



US00D370096S

United States Patent [19]

Niemela et al.

[11] Patent Number: **Des. 370,096**

[45] Date of Patent: ****May 21, 1996**

[54] PARTS WASHER

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[73] Assignee: **Cuda Corporation**, Calumet, Mich.

[**] Term: **14 Years**

[21] Appl. No.: **29,771**

[22] Filed: **Oct. 14, 1994**

[52] U.S. Cl. **D32/1**

[58] Field of Search D32/1; 134/167 R, 134/168 R, 169 A, 172, 184, 186, 188, 198

[56] References Cited

U.S. PATENT DOCUMENTS

D. 298,372	11/1988	Taylor, Jr.	D32/1
D. 301,779	6/1989	Giles et al.	D32/1
D. 306,223	2/1990	Muirhead et al.	D32/1
D. 339,666	9/1993	Knowlton	D32/1
D. 341,683	11/1993	Angle et al.	D32/1
1,115,994	11/1914	Williams .	
2,385,150	9/1945	Miller .	
2,573,008	10/1951	Gorden .	
2,627,863	2/1953	Cavicchioli .	
2,643,659	6/1953	Auten .	
2,651,311	9/1953	Rule .	
2,687,137	8/1954	Kramer et al. .	
2,940,458	6/1960	Speckman .	
3,076,468	2/1963	Belt .	
3,117,583	1/1964	Hearn et al. .	
3,133,547	5/1964	Dannenmann et al. .	
3,416,544	12/1968	Paiva .	
3,460,550	8/1969	Zanussi .	
3,580,261	5/1971	Key .	
3,624,750	11/1971	Peterson .	
3,776,246	12/1973	Ballard .	
4,052,227	10/1977	Delo et al. .	
4,056,260	11/1977	David .	
4,143,669	3/1979	Minkin .	

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

1907295 6/1970 Germany .

145929	3/1931	Switzerland .
437252	5/1935	United Kingdom .
1080168	8/1967	United Kingdom .
1605046	12/1981	United Kingdom .

OTHER PUBLICATIONS

Exhibit E is a product brochure entitled "No Solvents Aqueous Parts Cleaning—Clam—Mini—Wash," published by G.M.F. Industries, Inc., Lakeland, Florida, disclosing an automatic high pressure spray cleaning cabinet, published prior to Oct. 14, 1993.

Exhibit A is a product brochure entitled "Kansas Instruments D-30S Spraycab," published by Kansas Instruments, Council Grove, Kansas, publication date Jun. 1992, disclosing an automatic high pressure spray cleaning cabinet.

Exhibit B is a product brochure entitled "Kansas Instruments Model SC & SKS 2233 Spraycab Systems," published by Kansas Instruments, Council Grove, Kansas, publication date Feb. 1992, Disclosing an automatic high pressure spray cleaning cabinet.

Exhibit C is a product brochure entitled "Kansas Instruments D-54 Spraycab," published by Kansas Instruments, Council Grove, Kansas, publication date Jun. 1992, disclosing an automatic high pressure spray cleaning cabinet.

Exhibit D is a product brochure entitled "Jet Washing—The Purifiers," published by Better Engineering Mfg., Inc., Baltimore, Maryland, publication date 1992, disclosing an automatic high pressure spray cleaning cabinet.

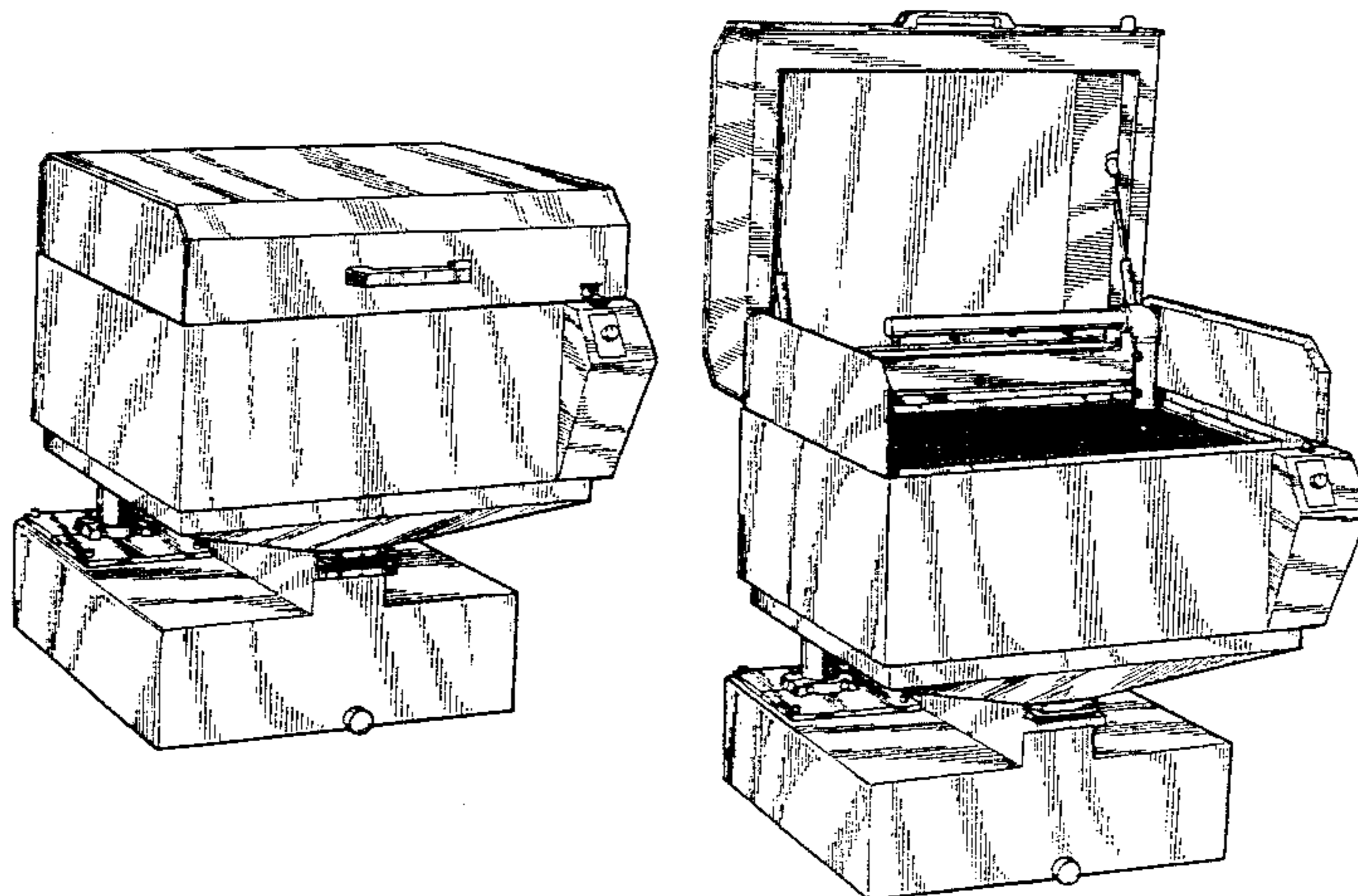
Exhibit F is a product brochure entitled "HydroBlast," published by Hydro-Blast, Inc., Vancouver, Washington, disclosing an automatic high pressure spray cleaning cabinet. ©1993.

