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

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(45) **Date of Patent:** **\*\* Feb. 5, 2002**

(54) **VACUUM PROCESSING EQUIPMENT CONFIGURATION**

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(List continued on next page.)

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(73) Assignee: **Hitachi, Ltd.**, Tokyo (JP)

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

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(21) Appl. No.: **29/099,072**

(22) Filed: **Jan. 12, 1999**

R.P.H. Chang, "Multipurpose plasma reactor for materials research and processing", J. Vac. Sci. Technol., vol. 14, No. 1, Jan./Feb. 1977, pp. 278-280.

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**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/061,062, filed on Apr. 16, 1998, now Pat. No. 5,950,330, which is a continuation of application No. 08/882,731, filed on Jun. 26, 1997, now Pat. No. 5,784,799, which is a division of application No. 08/593,870, filed on Jan. 30, 1996, now Pat. No. 5,661,913, which is a continuation of application No. 08/443,039, filed on May 17, 1995, now Pat. No. 5,553,396, which is a division of application No. 08/302,443, filed on Sep. 9, 1994, now Pat. No. 5,457,896, which is a continuation of application No. 08/096,256, filed on Jul. 26, 1993, now Pat. No. 5,349,762, which is a continuation of application No. 07/751,951, filed on Aug. 29, 1991, now Pat. No. 5,314,509.

(57) **CLAIM**

The ornamental design for a vacuum processing equipment configuration, as shown and described.

(30) **Foreign Application Priority Data**

Aug. 22, 1990 (JP) ..... 1-225321

(51) **LOC (7) Cl.** ..... **15-05**

(52) **U.S. Cl.** ..... **D32/1**

(58) **Field of Search** ..... 34/406, 229, 92,  
34/228; 134/902

**DESCRIPTION**

FIG. 1 is front, top and left side perspective view of cassettes storage equipment in relation to a conveyor equipped robot and load and unload chambers showing our new design;

FIG. 2 is a top plan view;

FIG. 3 is a front side elevational view;

FIG. 4 is a right side elevational view;

FIG. 5 is a rear side elevational view;

FIG. 6 is a left side elevational view;

FIG. 7 is a bottom plan view; and,

FIG. 8 is a right side elevational view along line 8—8 of FIG. 2.

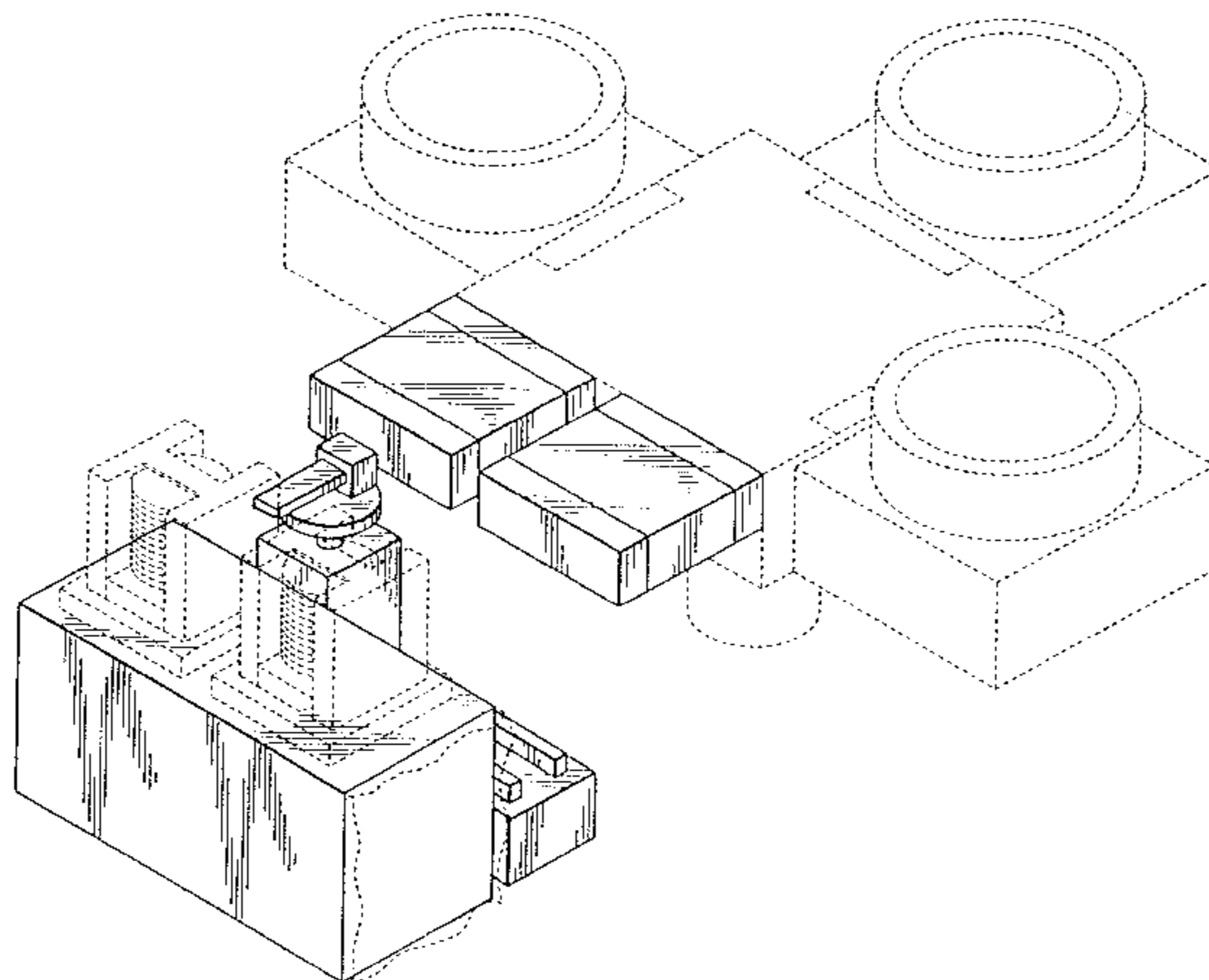
The details shown in broken lines in all views is for illustrative purposes only and form no part of the claimed design.

