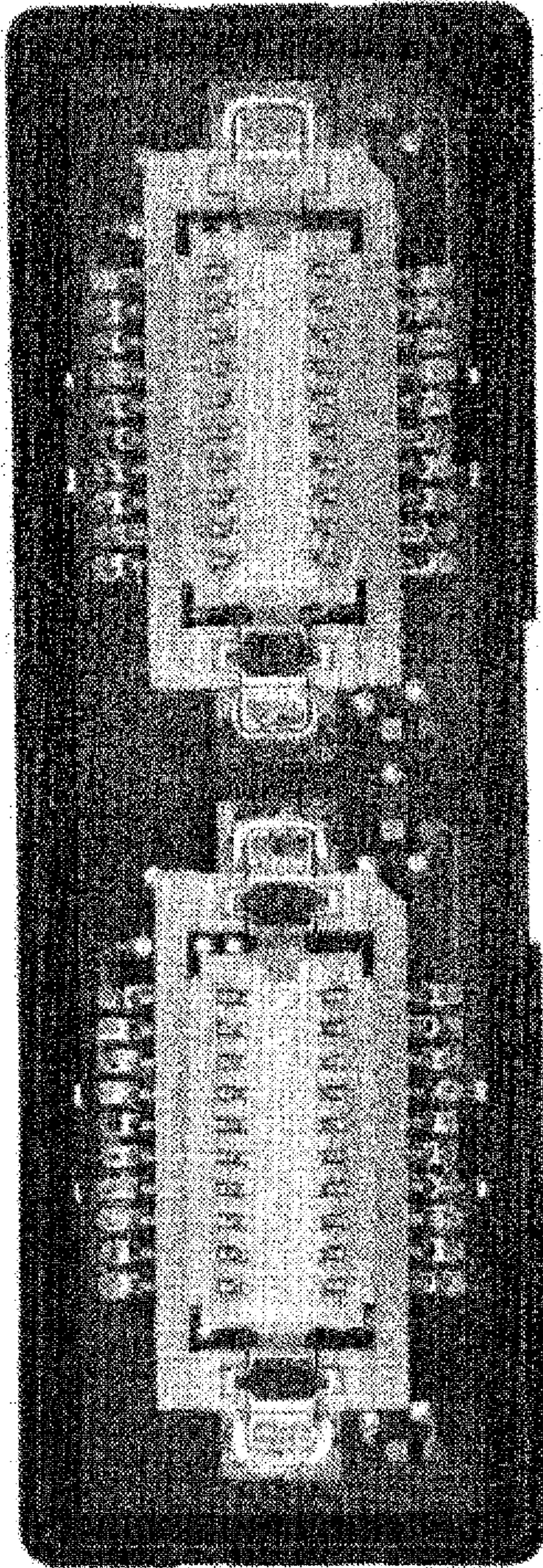


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