Exhibit G is a product brochure entitled "Hotsy Tubs," published by The Hotsy Corporation, Englewood, Colorado, publication date Feb. 1993, disclosing an automatic high pressure spray cleaning cabinet.

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Attorney, Agent, or Firm—Van Dyke, Gardner, Linn & Burkhart

[57] CLAIM

The ornamental design for a parts washer, as shown and described.



DESCRIPTION

FIG. 1 is a perspective view of a parts washer showing my new design, the parts washer being shown with the cover in a closed position;
FIG. 2 is a front elevational view of the parts washer as shown in FIG. 1;
FIG. 3 is a right side elevational view of the parts washer as shown in FIG. 1;
FIG. 4 is a left side elevational view of the parts washer as shown in FIG. 1;
FIG. 5 is a rear elevational view of the parts washer as shown in FIG. 1;
FIG. 6 is a top elevational view of the parts washer as shown in FIG. 1;
FIG. 7 is a perspective view of the parts washer shown in FIG. 1 with the cover of the parts washer being in an open position;
FIG. 8 is a front elevational view of the parts washer as shown in FIG. 7;
FIG. 9 is a right side elevational view of the parts washer as shown in FIG. 7; and,
FIG. 10 is a top view of the parts washer as shown in FIG. 7.

1 Claim, 5 Drawing Sheets

U.S. PATENT DOCUMENTS

4,170,240	10/1979	Gentry .
4,213,475	7/1980	Minkin .
4,217,920	8/1980	Ballard .
4,326,556	4/1982	Deutsch et al. .
4,440,185	4/1984	Wiltse .
4,529,032	7/1985	Molitor .
4,651,762	3/1987	Bowden .
4,739,782	4/1988	Nourie .
4,741,351	5/1988	Minkin .
4,744,379	5/1988	Goettel .
4,842,001	7/1989	O'Leary .
4,998,550	3/1991	Archambault .
5,107,876	4/1992	Ozyjiwsky .
5,129,411	7/1992	Lagerstrand .
5,154,200	10/1992	Hall, Sr. .
5,165,431	11/1992	Tromblee et al. .
5,213,117	5/1993	Yamamoto .
5,232,299	8/1993	Hiss .
5,265,633	11/1993	Knowlton .
5,277,208	1/1994	Mansur .
5,305,769	4/1994	Jung .
5,322,078	6/1994	Tuttle .