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**1 Claim, 5 Drawing Sheets**



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*FIG. 1*

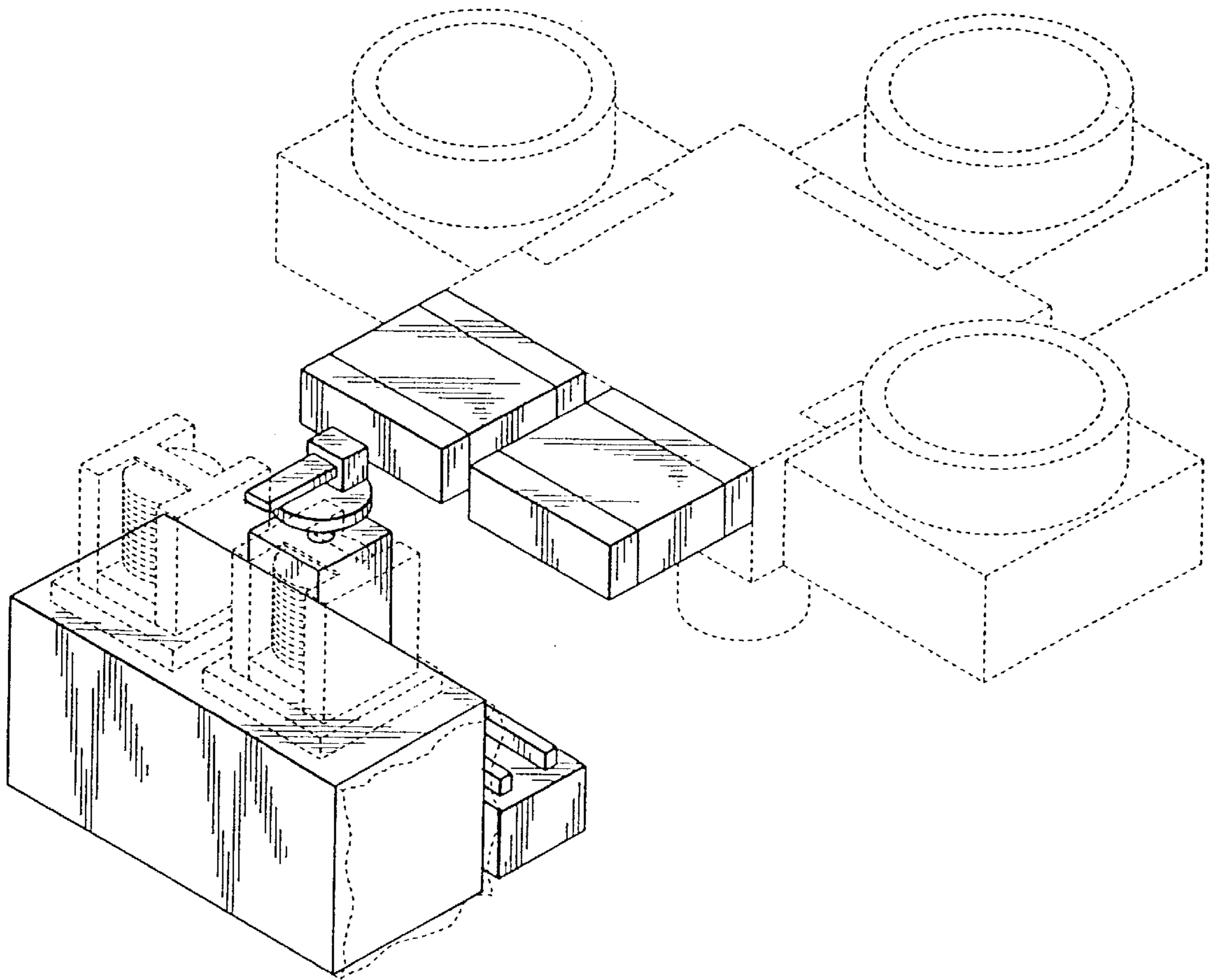


FIG. 2

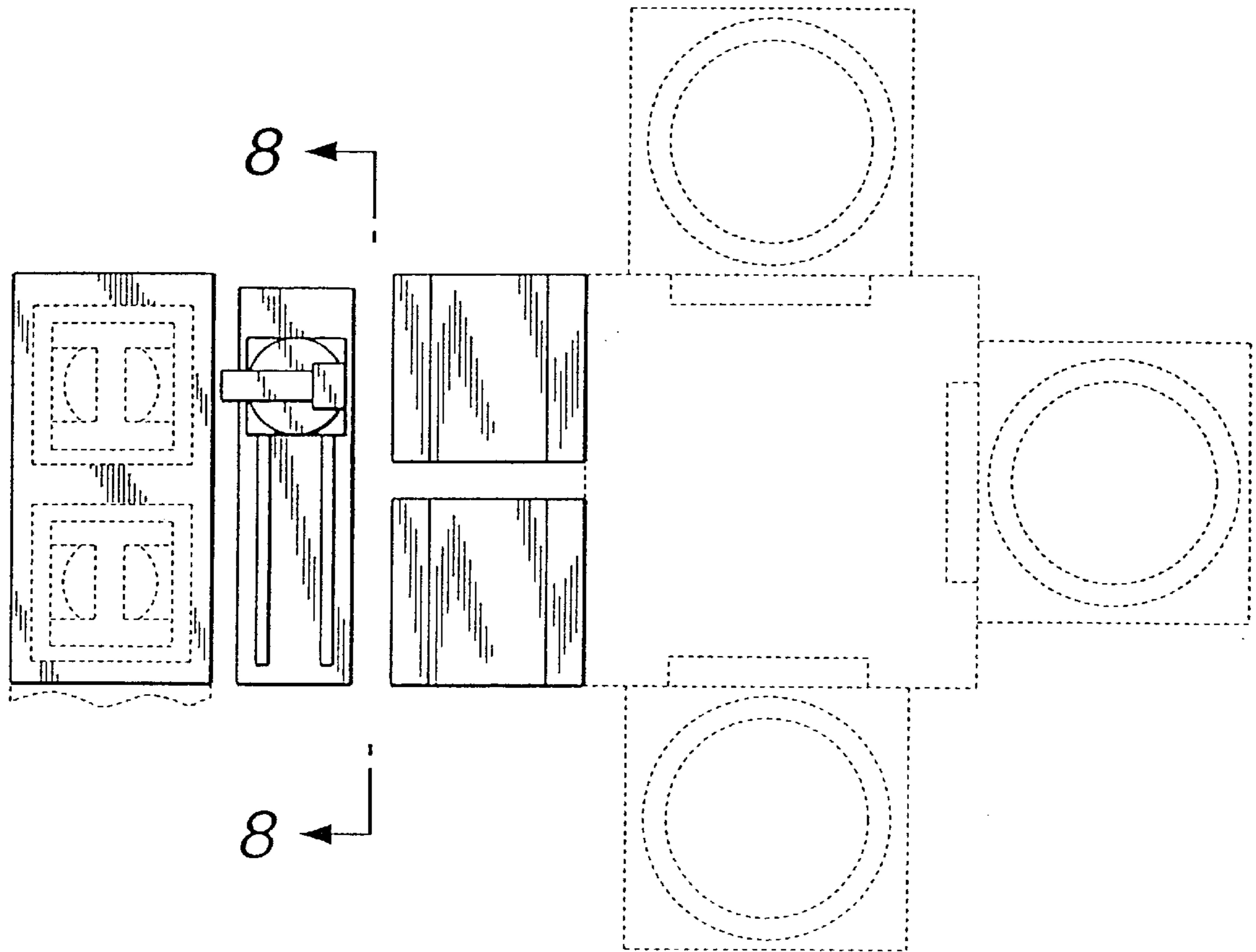


FIG. 3