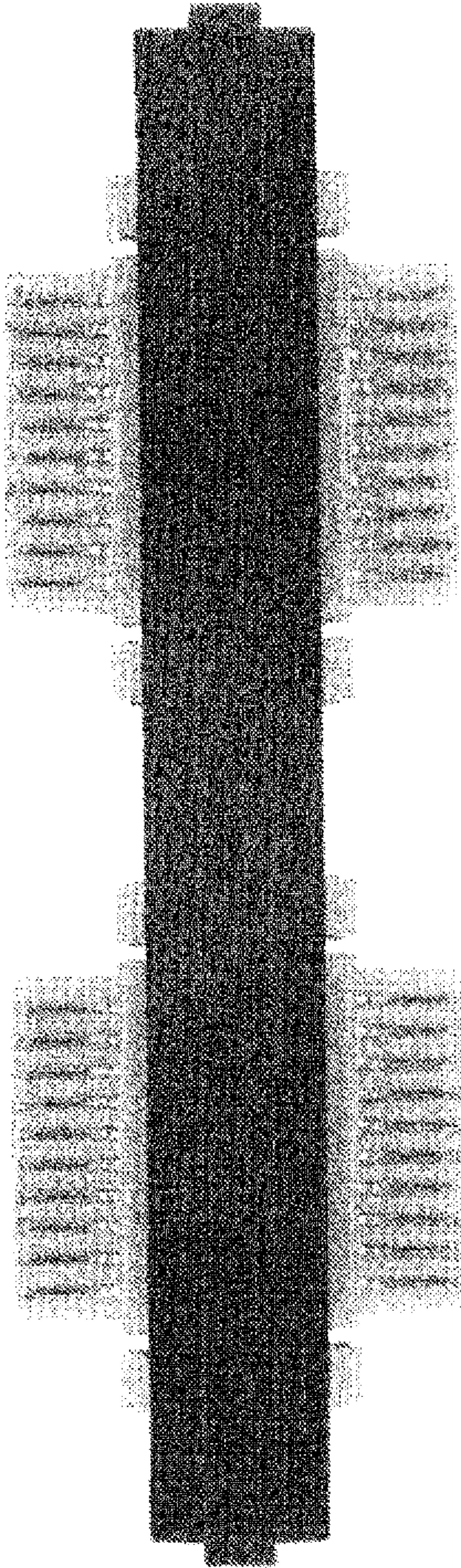


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