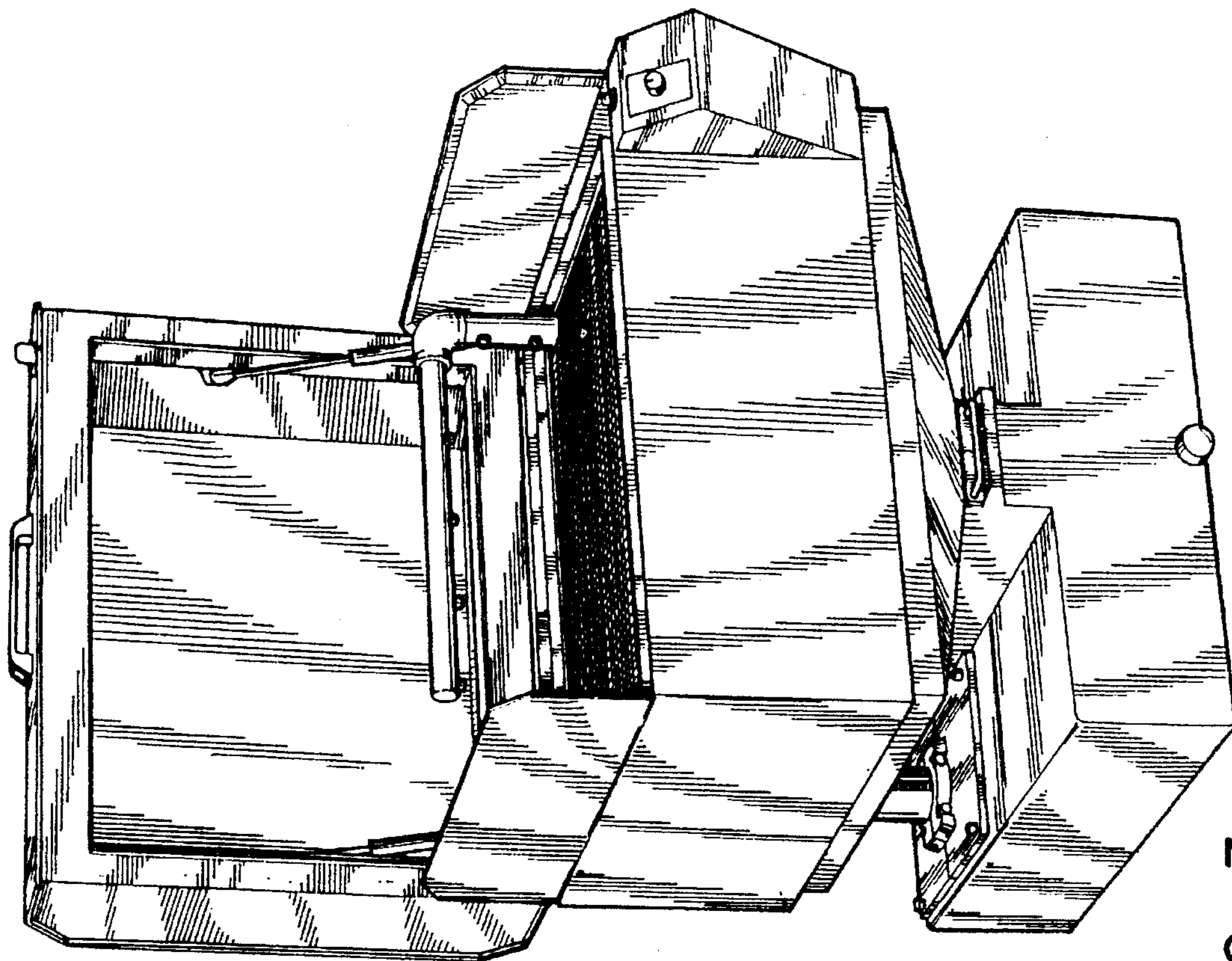


FIG. 7

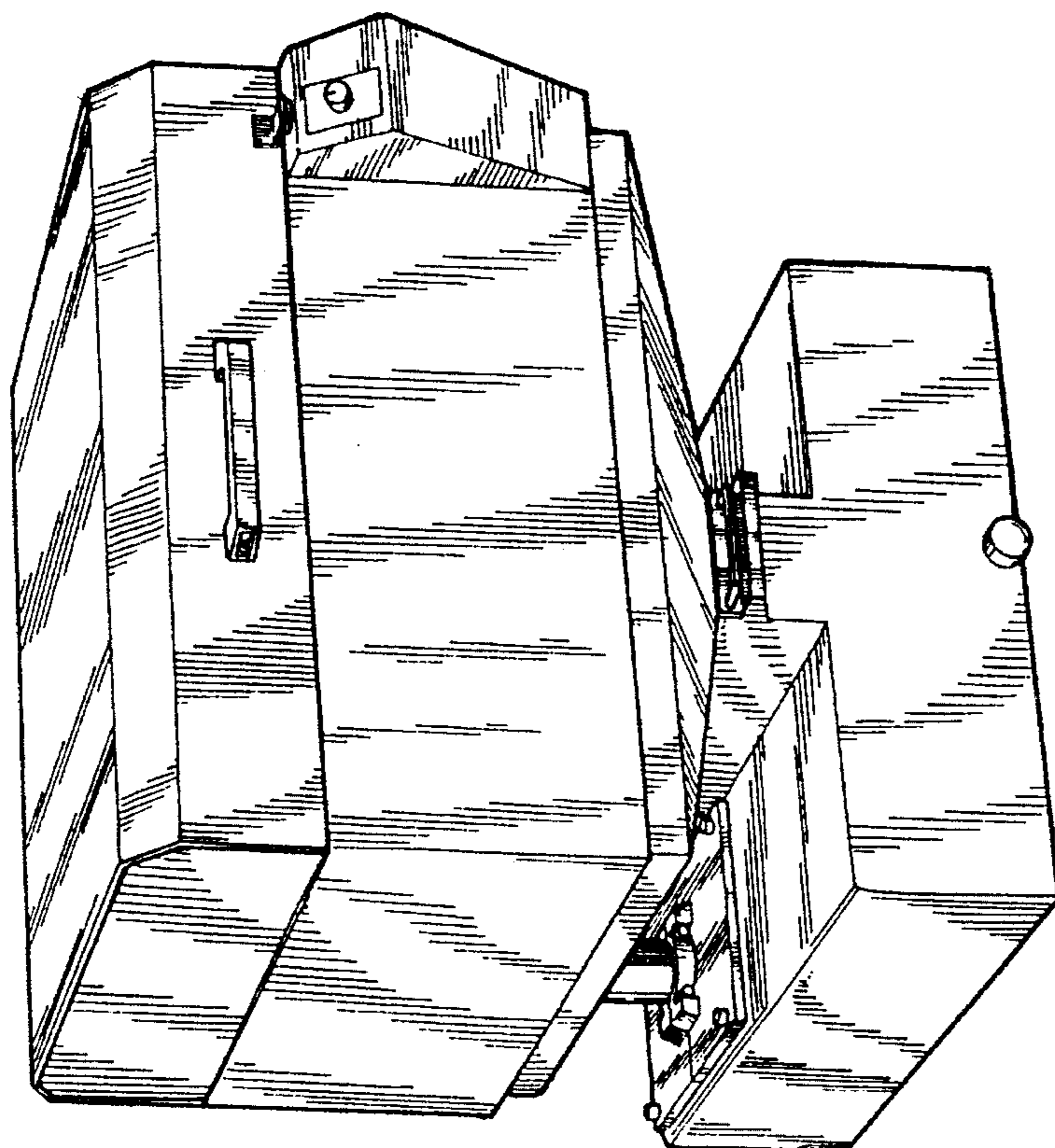


