



US00D542403S

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

(10) **Patent No.:** **US D542,403 S**

(45) **Date of Patent:** **\*\* May 8, 2007**

(54) **HOUSING FOR IGNITION UNIT FOR GAS AND OIL BURNERS**

(75) Inventor: **Aksel Sundwall**, Nordborg (DK)

(73) Assignee: **Danfoss A/S**, Nordborg (DK)

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

(21) Appl. No.: **29/244,776**

(22) Filed: **Dec. 14, 2005**

(30) **Foreign Application Priority Data**

Jun. 15, 2005 (EM) ..... 000359161

(51) **LOC (8) Cl.** ..... **23-03**

(52) **U.S. Cl.** ..... **D23/386**

(58) **Field of Classification Search** ..... D23/386,  
D23/402, 415, 416, 418, 421, 322; 431/264,  
431/277, 208, 263, 258, 128, 43, 266; 126/116 R,  
126/114, 39 E, 110 R; 237/48, 53; 123/634;  
336/90

See application file for complete search history.

(56) **References Cited**

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2006/0213499 A1	*	9/2006	Alphs et al.	.....	126/116 R

\* cited by examiner

*Primary Examiner*—Louis Zarfaz

*Assistant Examiner*—David Muller

(74) *Attorney, Agent, or Firm*—McCormick, Pauldings & Huber LLP

(57) **CLAIM**

What is claimed is the new, original and ornamental design for a housing for ignition unit for gas and oil burners or the like, as shown in FIGS. 1 through 7.

**DESCRIPTION**

FIG. 1 is a top plan view of the housing for ignition unit for gas and oil burners or the like thereof.

FIG. 2 is a perspective view as seen from the top, left hand side and rear of the housing for ignition unit for gas and oil burners.

FIG. 3 is a perspective view as seen from the top, left hand side and rear of the housing for ignition unit for gas and oil burners.

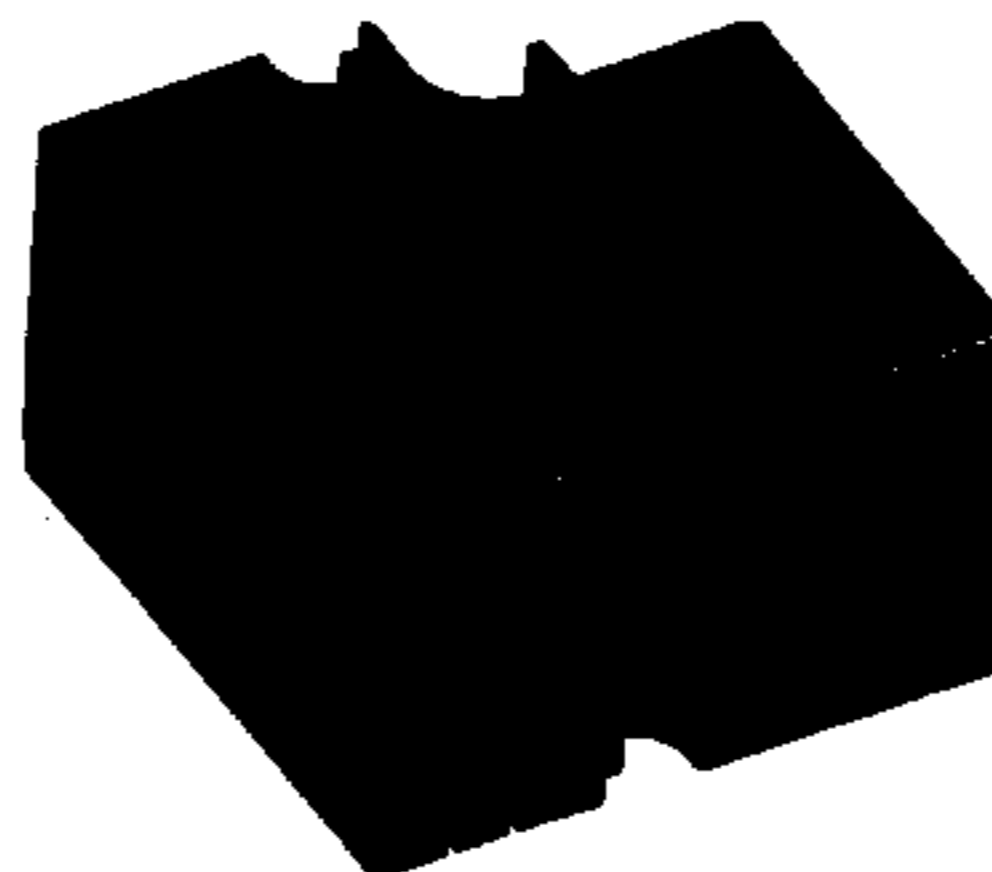
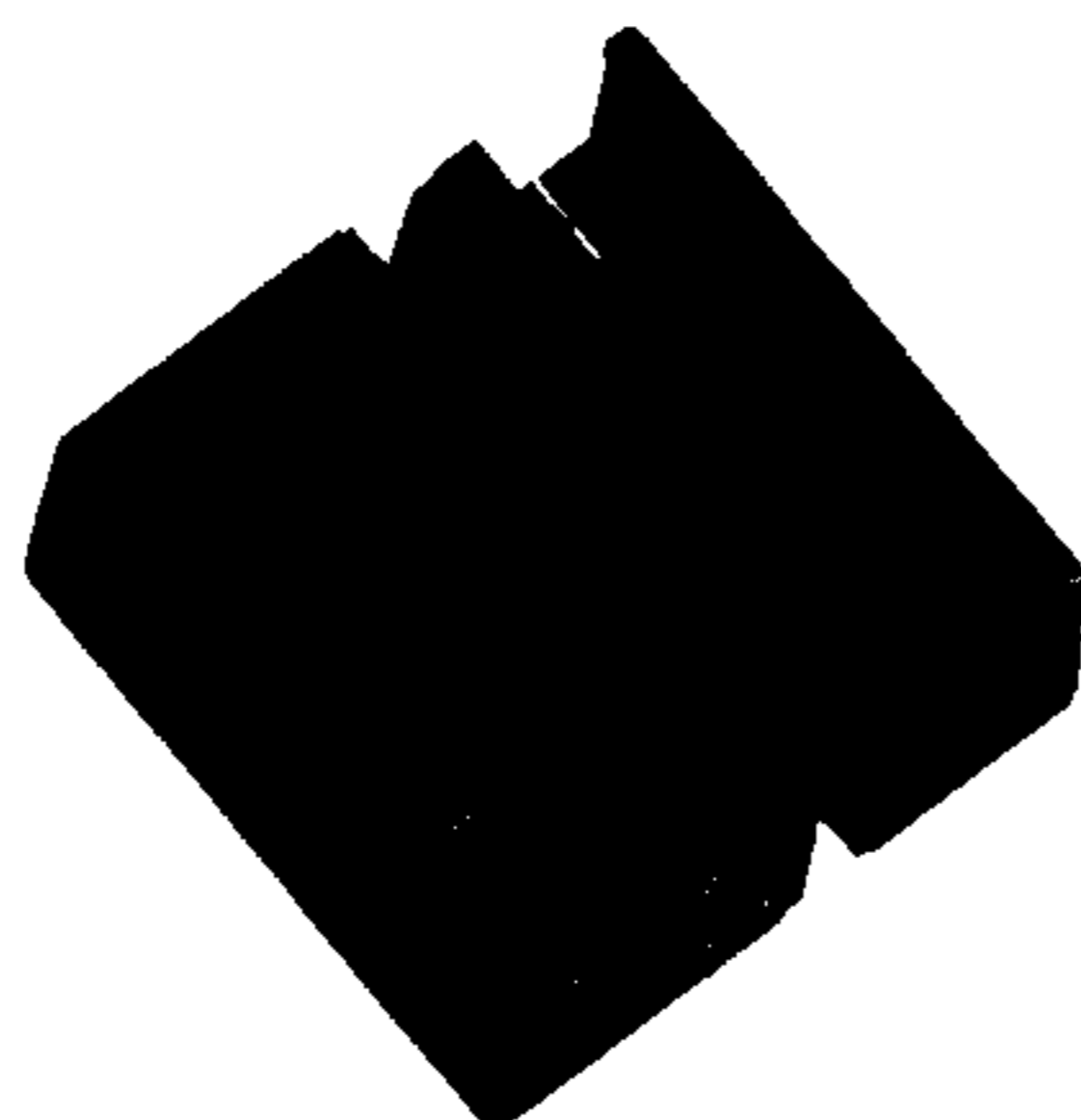
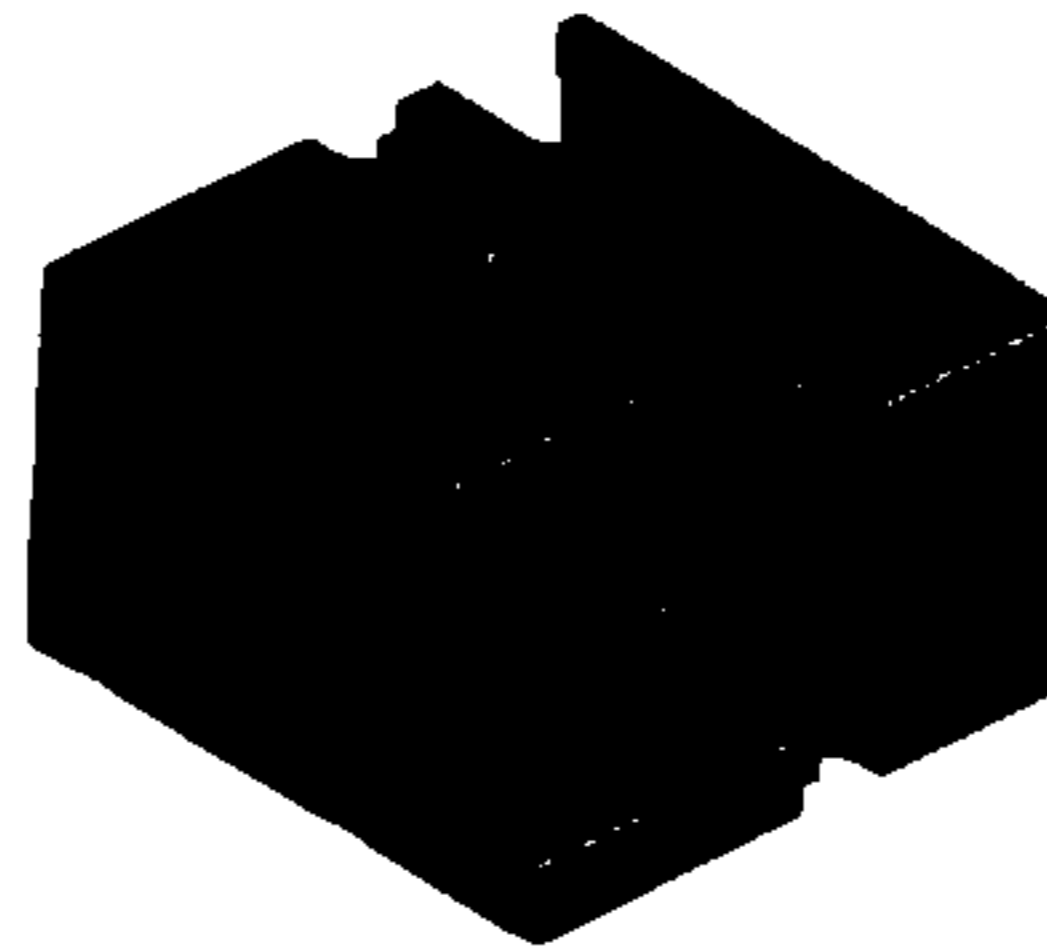
FIG. 4 is a perspective view as seen from the top, right hand side and front of the housing for ignition unit for gas and oil burners.

FIG. 5 is a left hand side view of the housing for ignition unit for gas and oil burners.

FIG. 6 is a bottom view of the housing for ignition unit for gas and oil burners; and,

FIG. 7 is a perspective view as seen from the bottom, left hand side and rear of the housing for ignition unit for gas and oil burners.