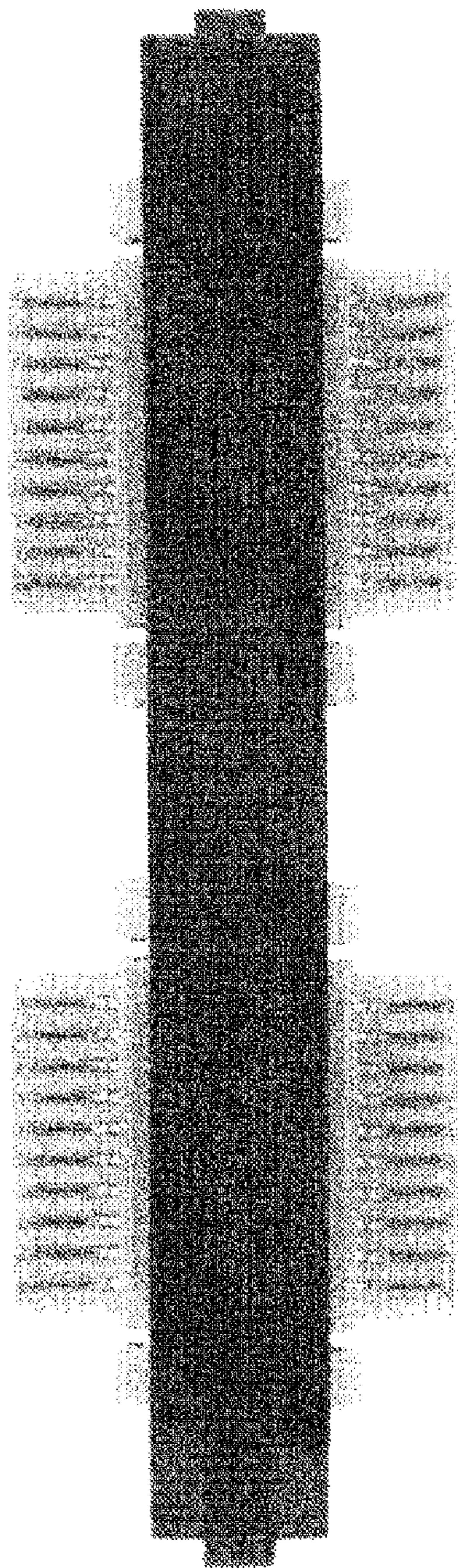


Fig. 6

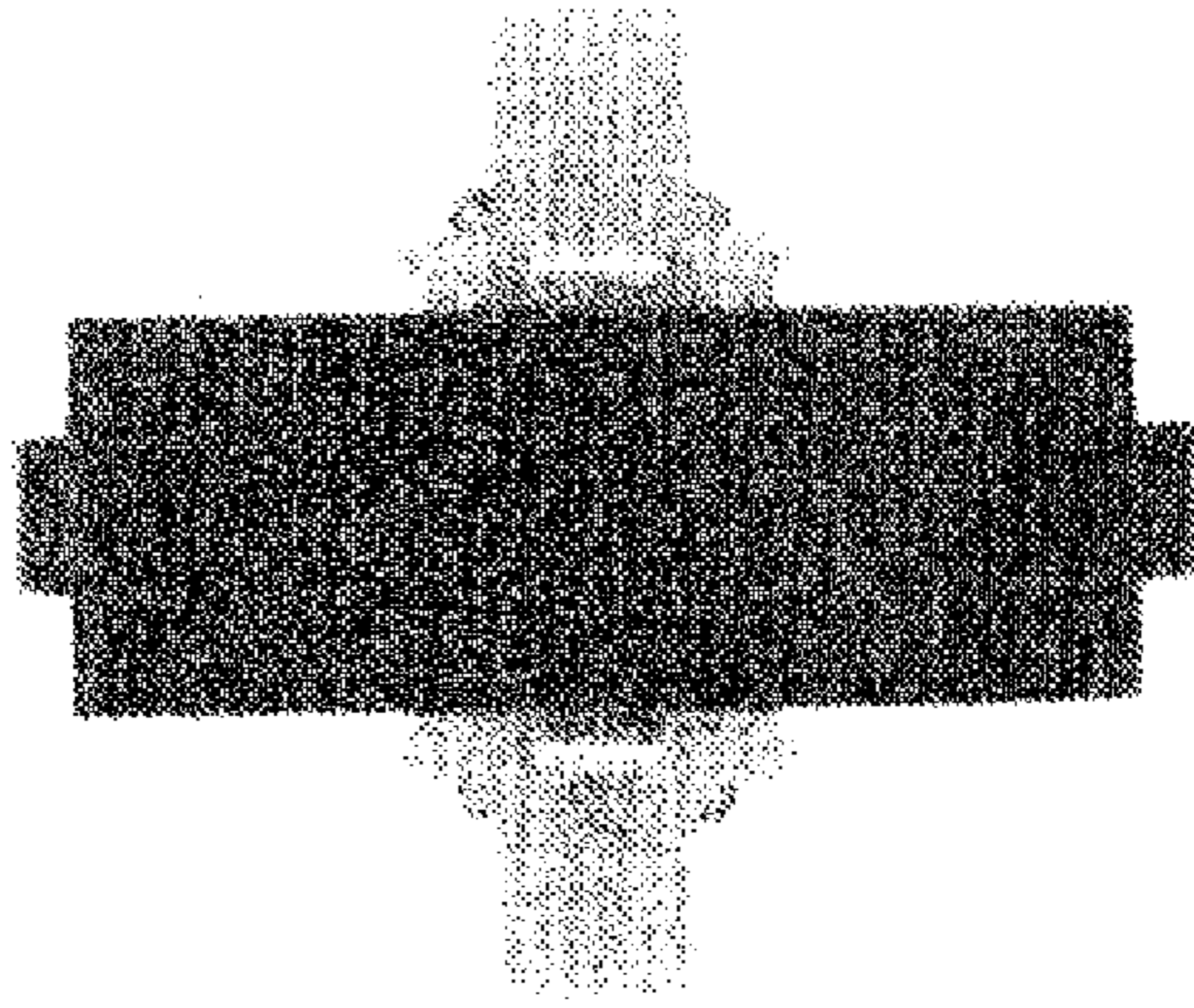