FIG. 1

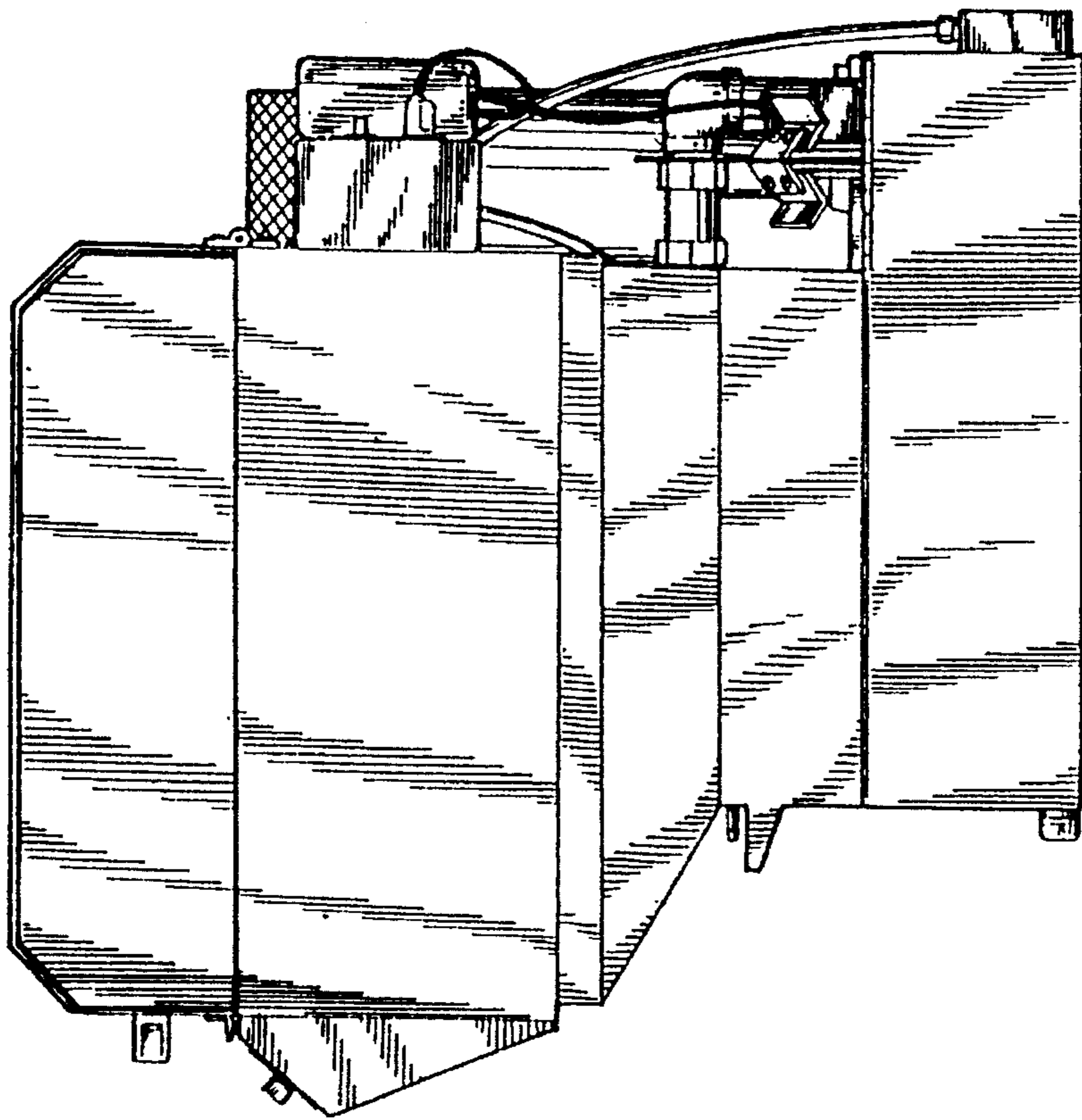


FIG. 3