**1 Claim, 4 Drawing Sheets**



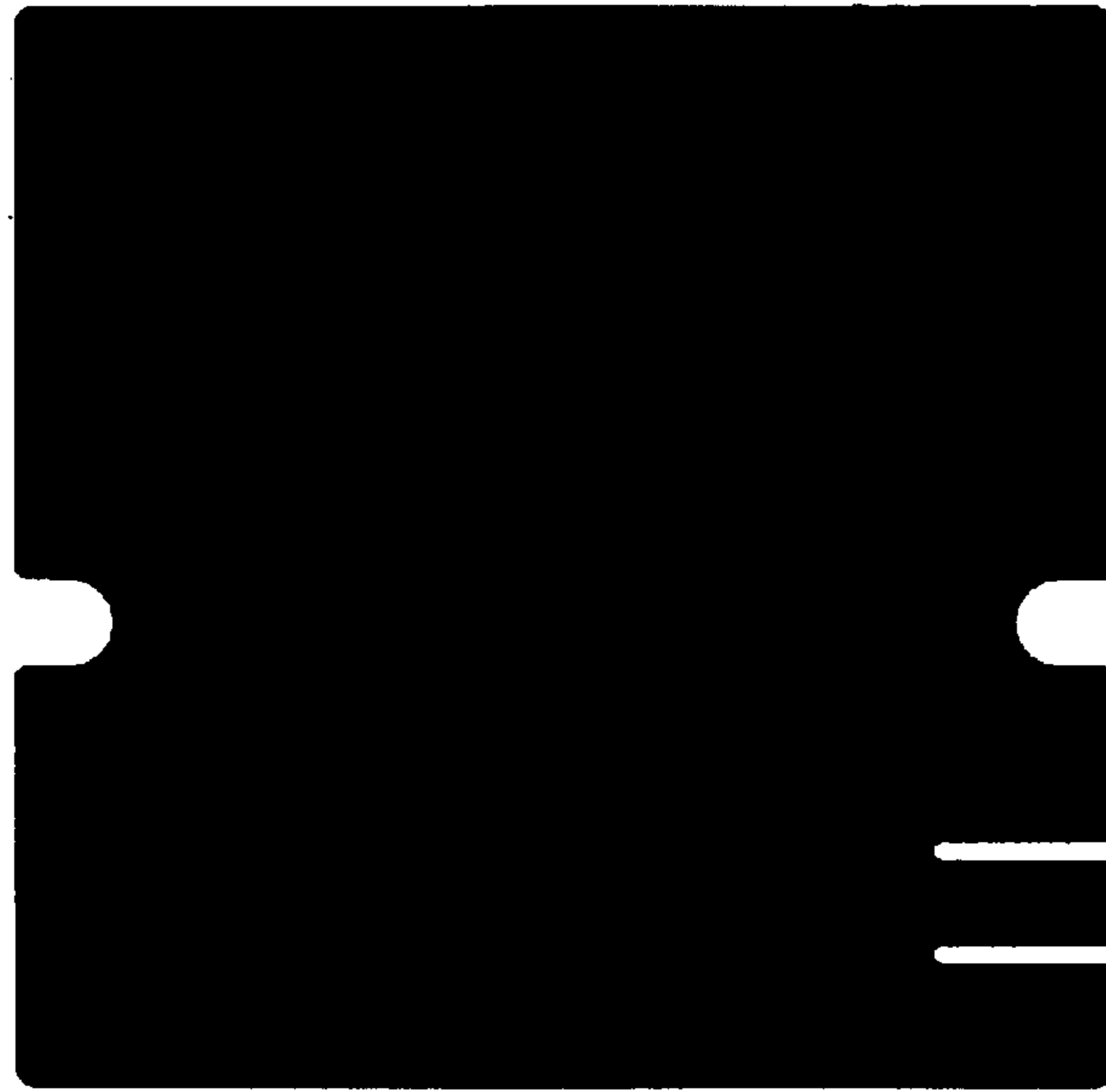


FIG. 1



FIG. 2

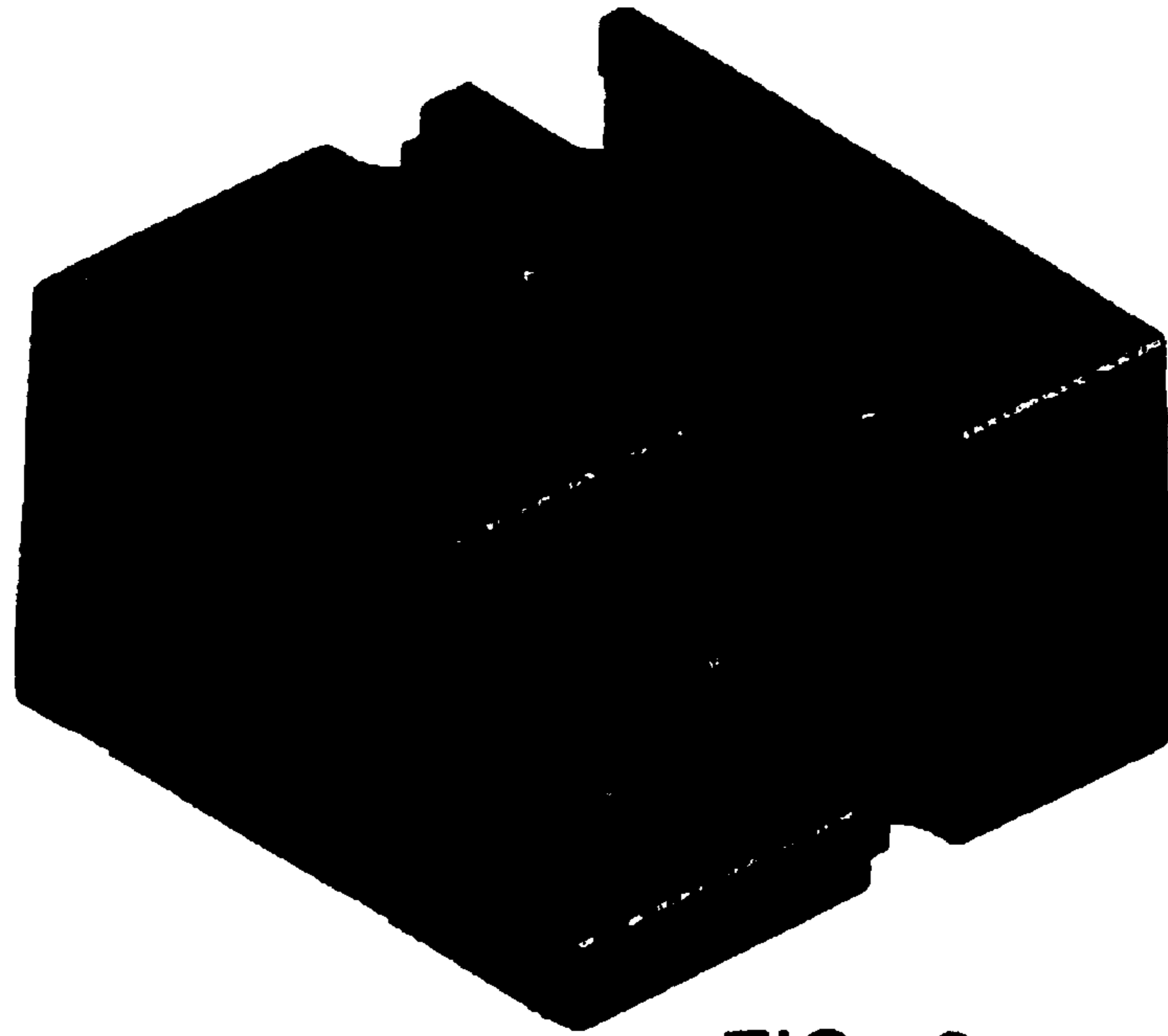


FIG. 3

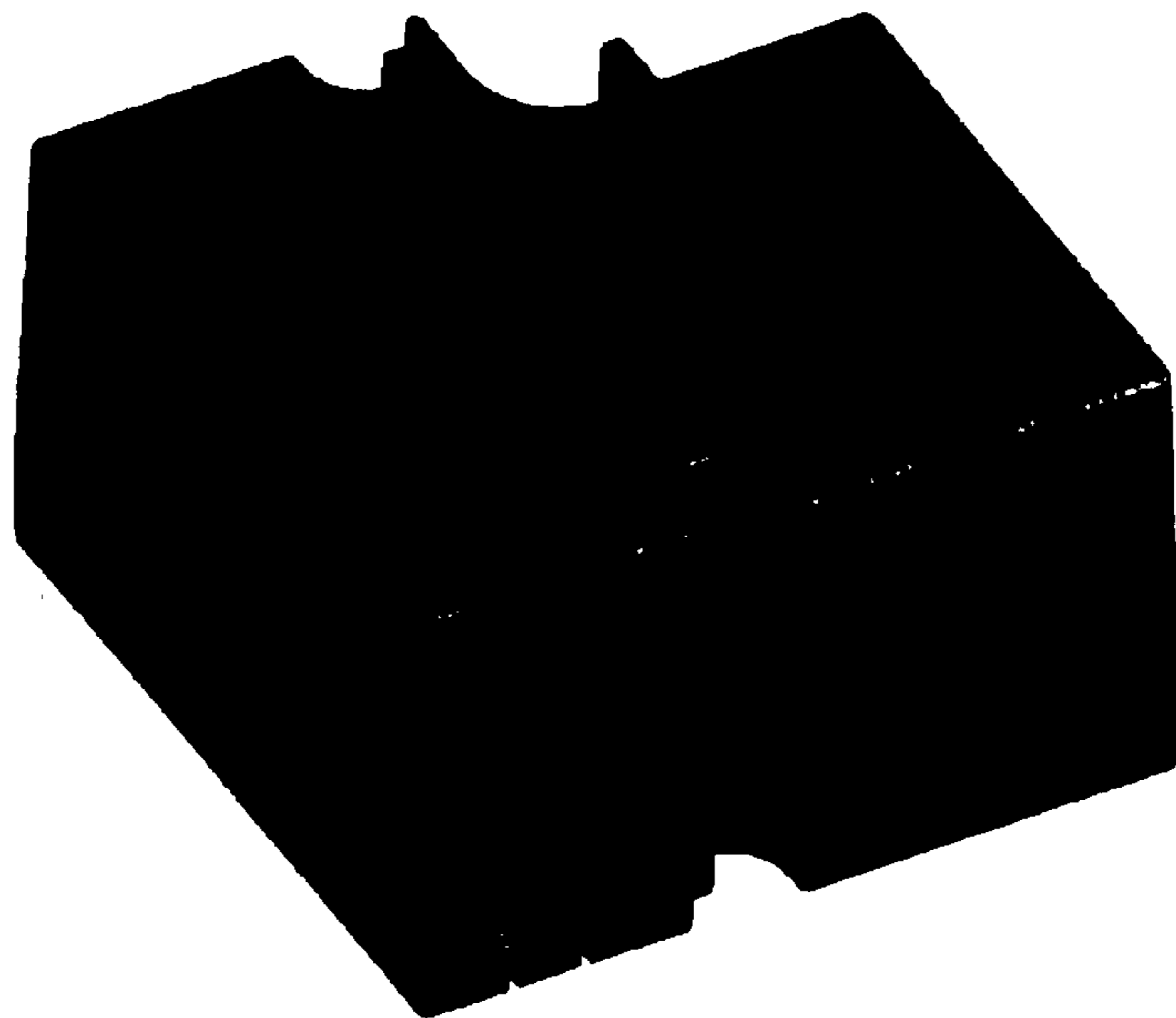


FIG. 4

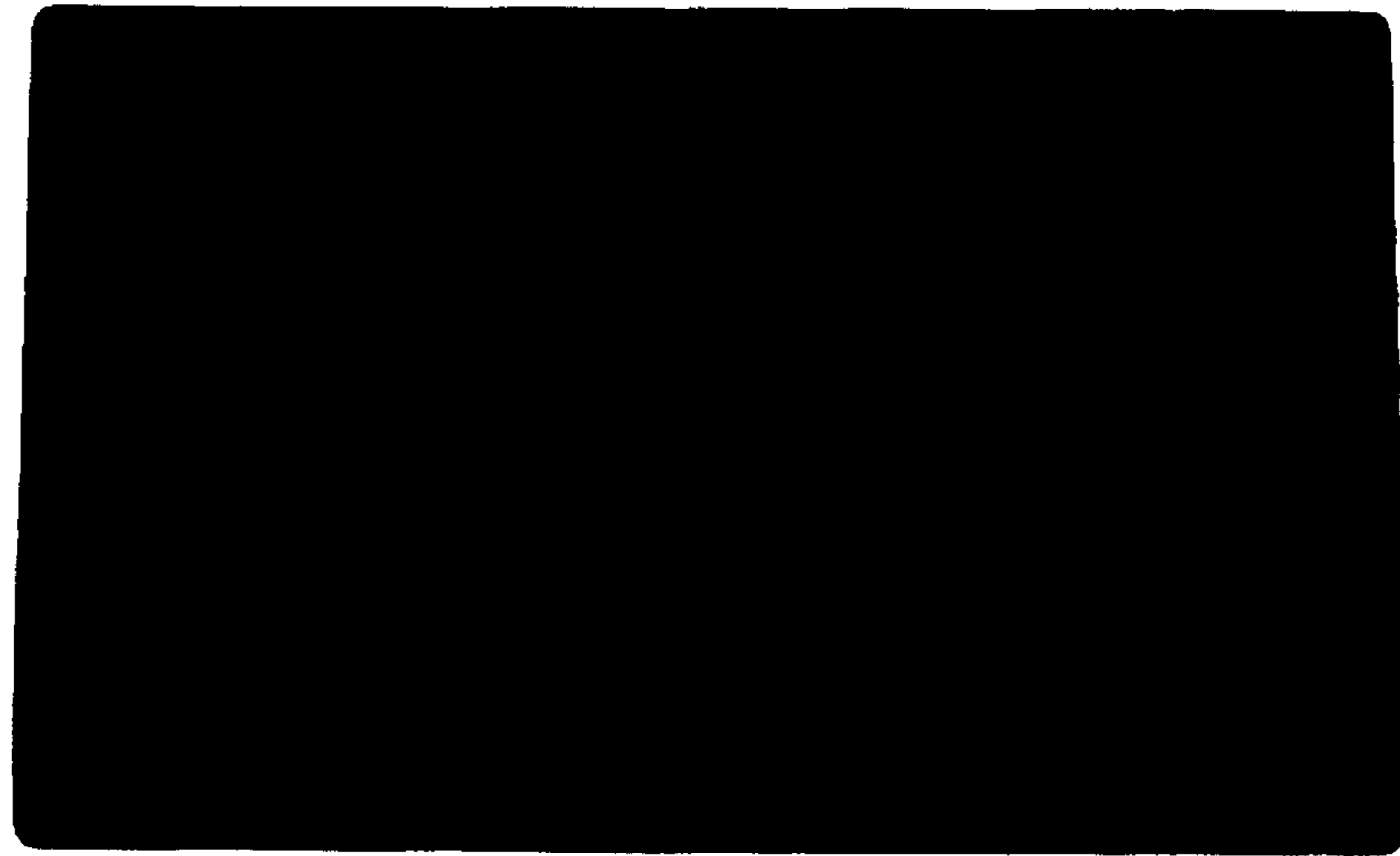


FIG. 5



FIG. 6

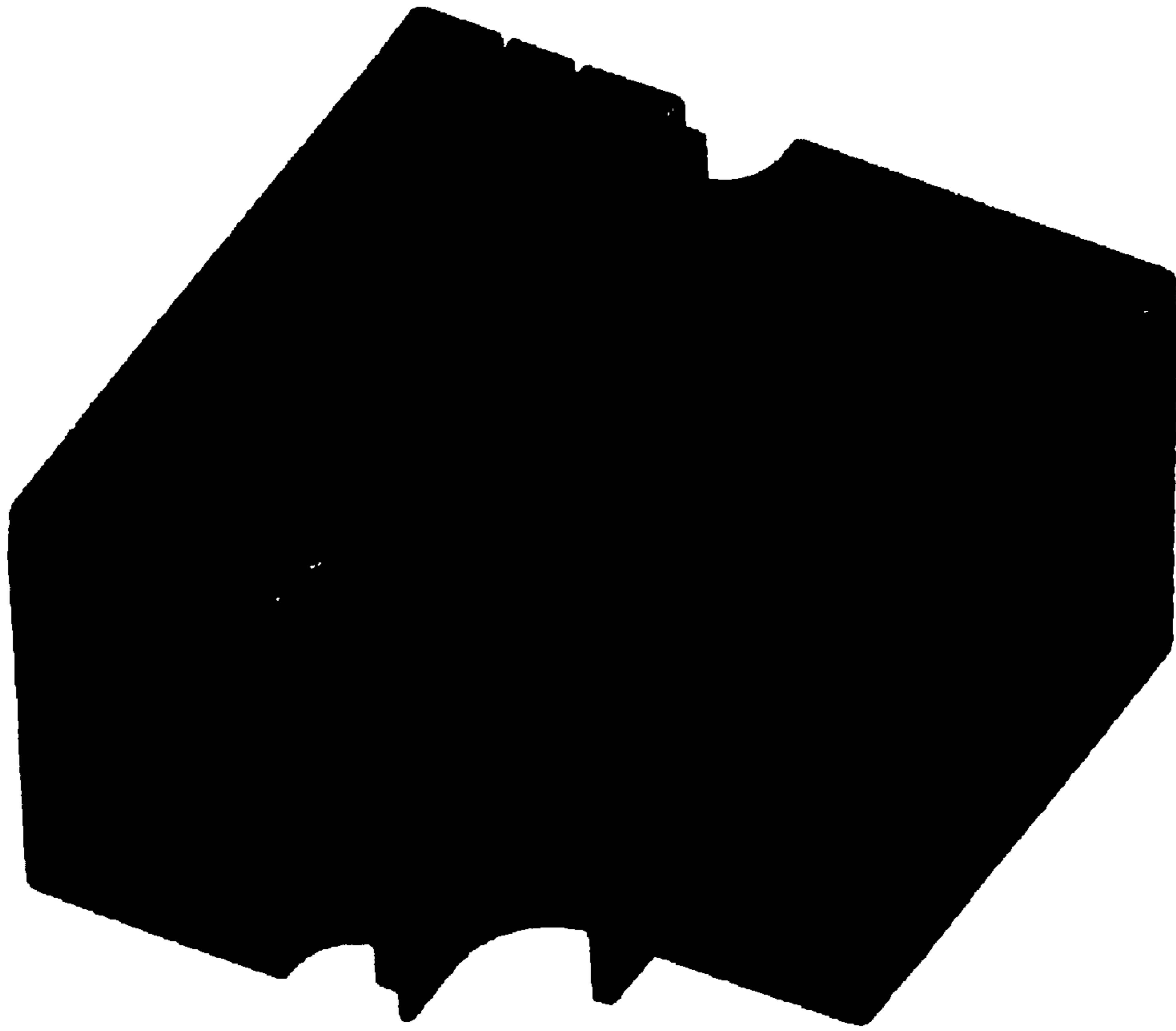


FIG. 7

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

PATENT NO. : Des. 542,403 S  
APPLICATION NO. : 29/244776  
DATED : May 8, 2007  
INVENTOR(S) : Sundwall

Page 1 of 6

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

The title page showing the illustrative figure should be deleted and substitute with the attached title page.

The drawing sheet, consisting of Fig. 1 – 7, should be deleted and replaced with drawing sheet, consisting of Fig. 1 – 7, as shown on the attached page.

Signed and Sealed this

Fourth Day of December, 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*

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

(10) Patent No.: **US D542,403 S**  
 (45) Date of Patent: **\*\* May 8, 2007**

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(75) Inventor: **Aksel Sundwall, Nordborg (DK)**

(73) Assignee: **Danfoss A/S, Nordborg (DK)**

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See application file for complete search history.