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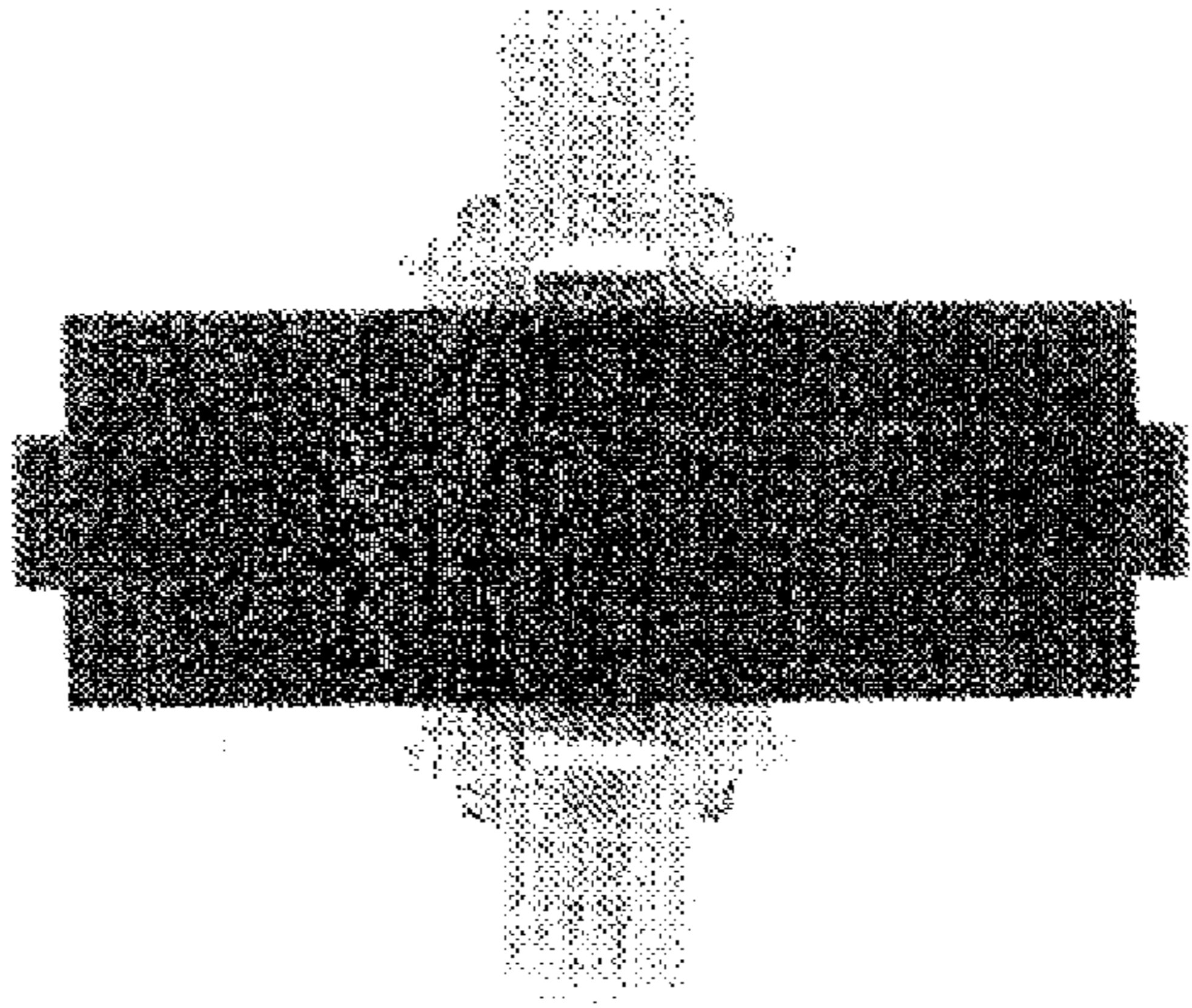


Fig. 7

