United States Patent [19]

Purkapile

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[45] Date of Patent: ** Oct. 24, 1989

[54]	DUAL VACUUM CLEANER DESIGN		
[75]	Inventor:	Em	erson J. Purkapile, Chicago, Ill.
[73]	Assignee:	Phi	ilips Home Products, Akron, Ohio
[**]	Term:	14	Years
[21]	Appl. No.:	136	5,642
[22]	Filed:	Feb	. 22. 1988
			,
	U.S. Cl. D32/21		
[58] Field of Search			
15/320-321, 323, 327 R, 327 F, 327 D, 327 E,			
353, 412, 328; 55/417, 337, 472–473			
[56] References Cited			
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	212,710 11/1		Mango et al
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	•		Ernolf et al
	1,266,317 5/1		Duda
	-, ,,/		

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[57]

CLAIM

The ornamental design for a vacuum cleaner, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum cleaner showing my new design;

FIG. 2 is a top plan view thereof, with the carrying strap removed;

FIG. 3 is an end elevational view thereof;

FIG. 4 is a side elevational view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a perspective view of a second embodiment thereof, the nozzle and hose are shown in broken lines for illustrative purposes only and form no part of the claimed design;

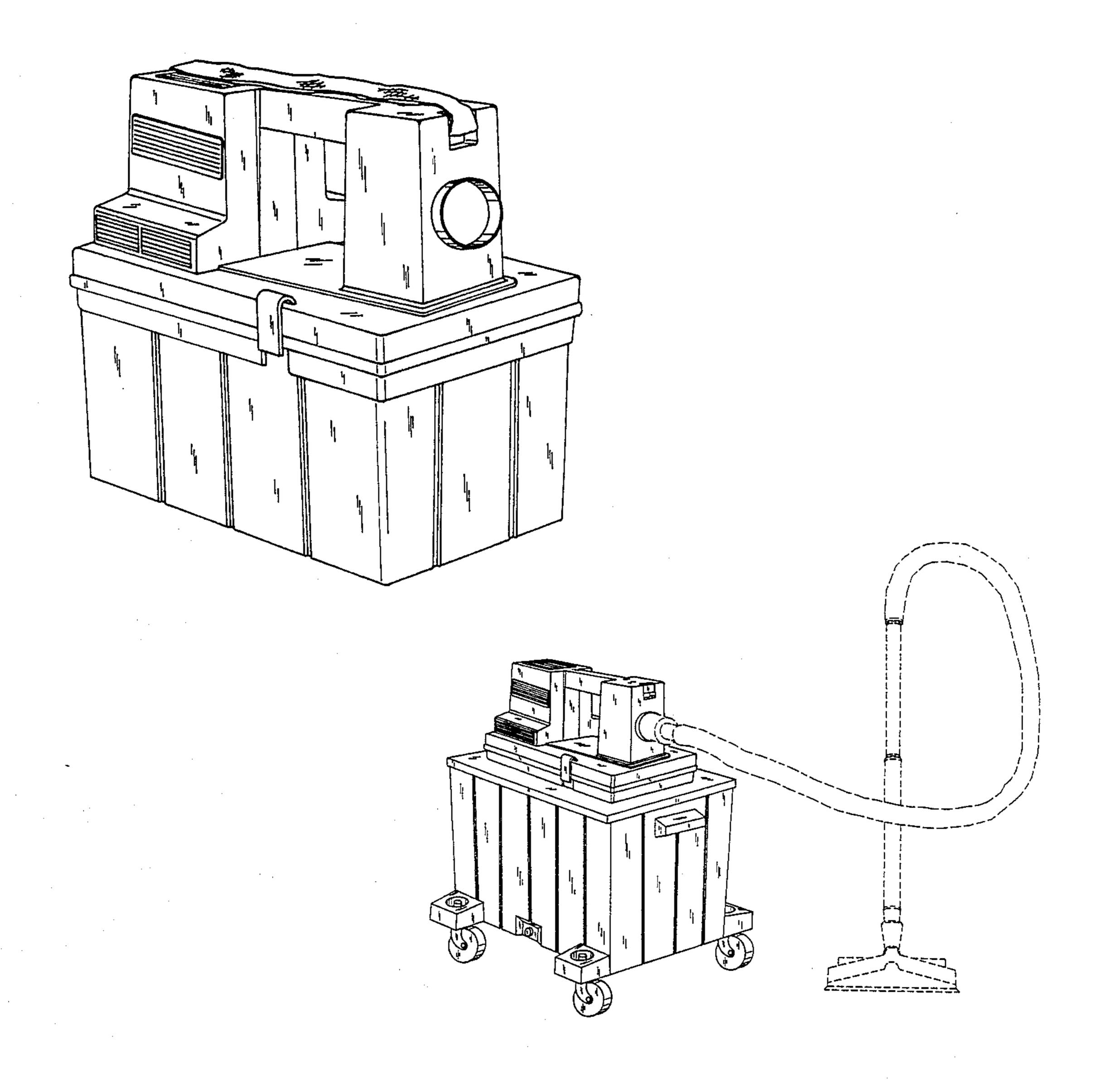
FIG. 7 is a top plan view thereof;