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*Primary Examiner—Louis Zarfus*

*Assistant Examiner—David Muller*

(74) *Attorney, Agent, or Firm—McCormick, Paulding & Huber LLP*

(57) **CLAIM**

What is claimed is the new, original and ornamental design for a housing for ignition unit for gas and oil burners or the like, as shown in FIGS. 1 through 7.

**DESCRIPTION**

FIG. 1 is a top plan view of the housing for ignition unit for gas and oil burners or the like thereof.

FIG. 2 is a perspective view as seen from the top, left hand side and rear of the housing for ignition unit for gas and oil burners.

FIG. 3 is a perspective view as seen from the top, left hand side and rear of the housing for ignition unit for gas and oil burners.

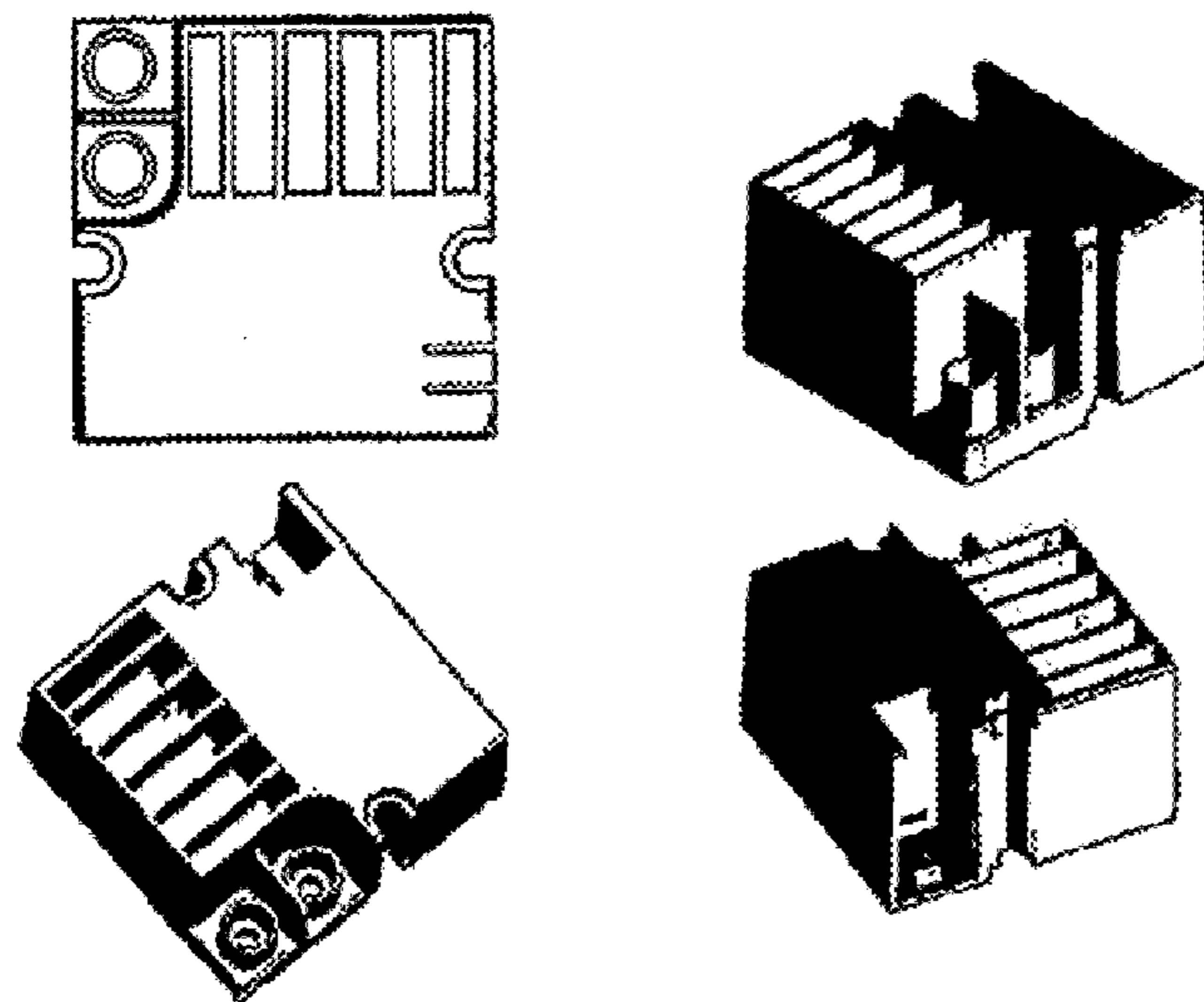
FIG. 4 is a perspective view as seen from the top, right hand side and front of the housing for ignition unit for gas and oil burners.

FIG. 5 is a left hand side view of the housing for ignition unit for gas and oil burners.

FIG. 6 is a bottom view of the housing for ignition unit for gas and oil burners; and,

FIG. 7 is a perspective view as seen from the bottom, left hand side and rear of the housing for ignition unit for gas and oil burners.