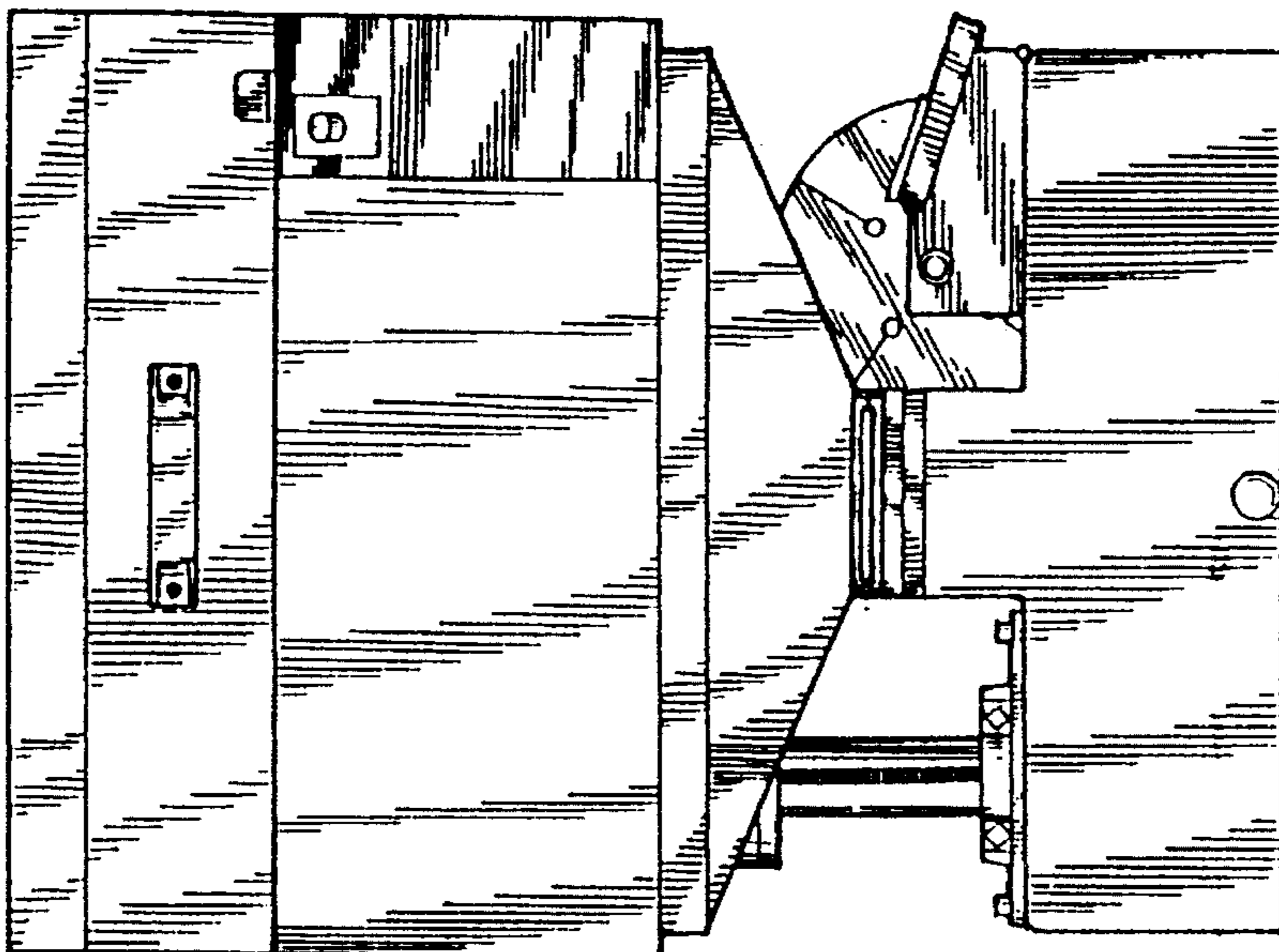


FIG. 2

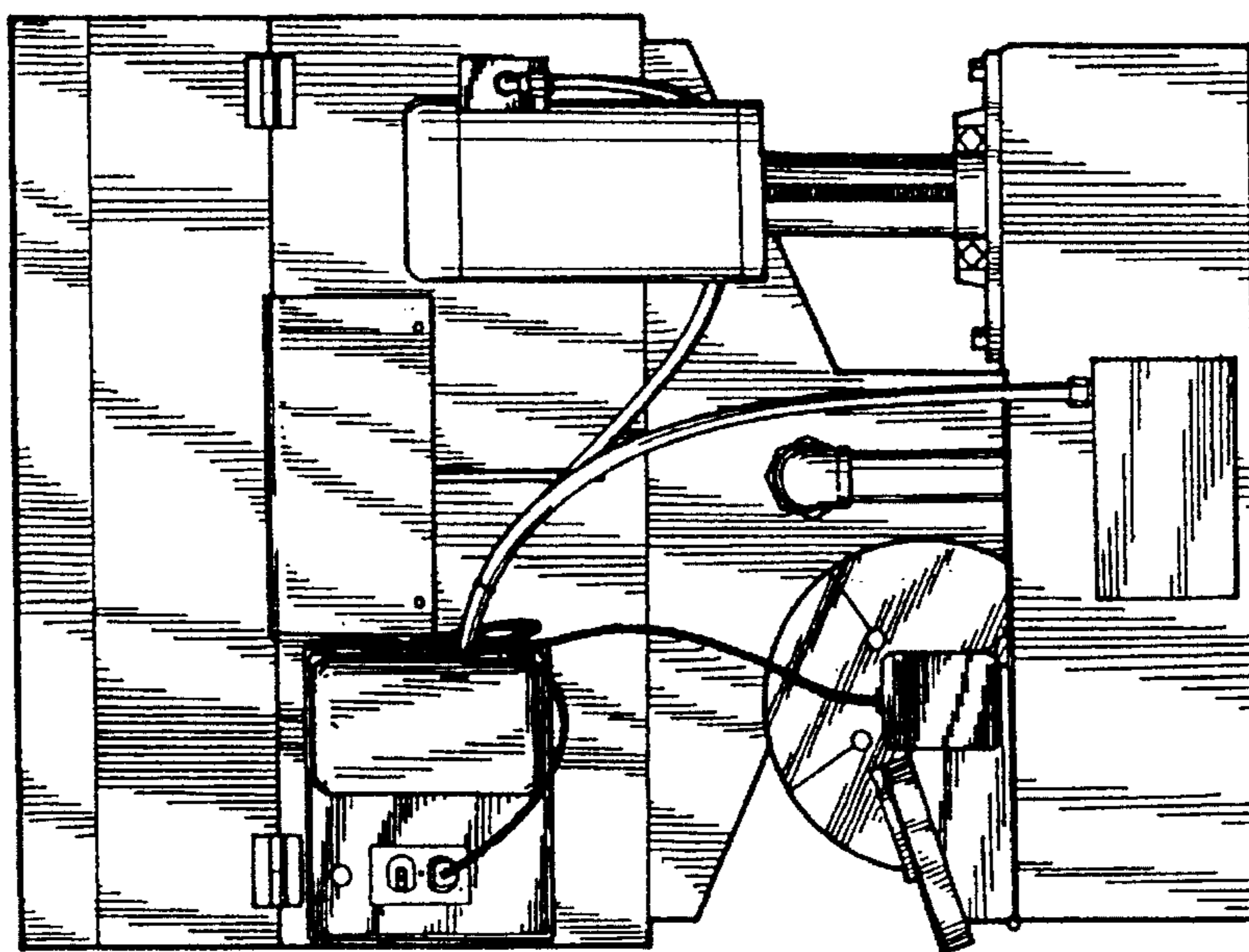


FIG. 5