FIG. 8 is an end elevational view thereof;

FIG. 9 is a side elevational view thereof; and

FIG. 10 is a bottom plan view thereof;

The electric cord shown broken away in FIGS. 2-4 and 7-9 is understood to represent indeterminate length.



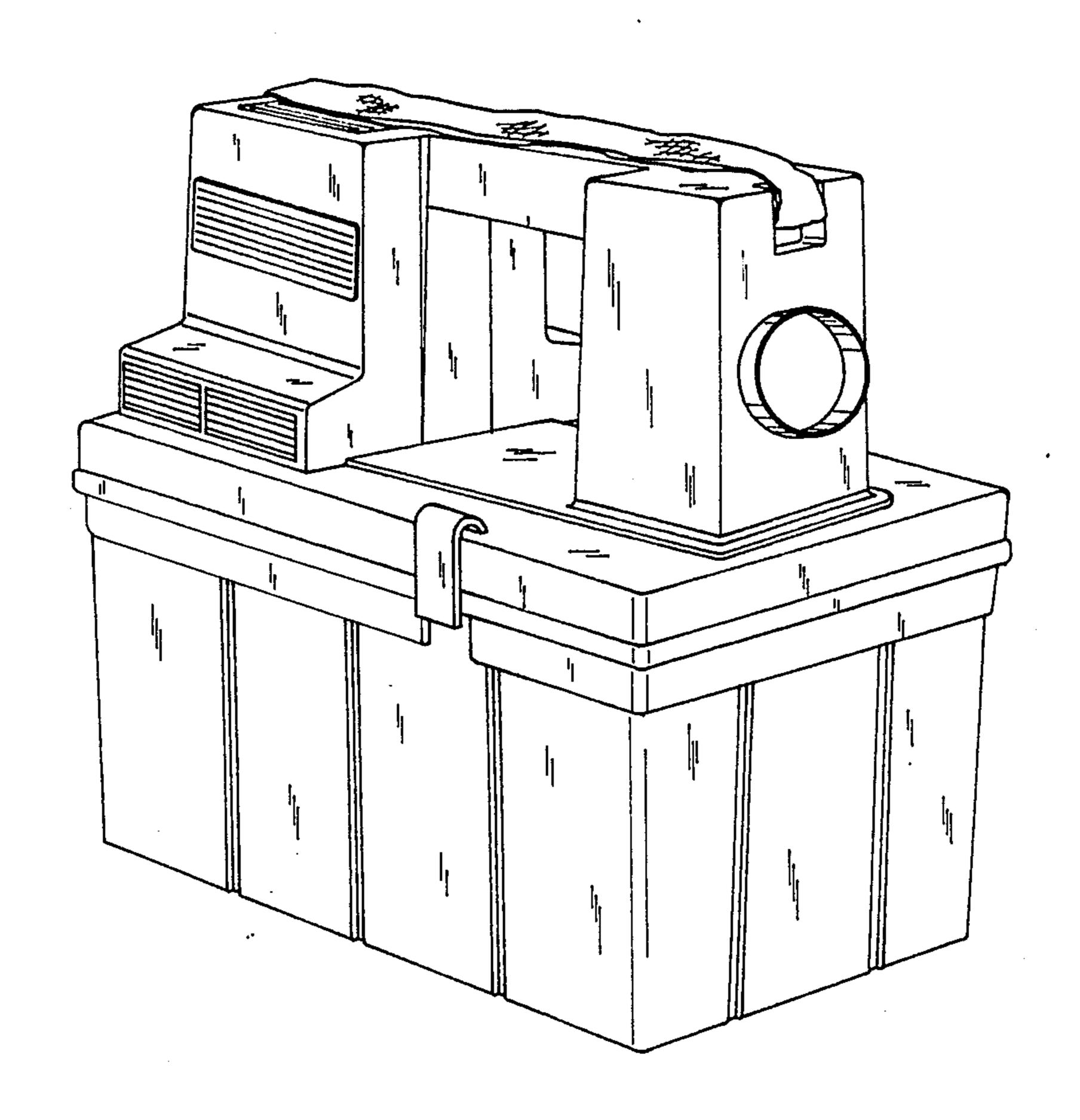