**1 Claim, 4 Drawing Sheets**



U.S. Patent

May 8, 2007

Sheet 1 of 4

D542,403 S

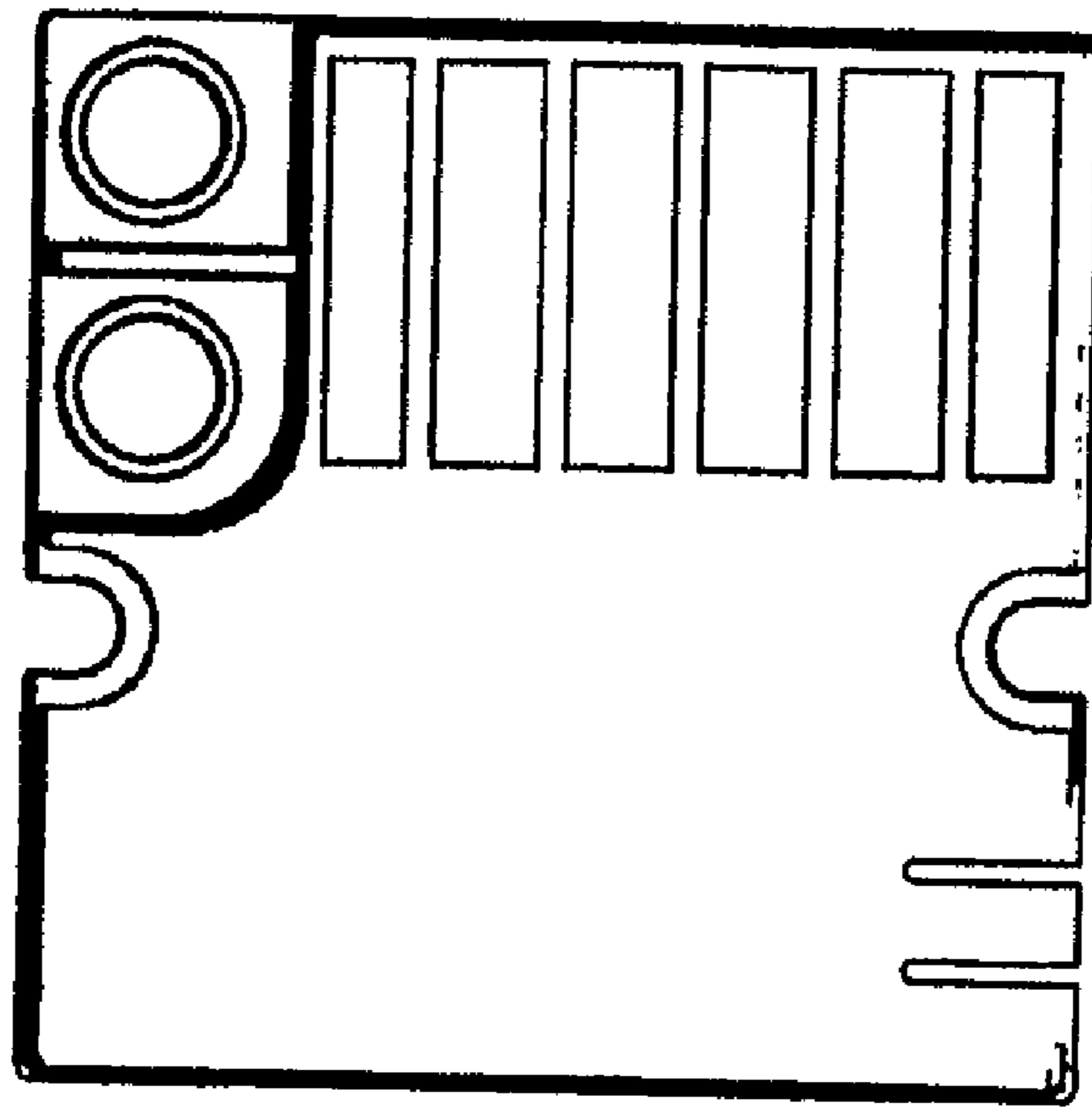


FIG. 1

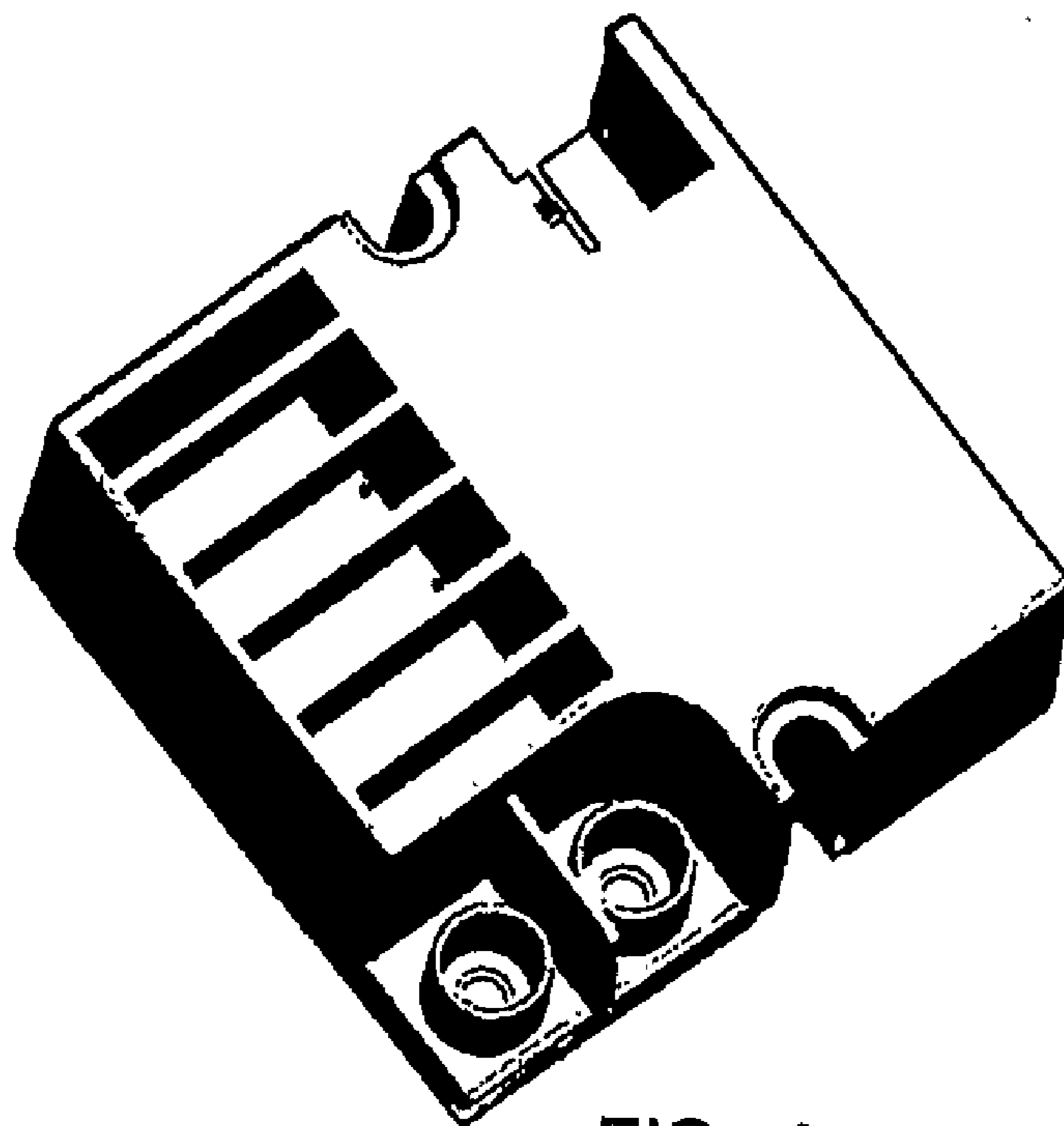


FIG. 2



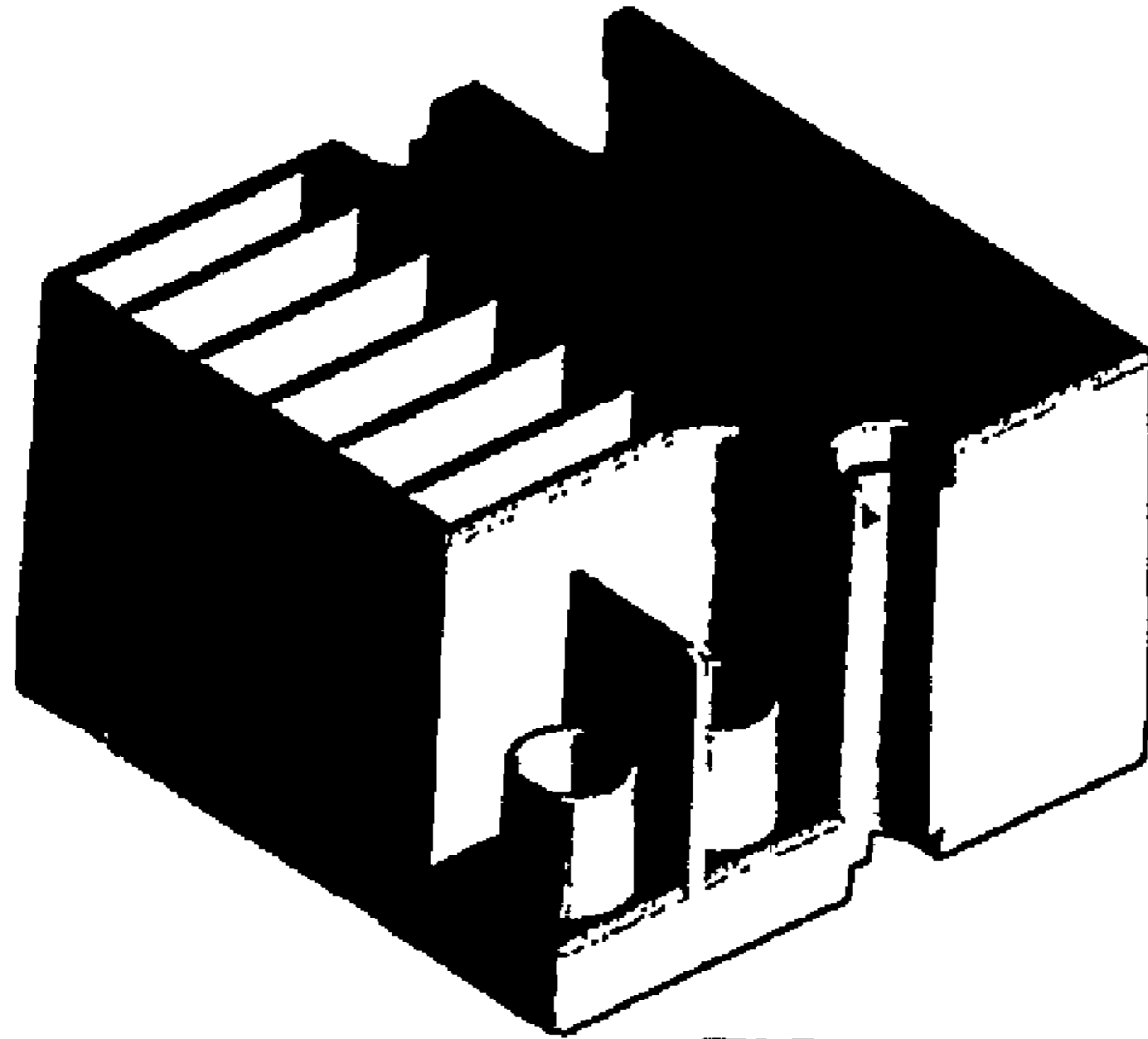


FIG. 3

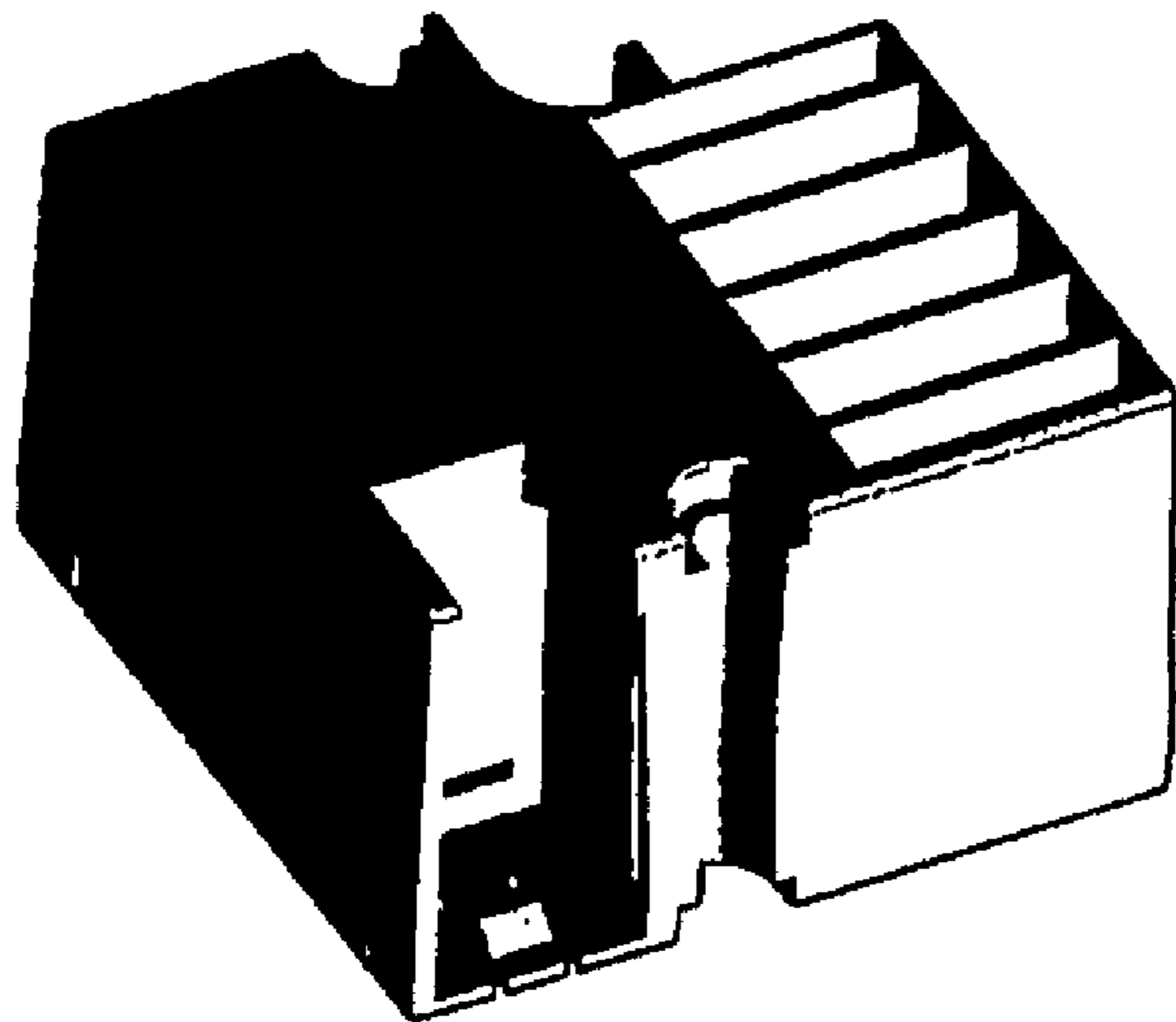


FIG. 4

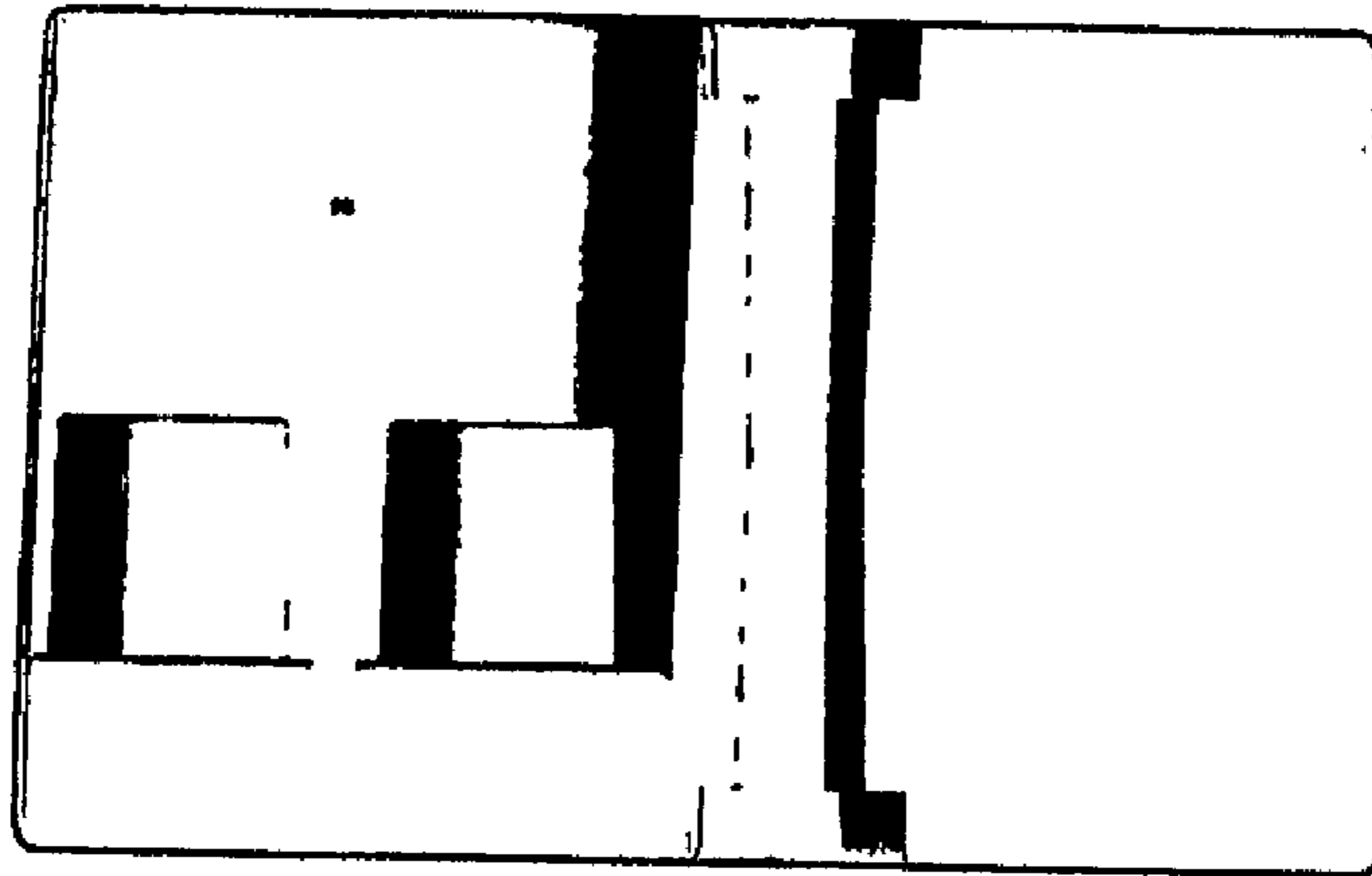


FIG. 5

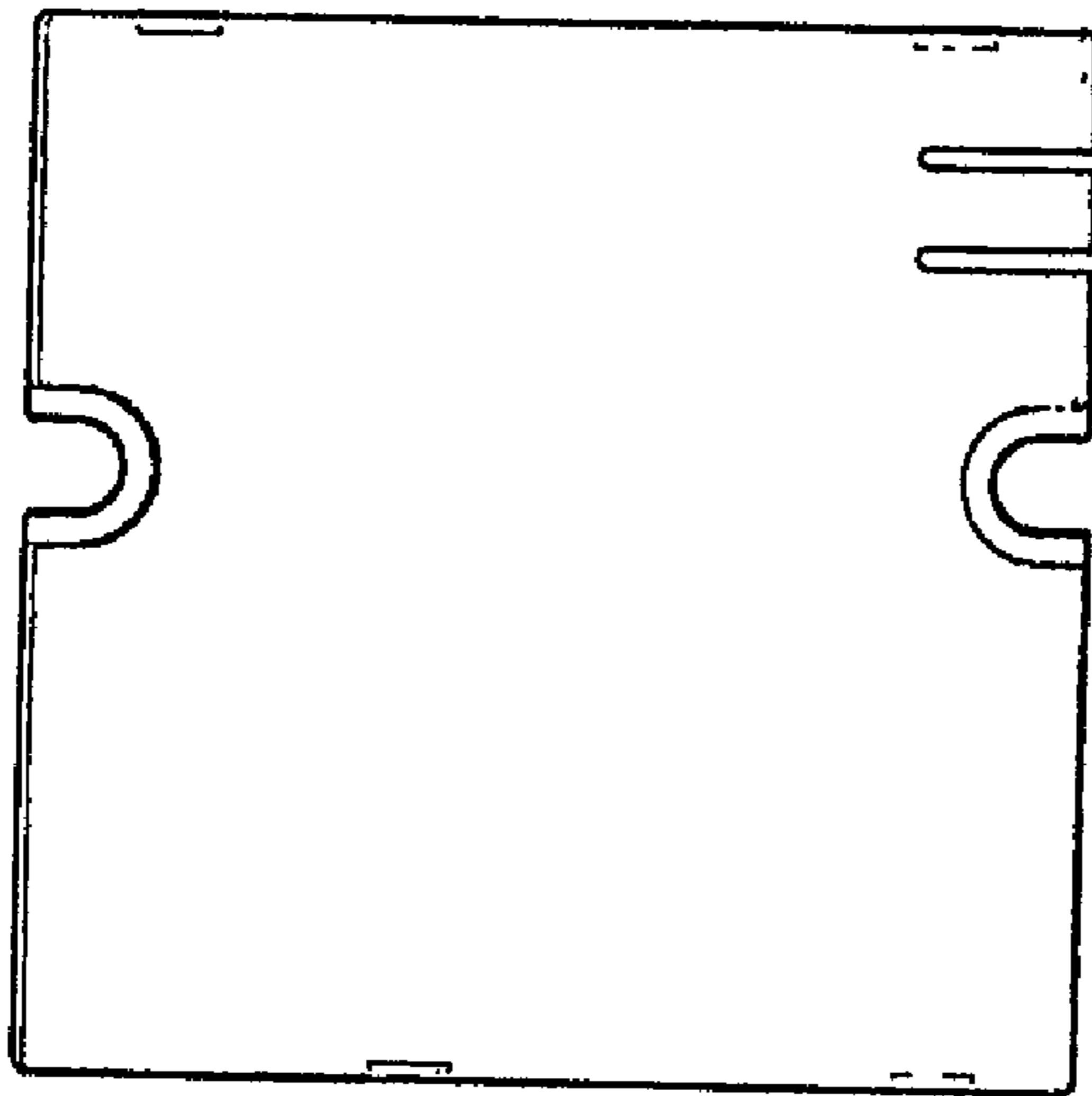
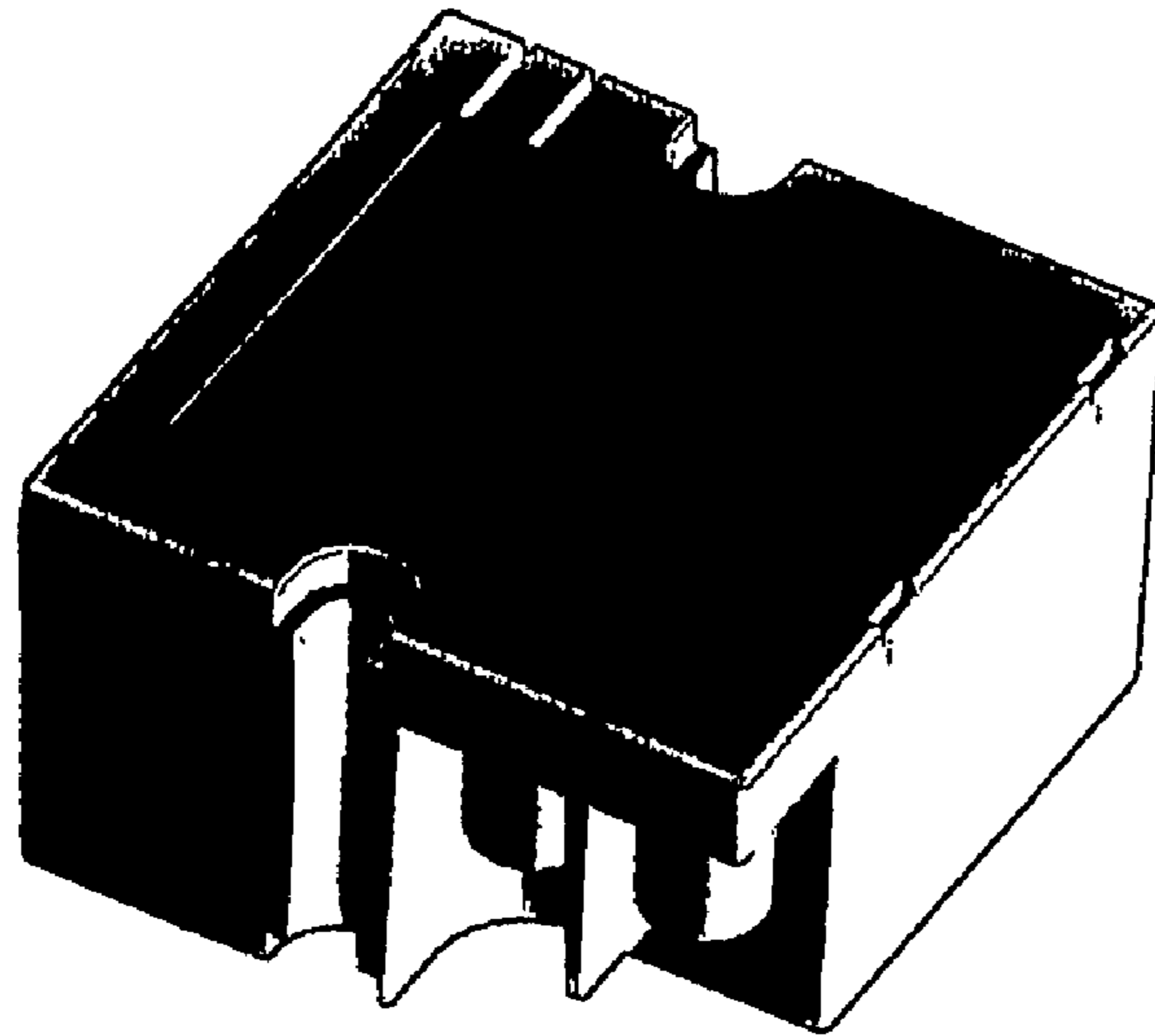


FIG. 6



**FIG. 7**

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

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APPLICATION NO. : 29/244776  