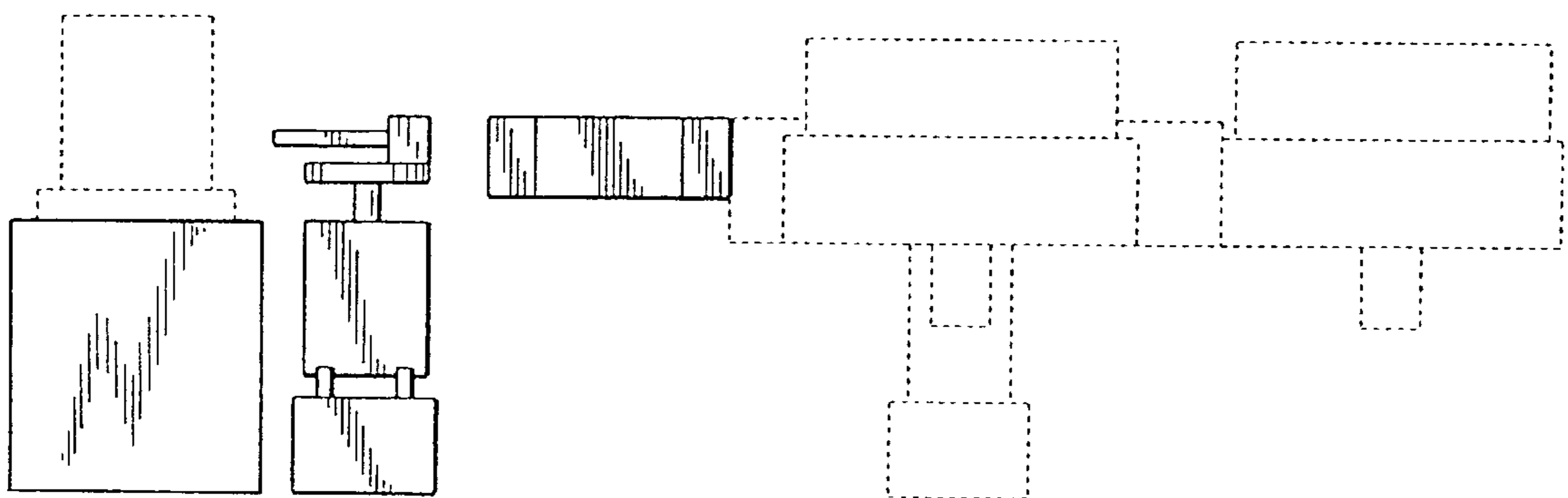


FIG. 4

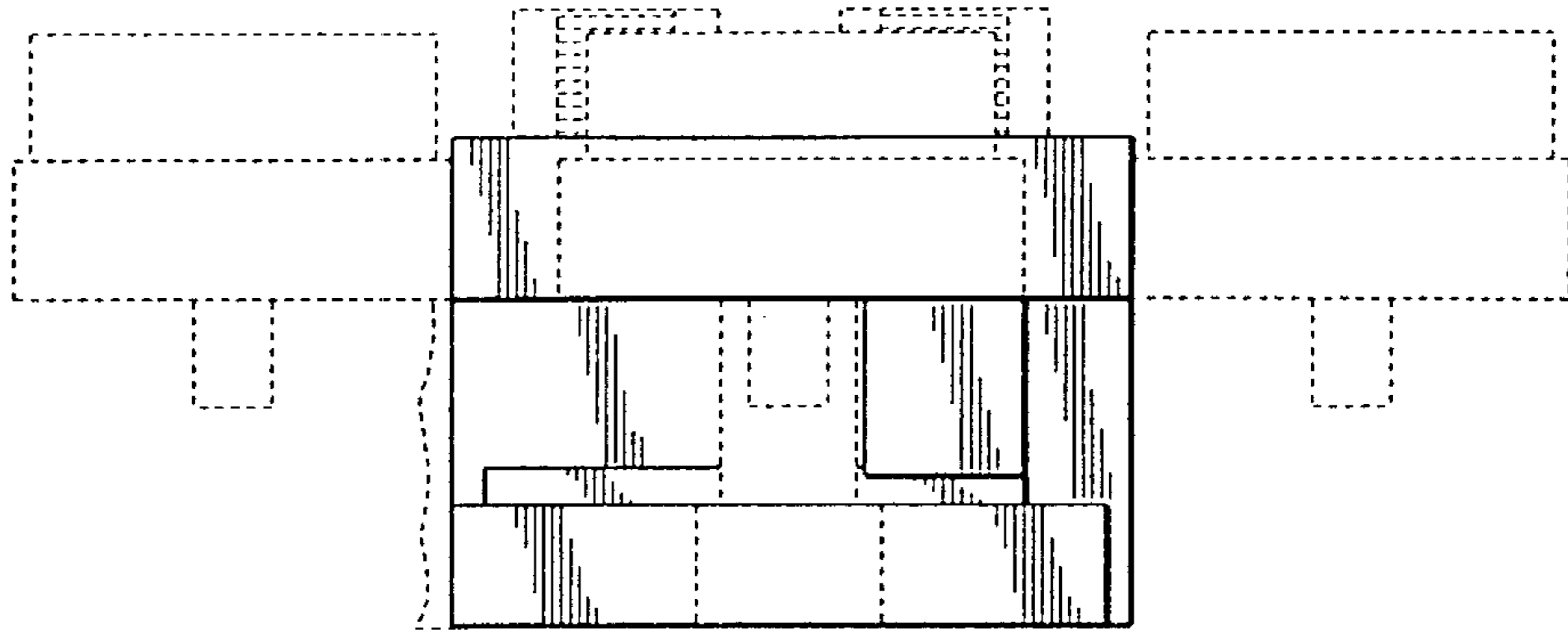