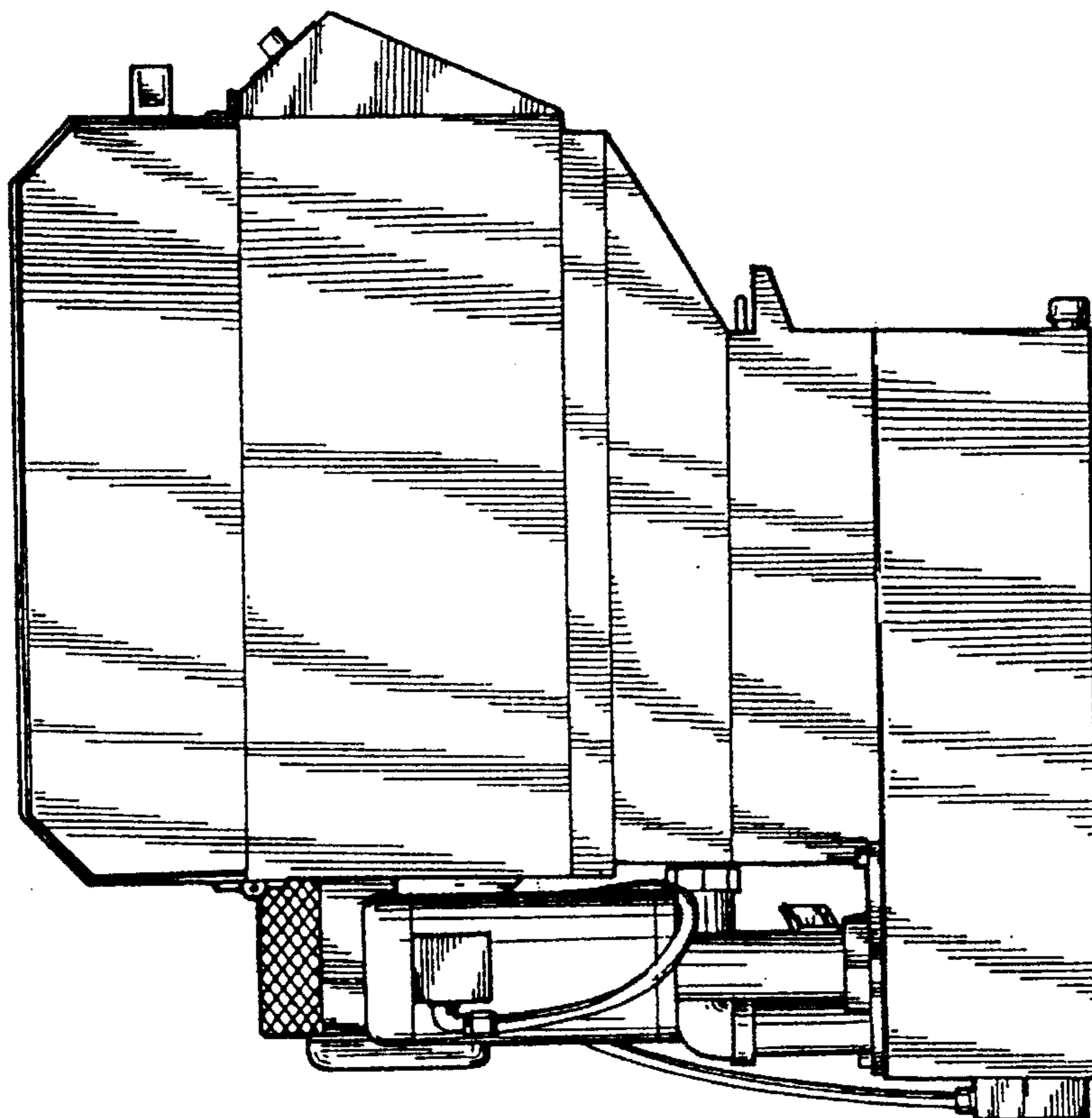


FIG. 4

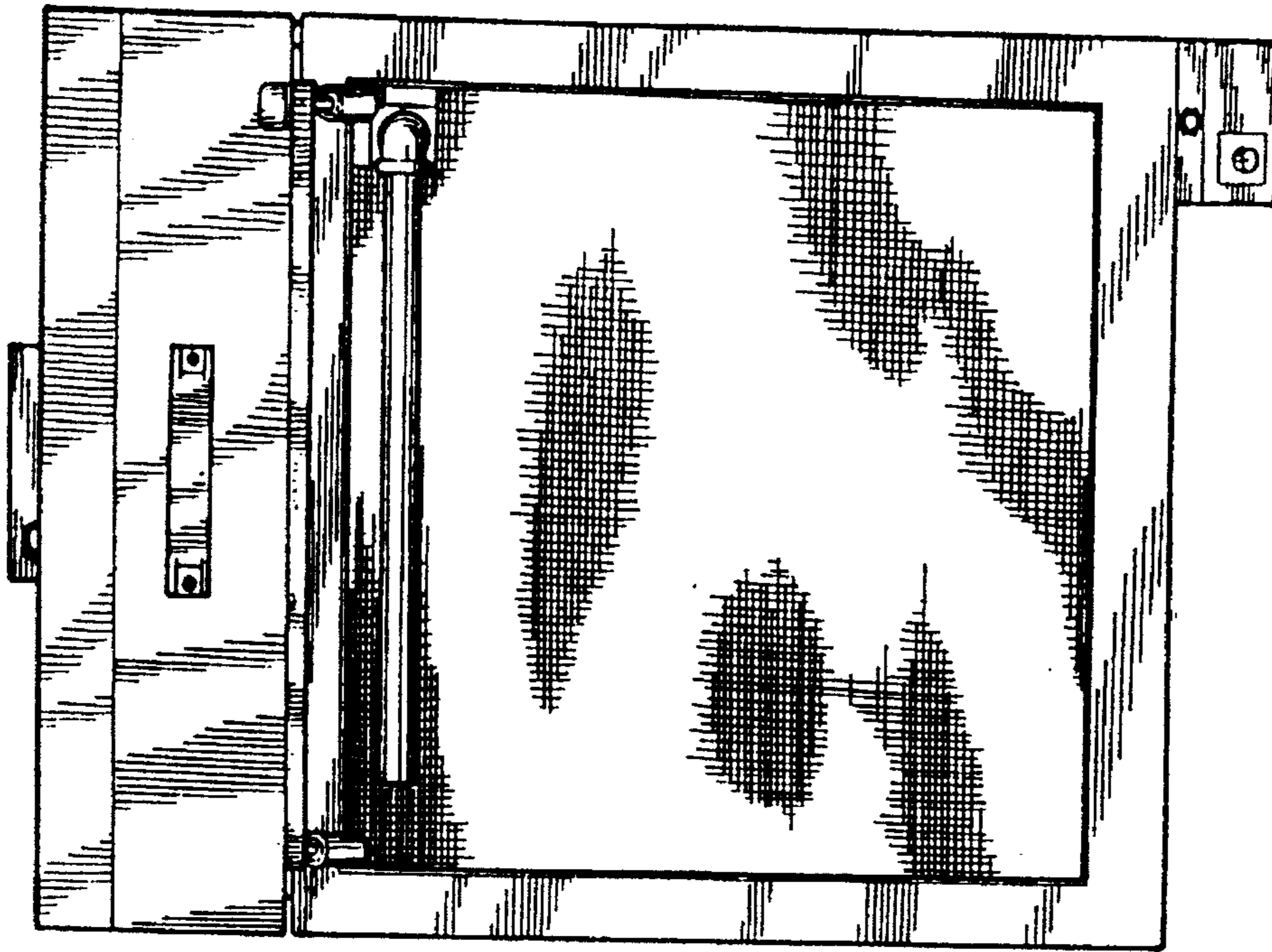