DATED : May 8, 2007  
INVENTOR(S) : Aksel Sundwall

Page 1 of 1

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Title Page.

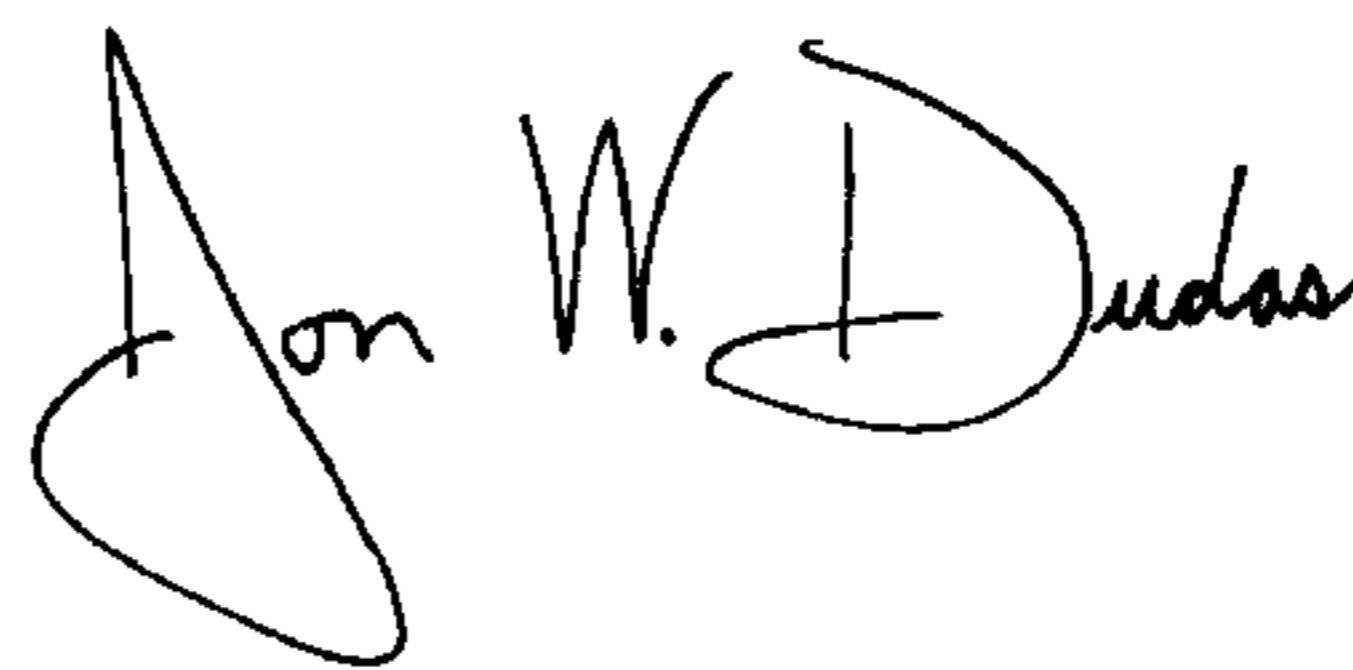
Item (30) should read:

Foreign Application Priority Data

Jun. 15, 2005 (EU) .....000359161

Signed and Sealed this

First Day of January, 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*

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This certificate supersedes the Certificate of Correction issued December 4, 2007.