FIG. 5

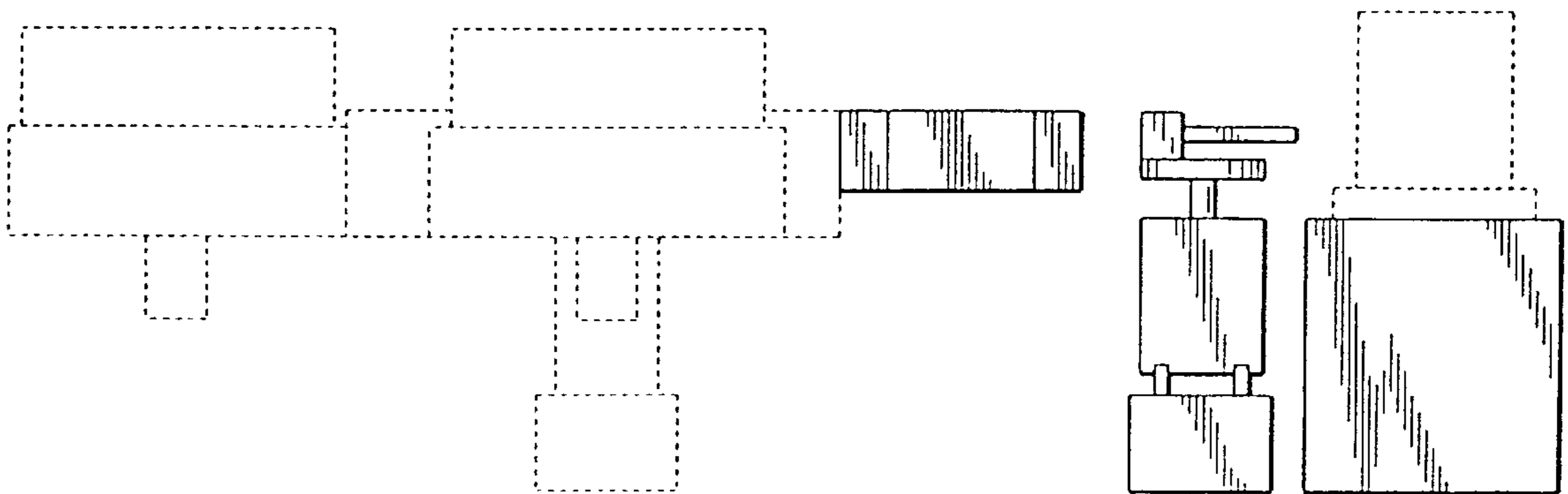


FIG. 6