FIG. 10

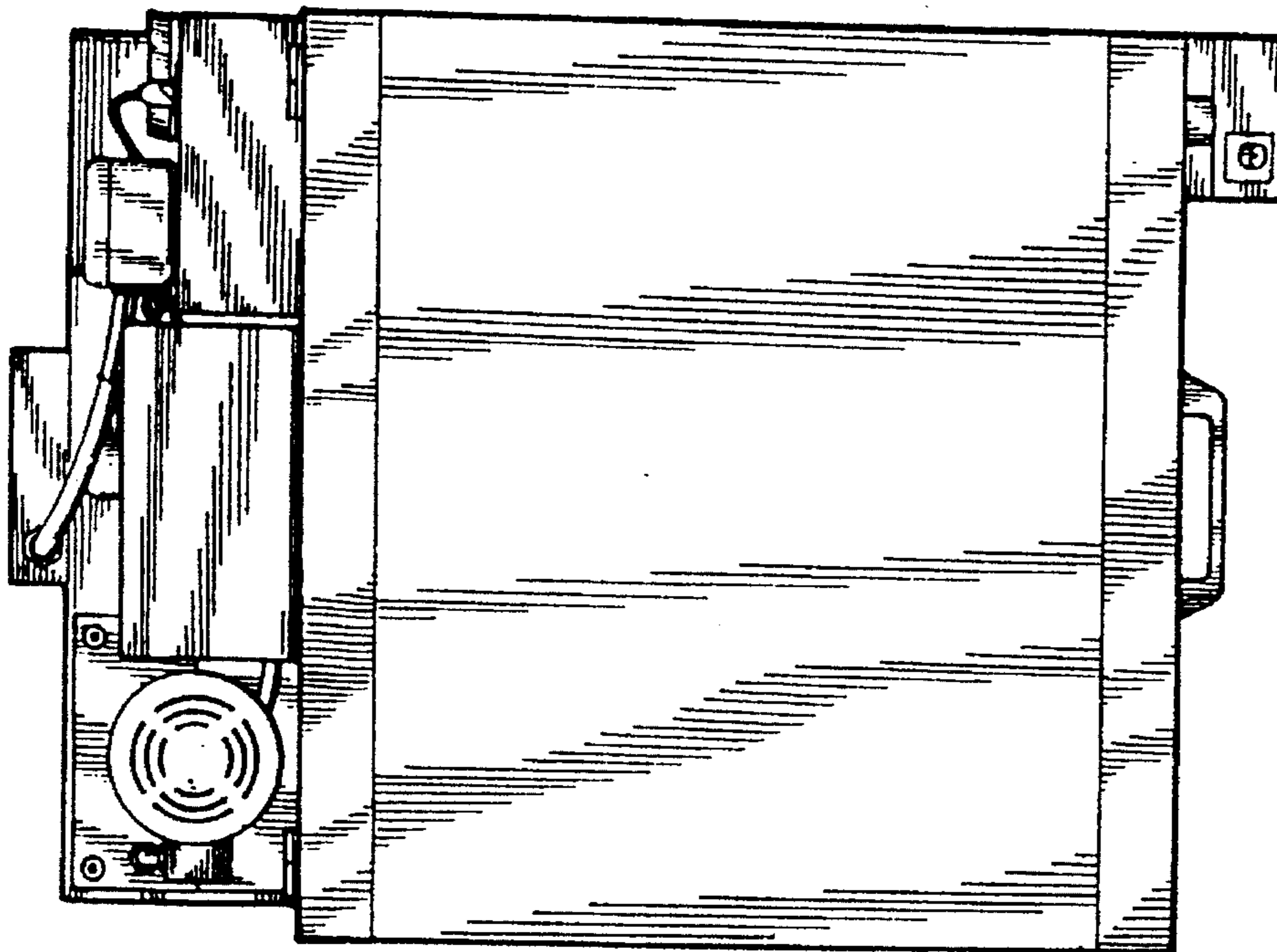


FIG. 6