Signed and Sealed this

Seventeenth Day of March, 2009



JOHN DOLL  
*Acting Director of the United States Patent and Trademark Office*

(12) **United States Design Patent**  
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*Assistant Examiner* - David Muller

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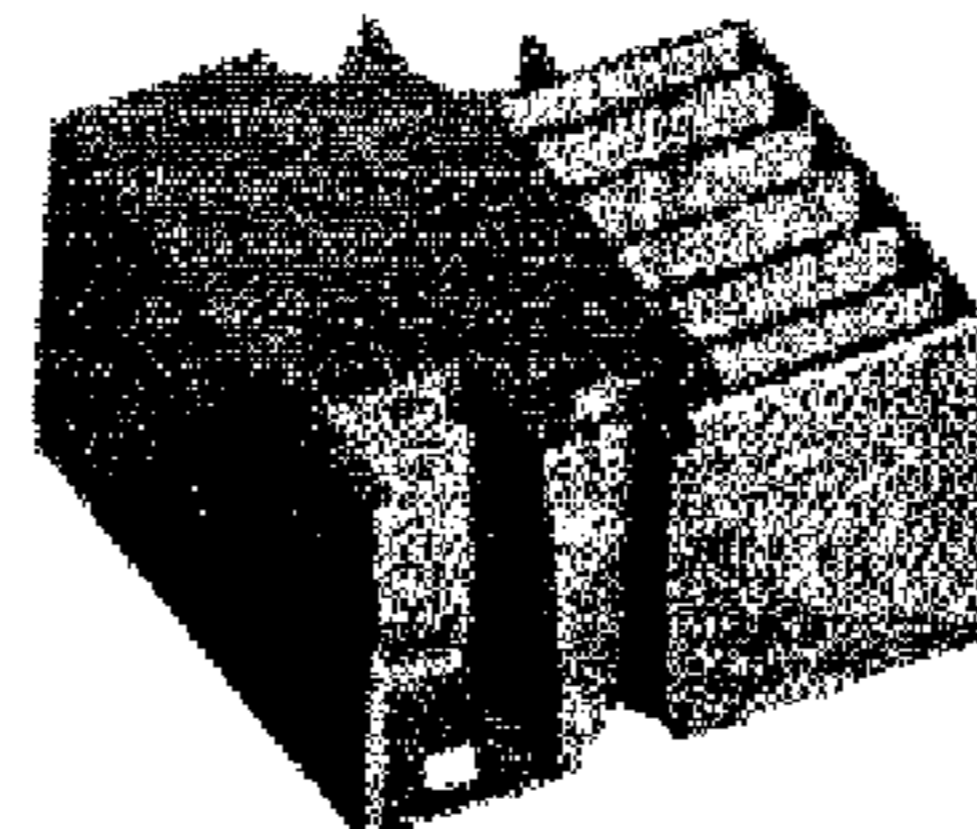
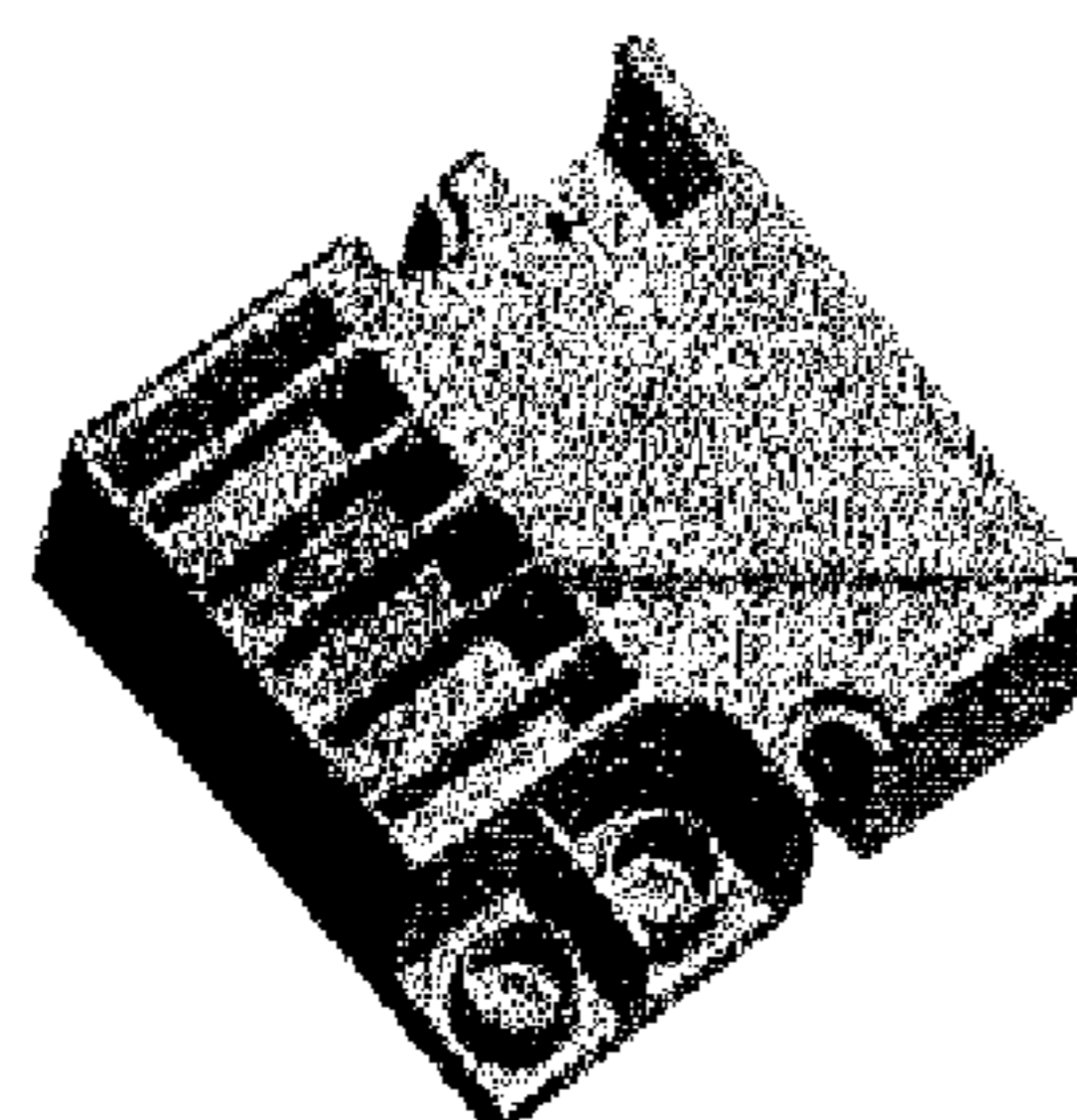
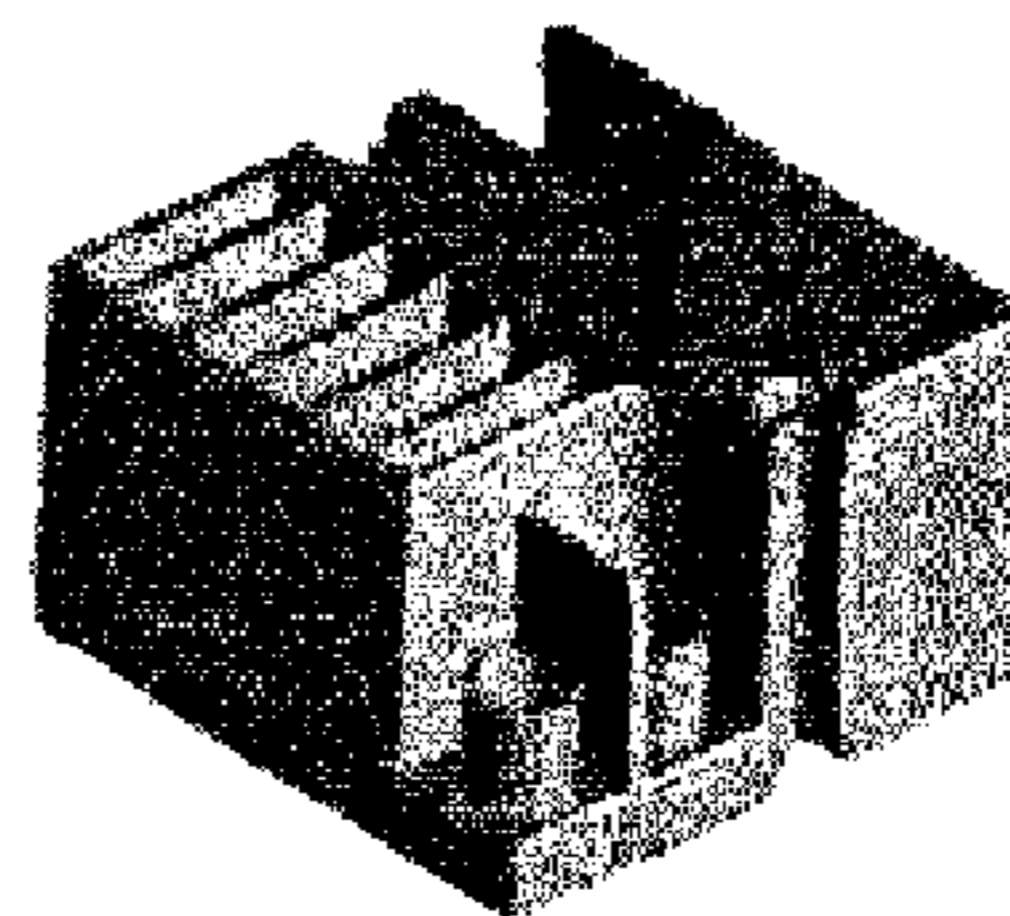
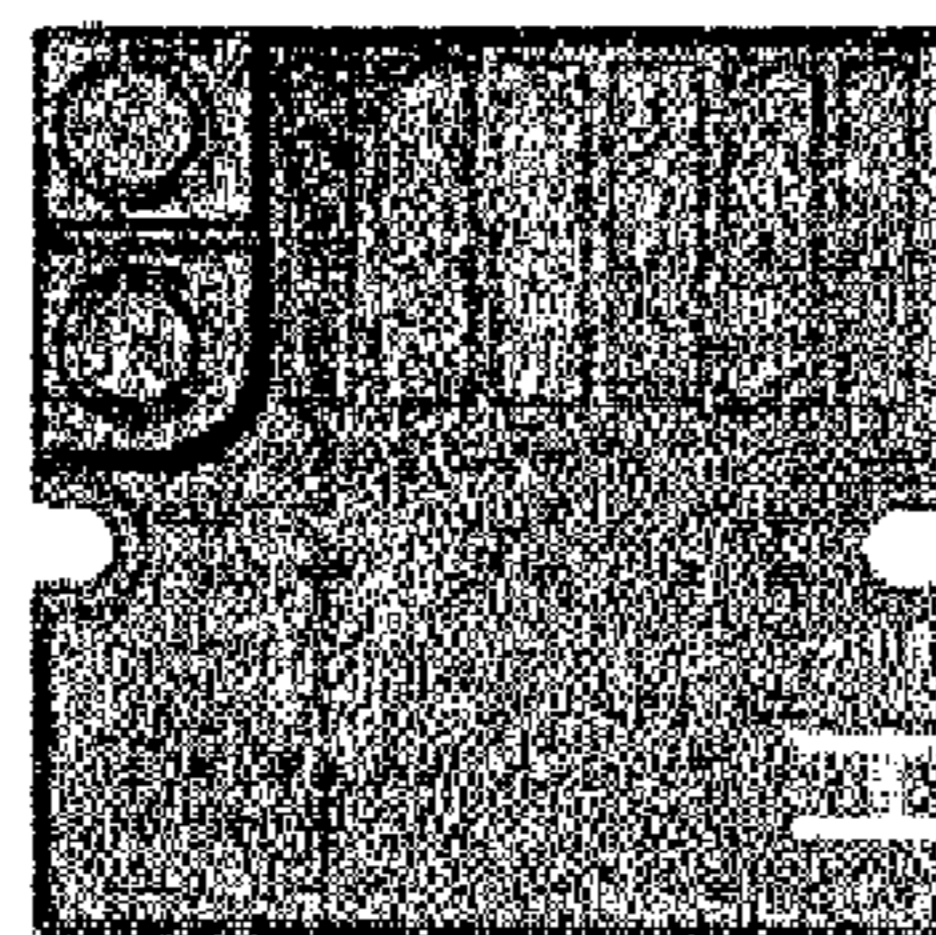
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Sheet 1 of 4