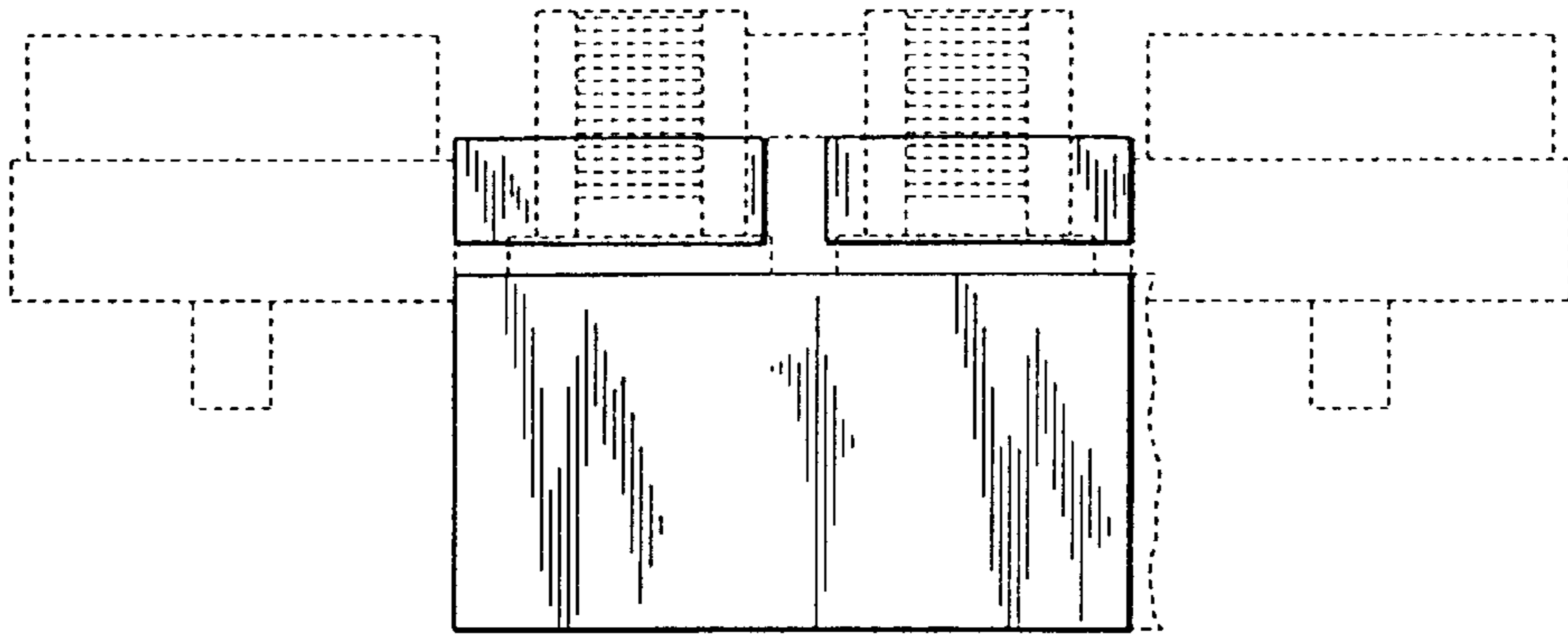
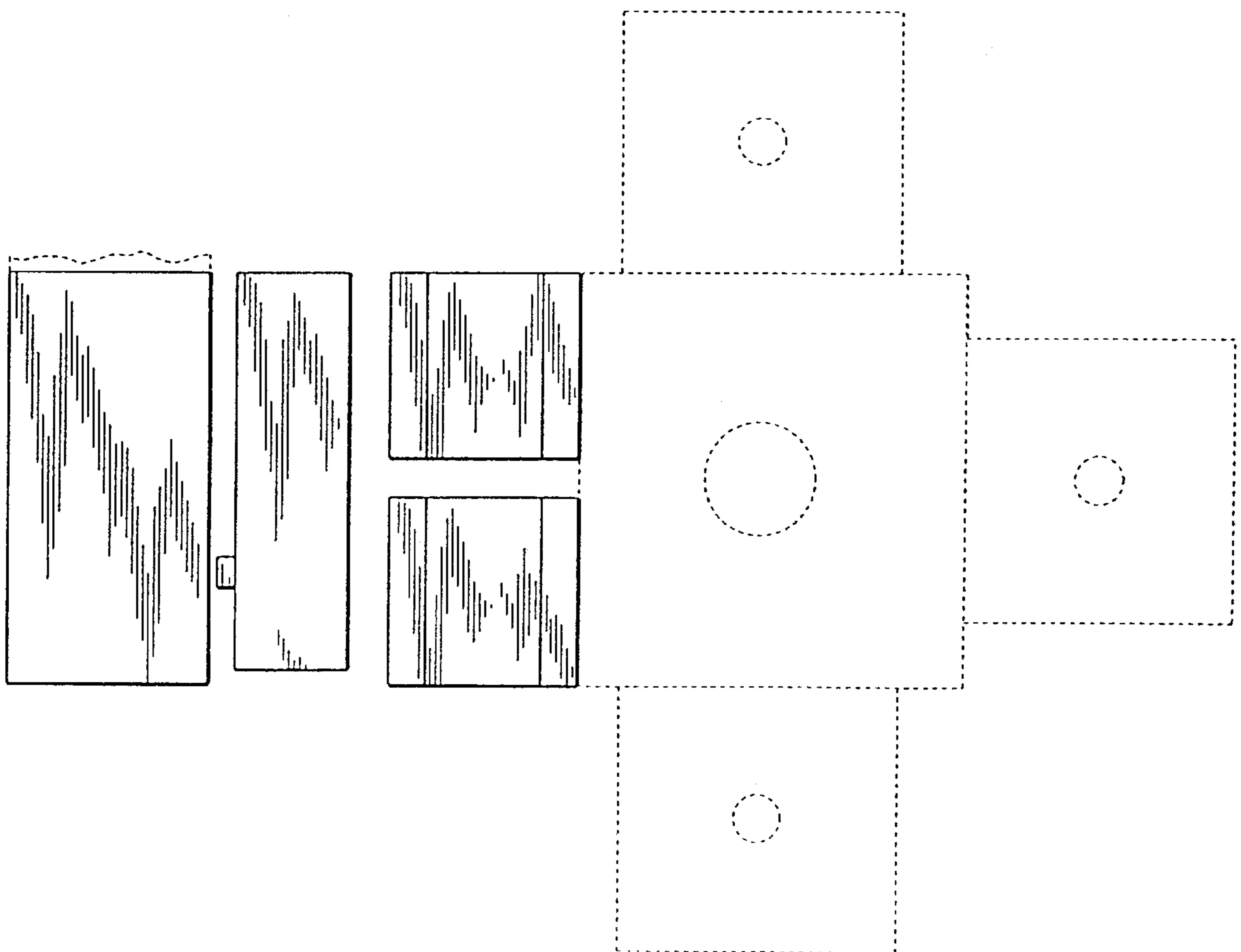


FIG. 7



*FIG. 8*