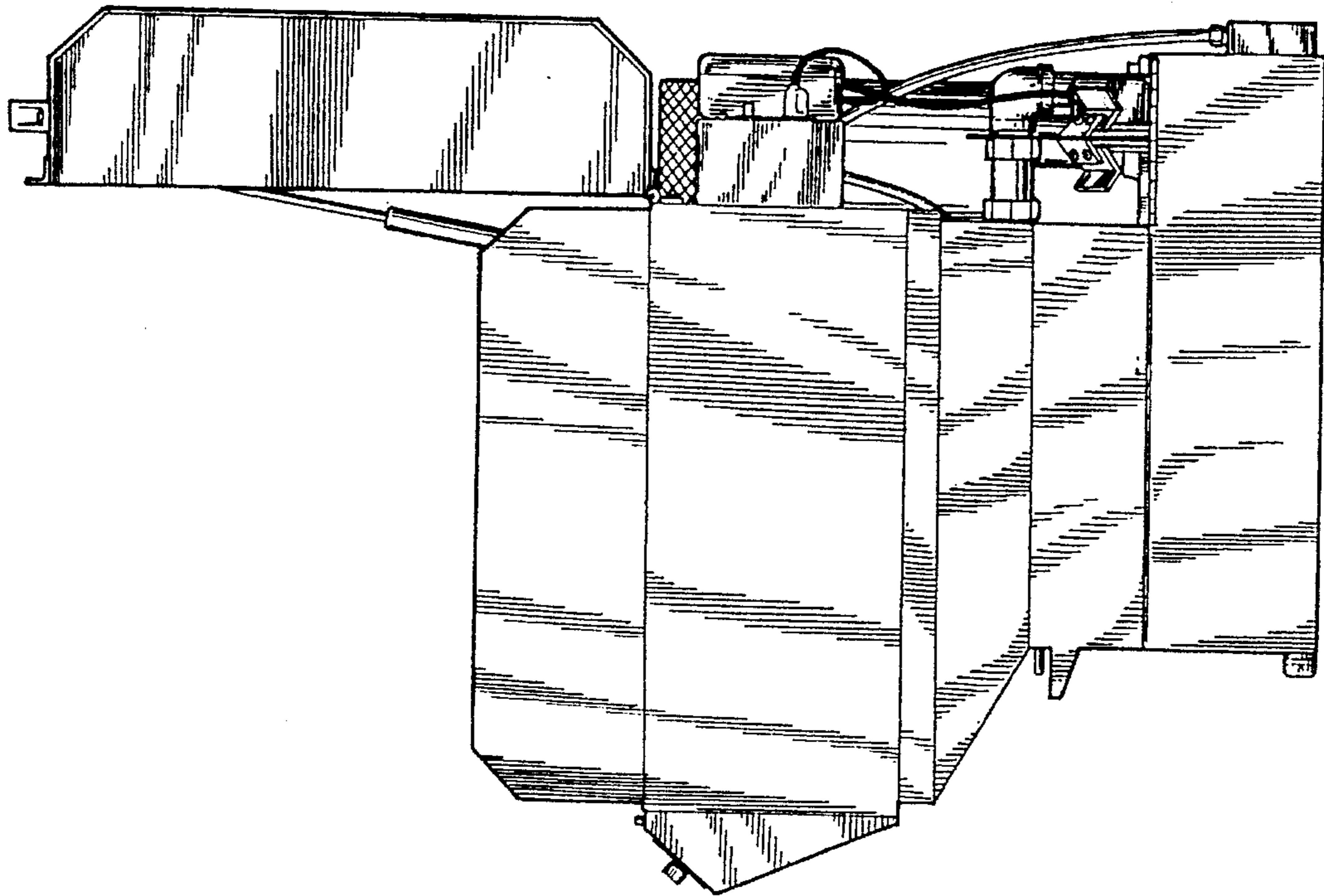


FIG. 9

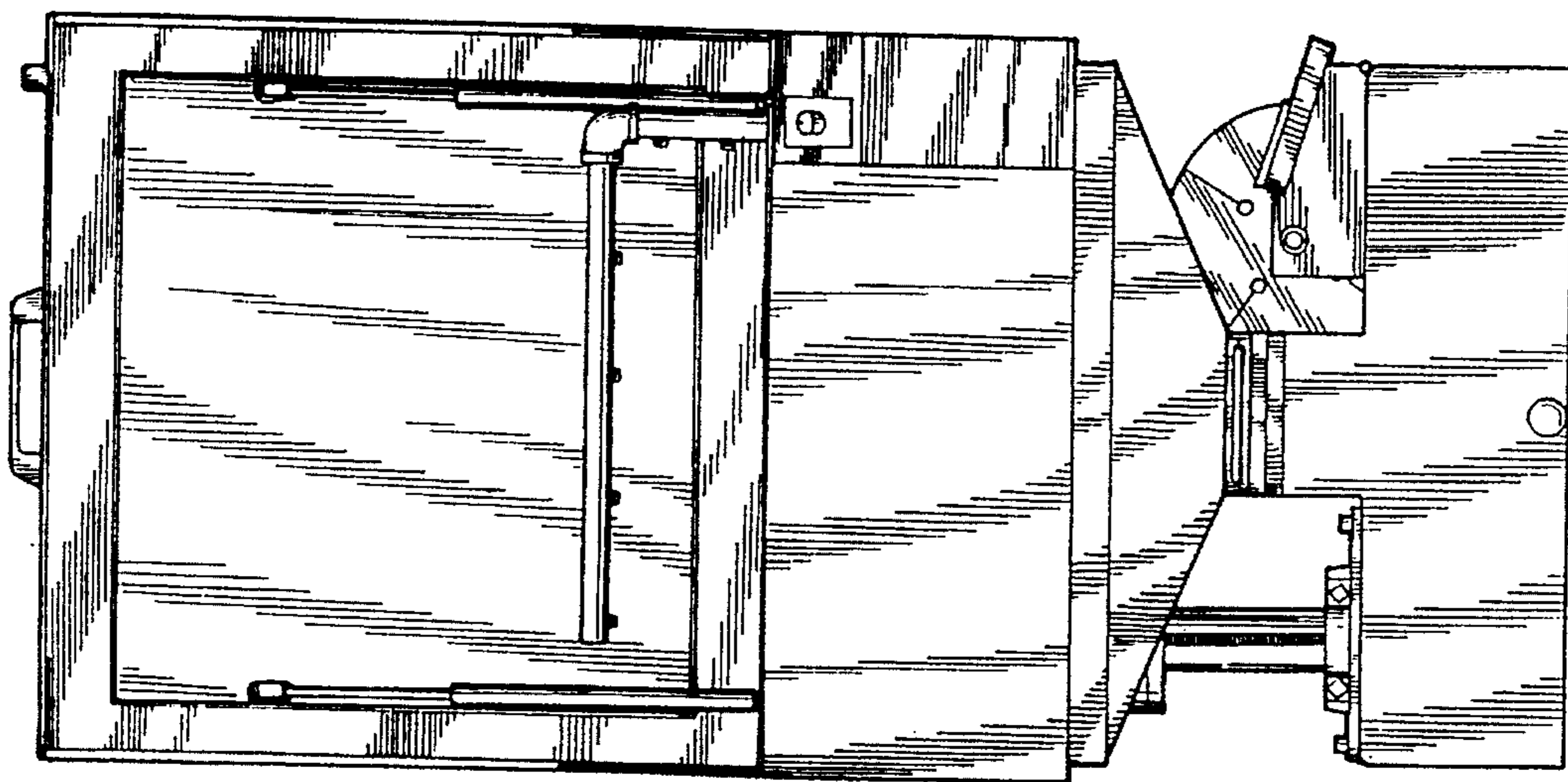


FIG. 8