D542,403 S

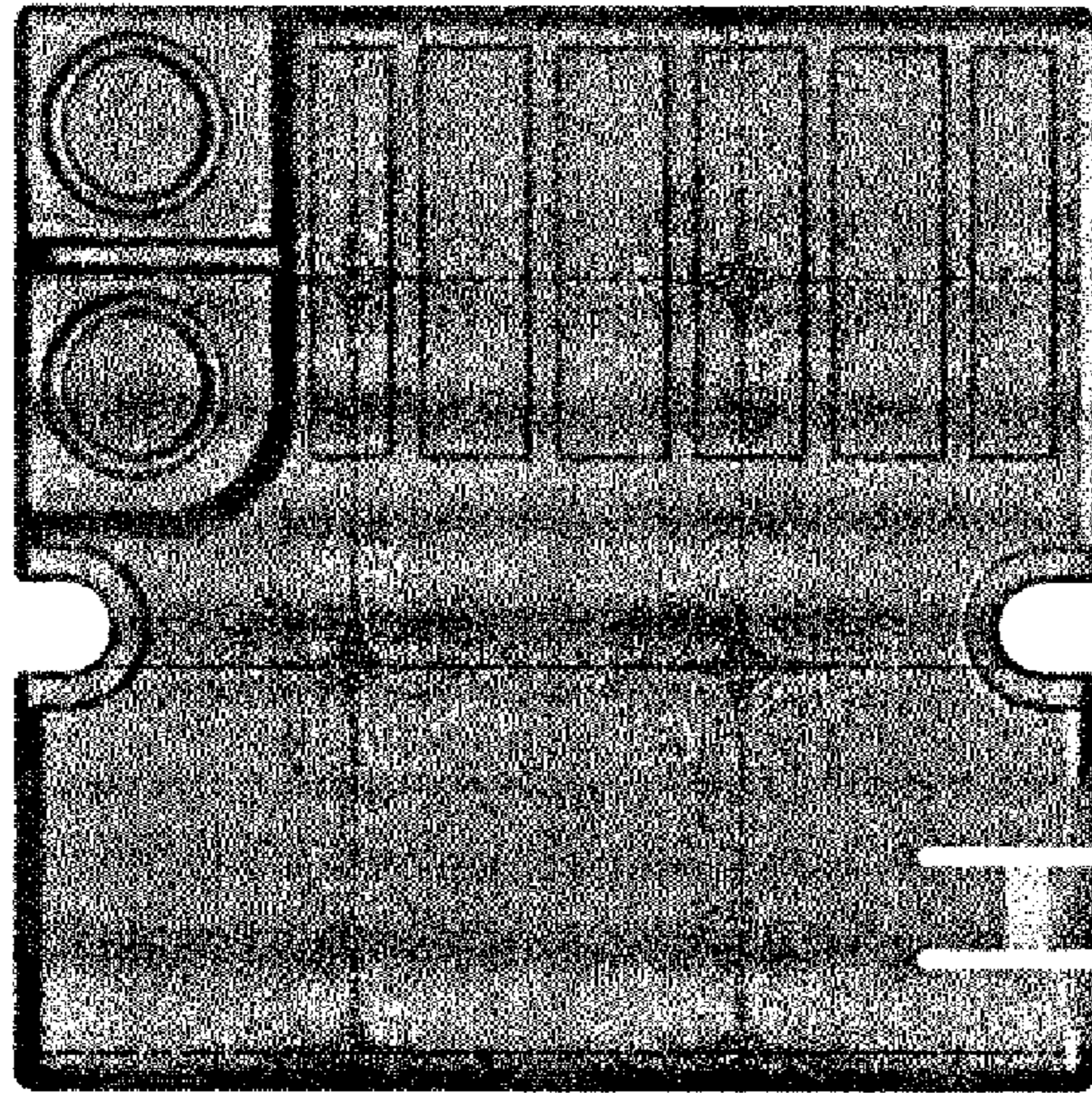


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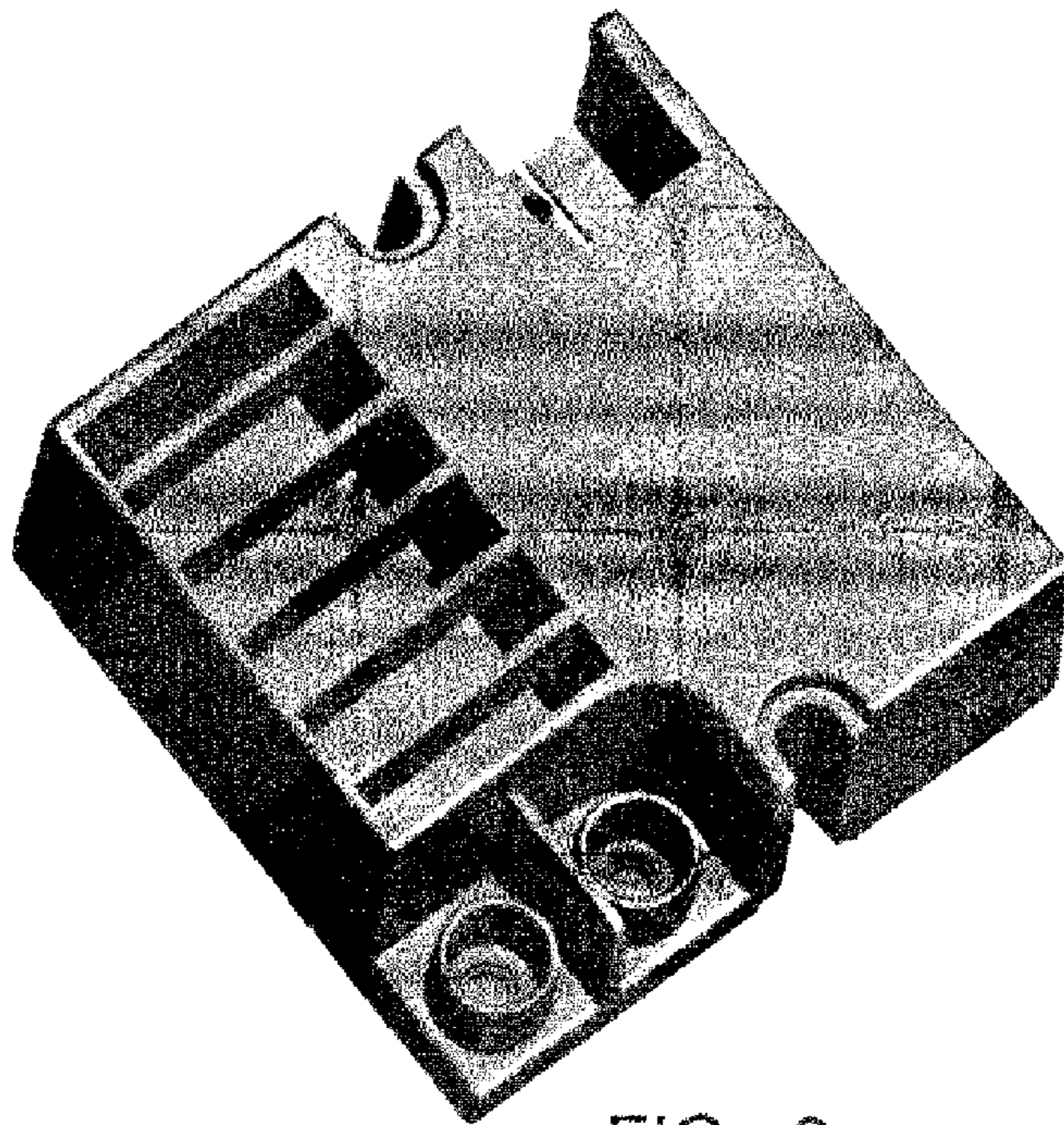


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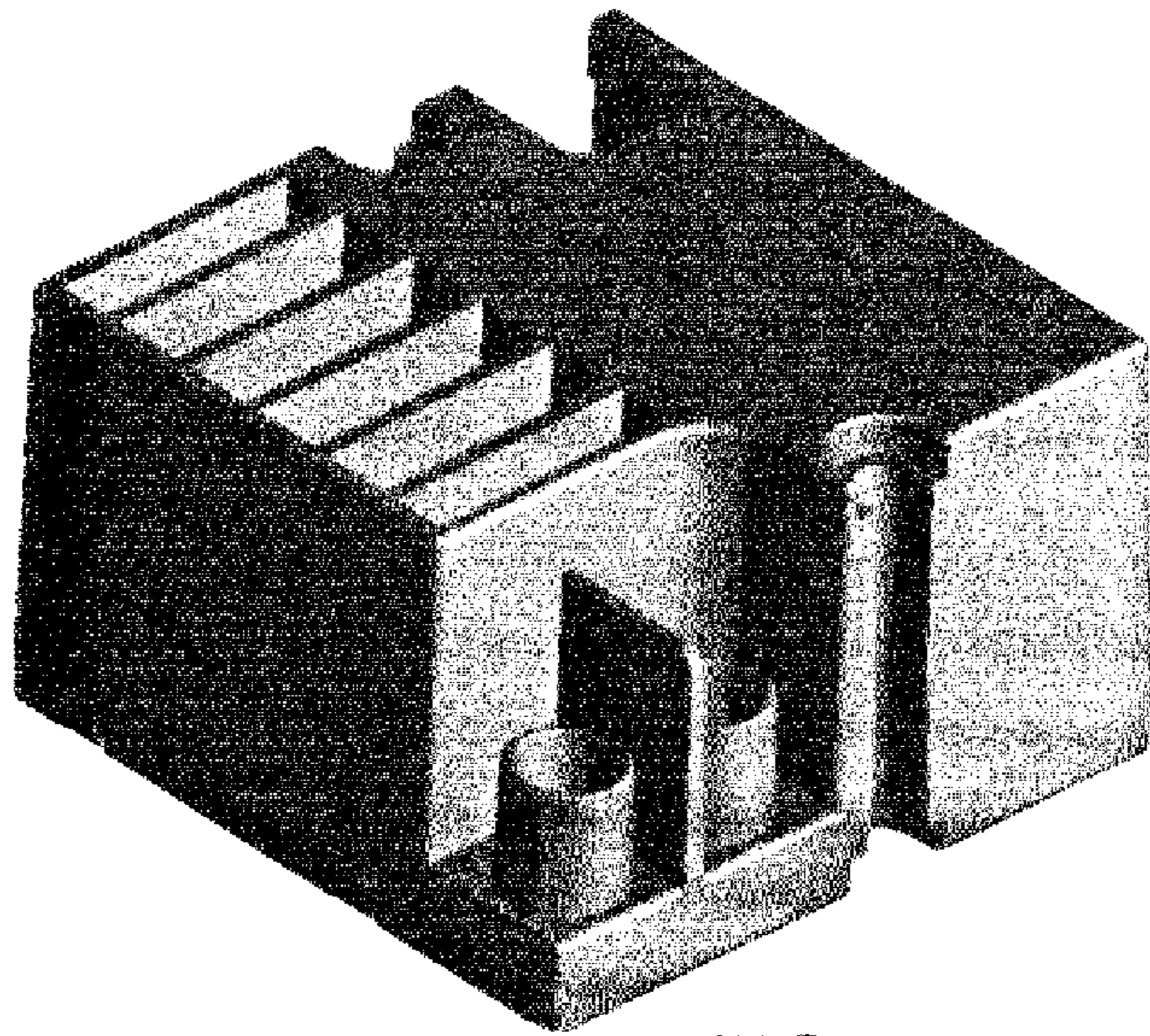


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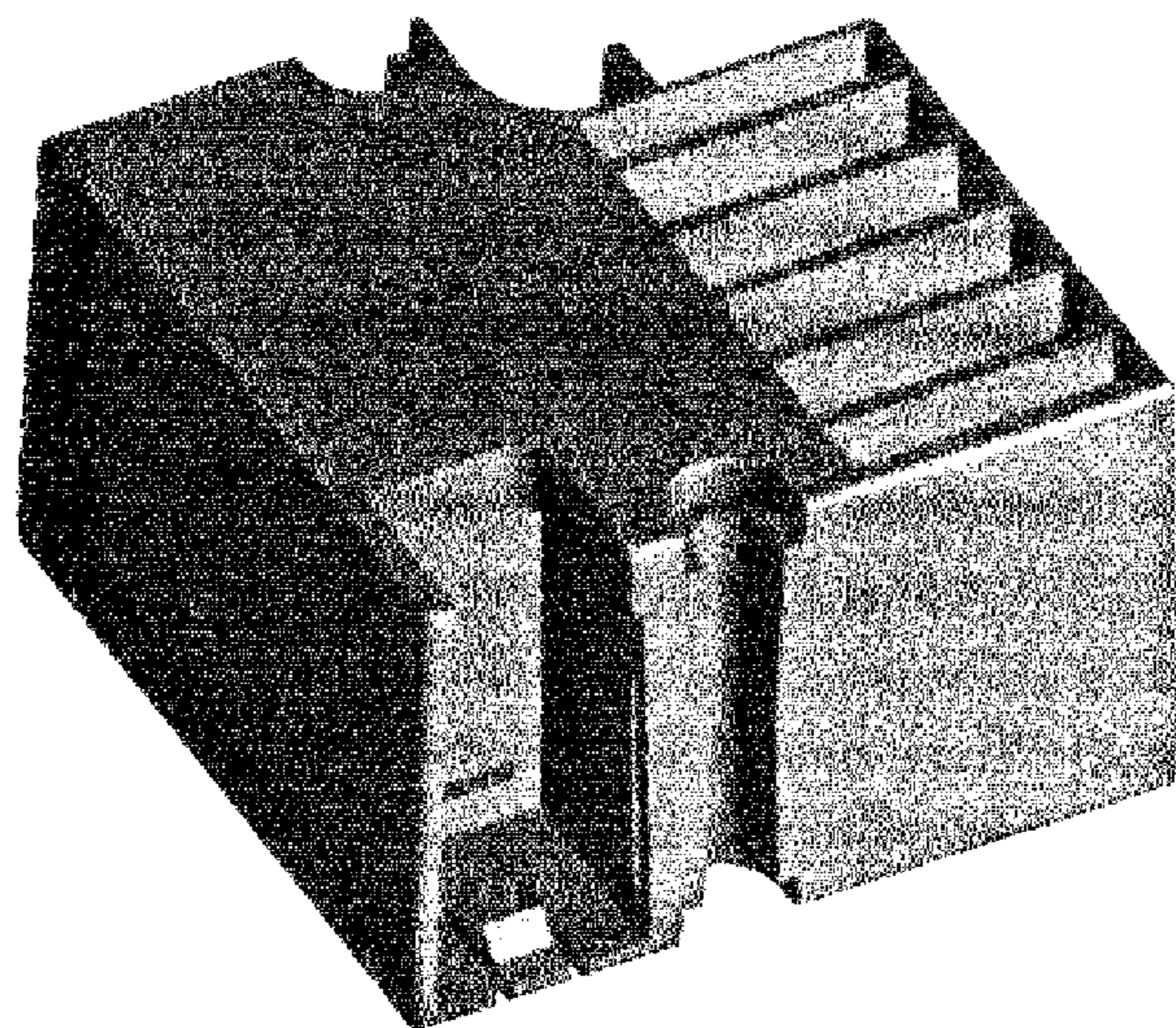


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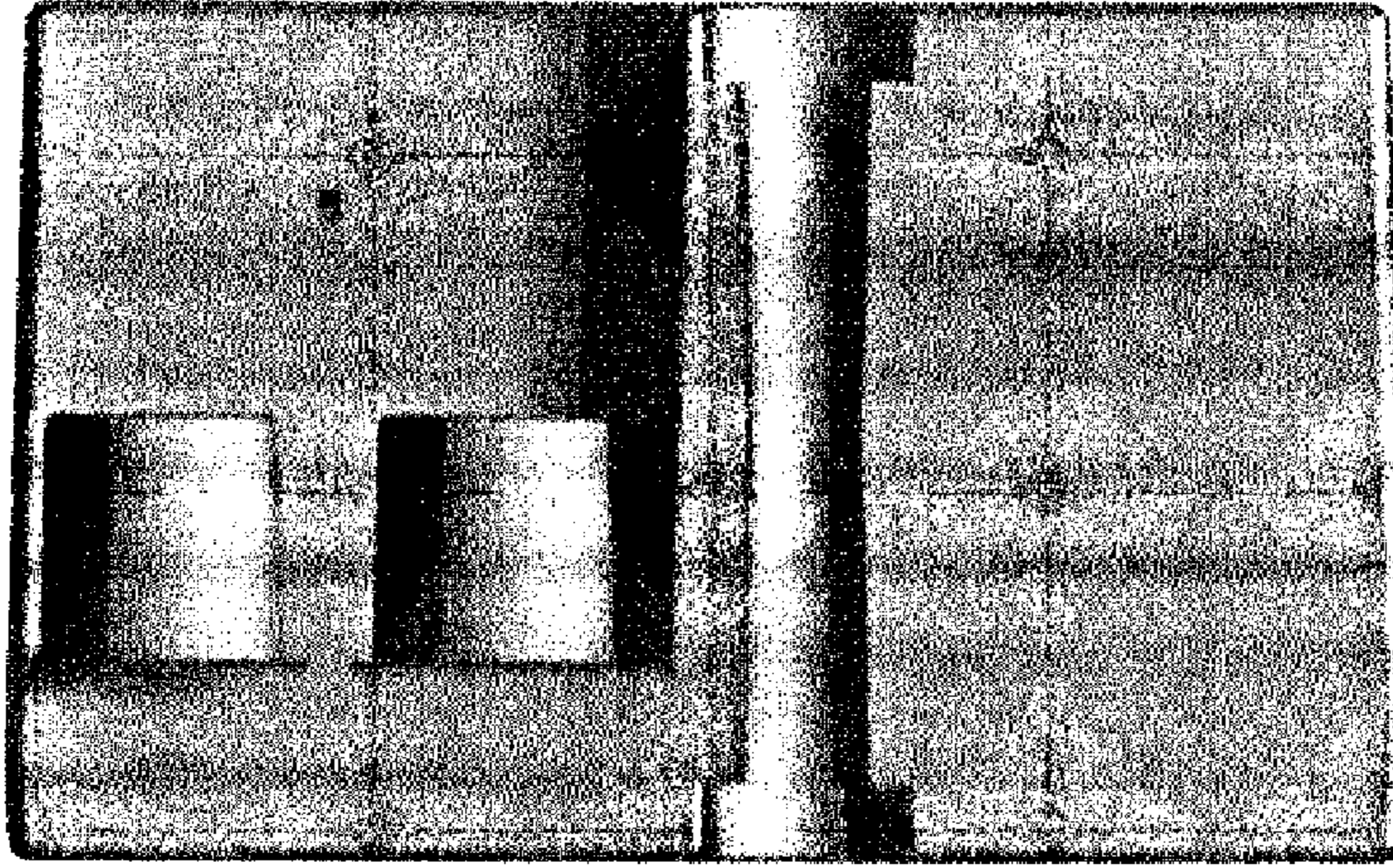


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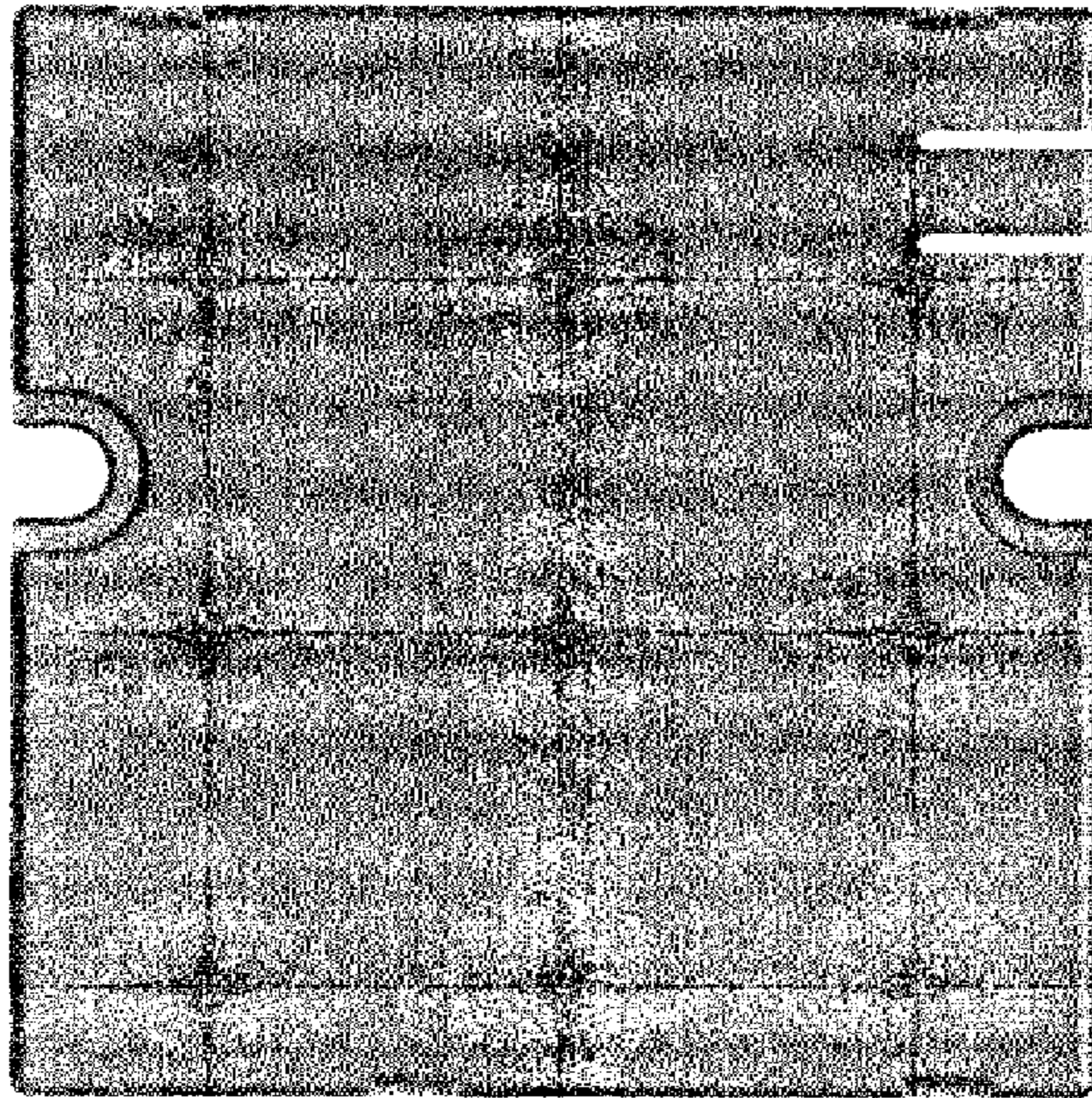
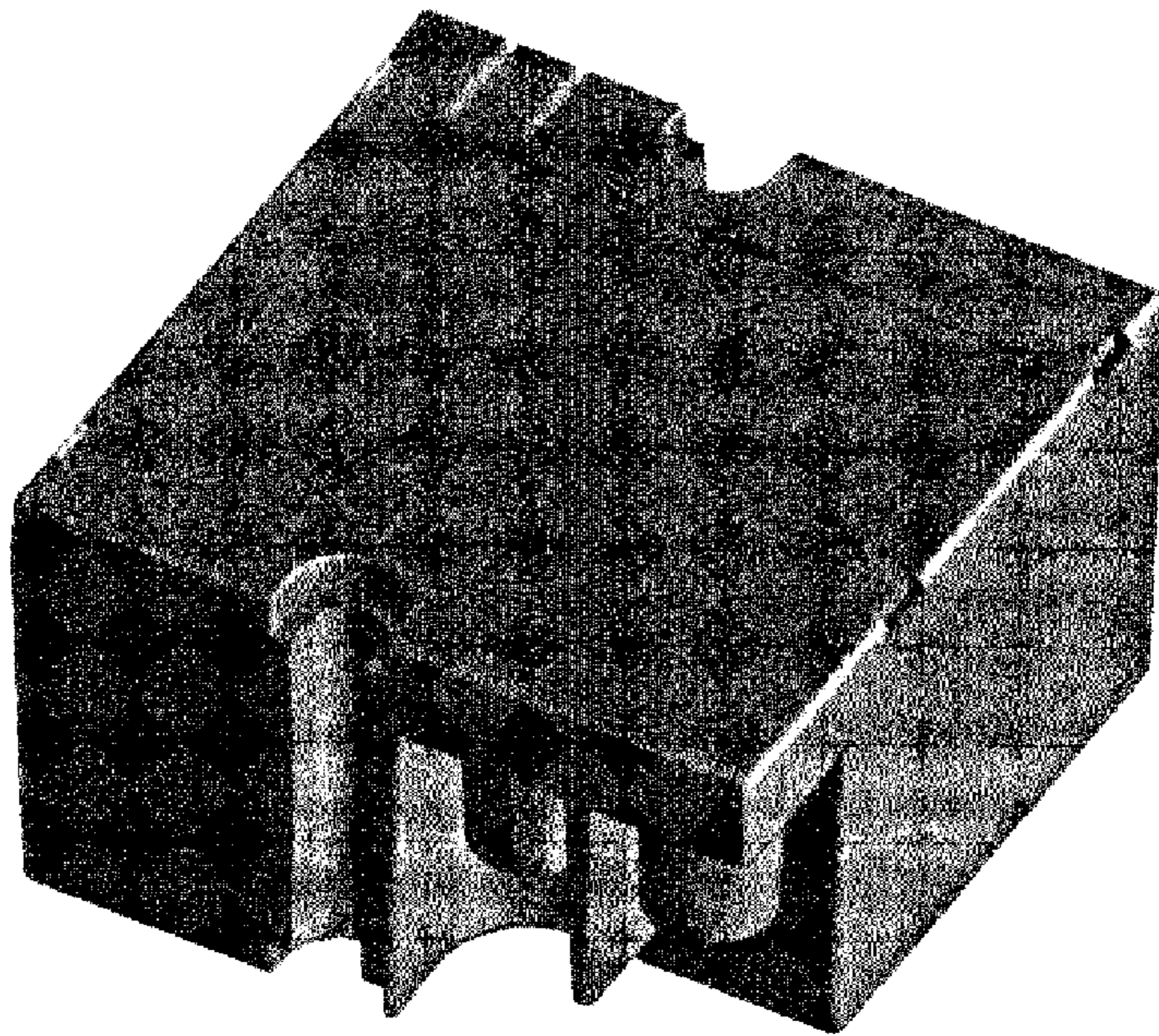


FIG. 6



**FIG. 7**