FIG. 1

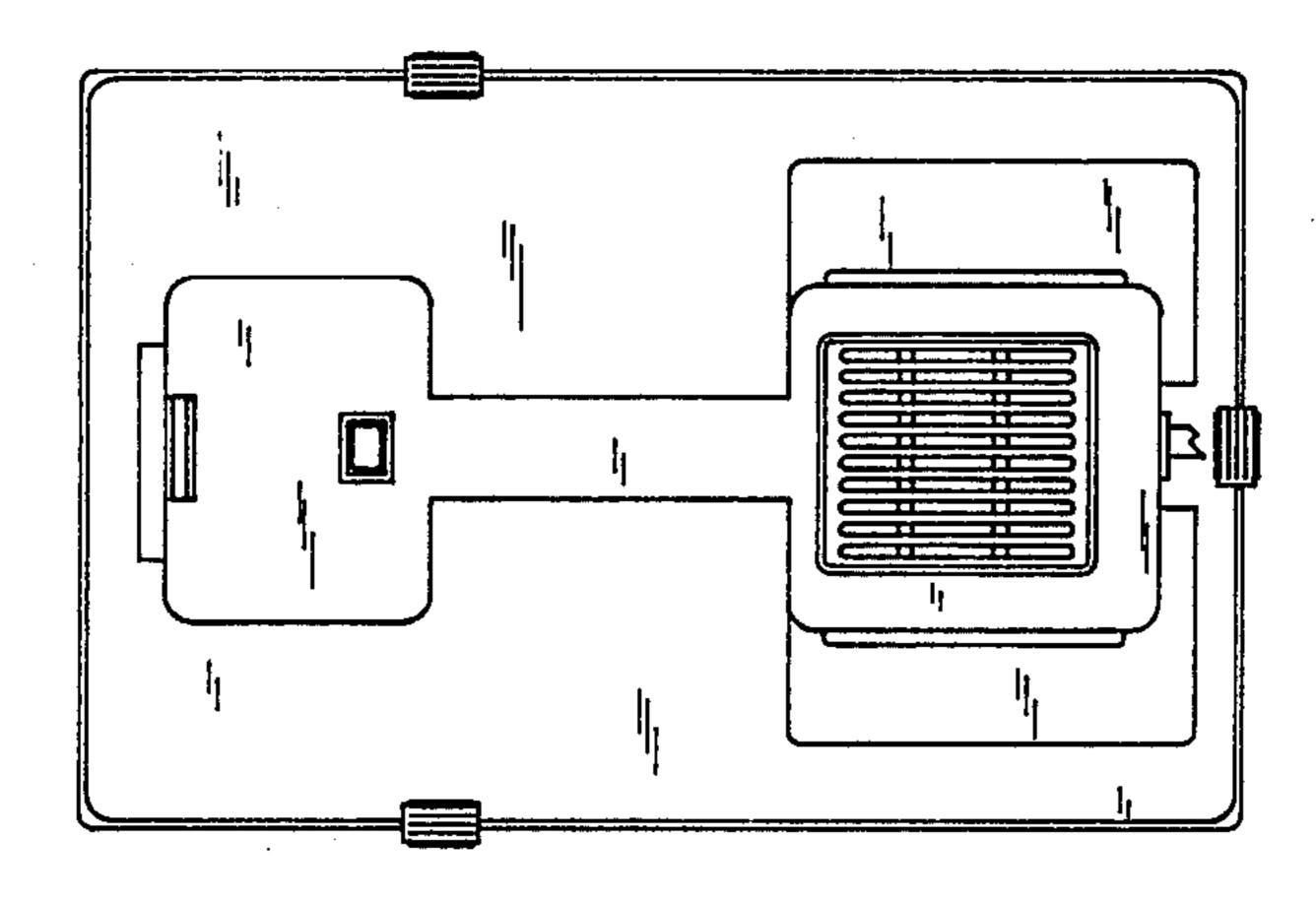


FIG. 2

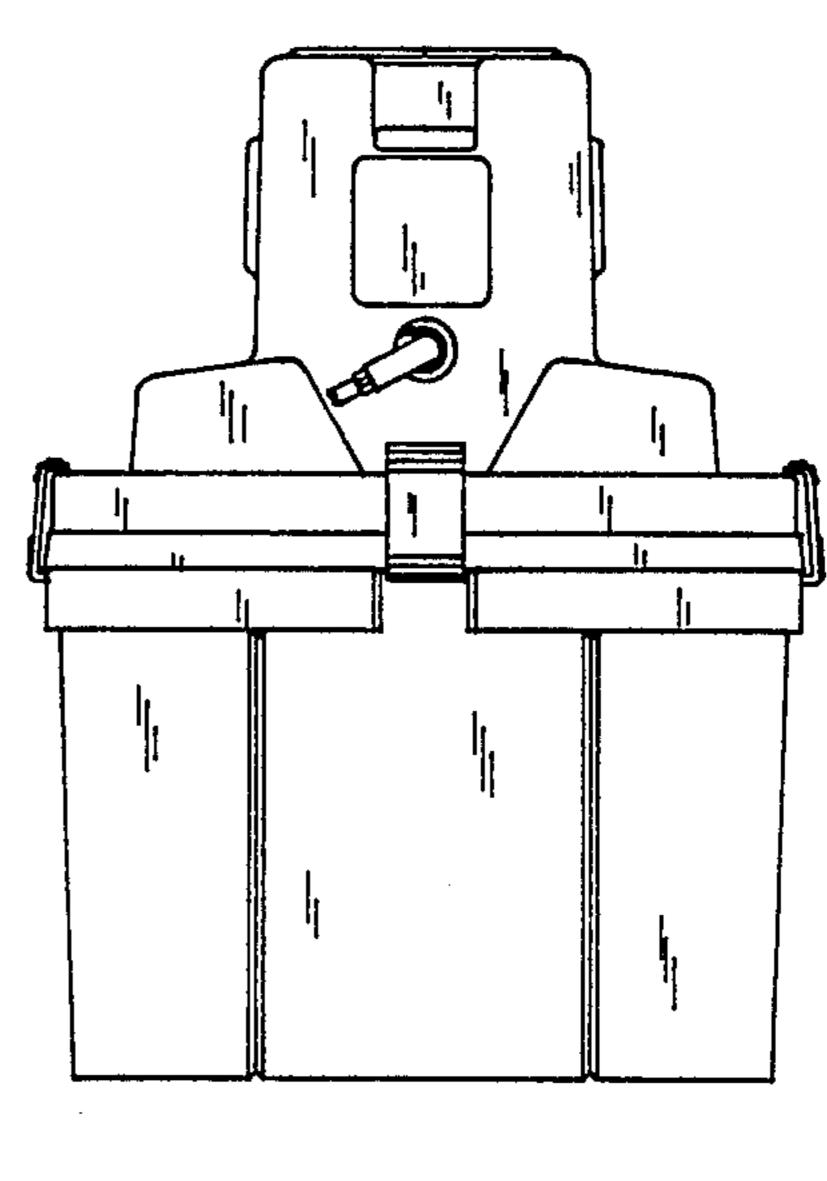


FIG. 3

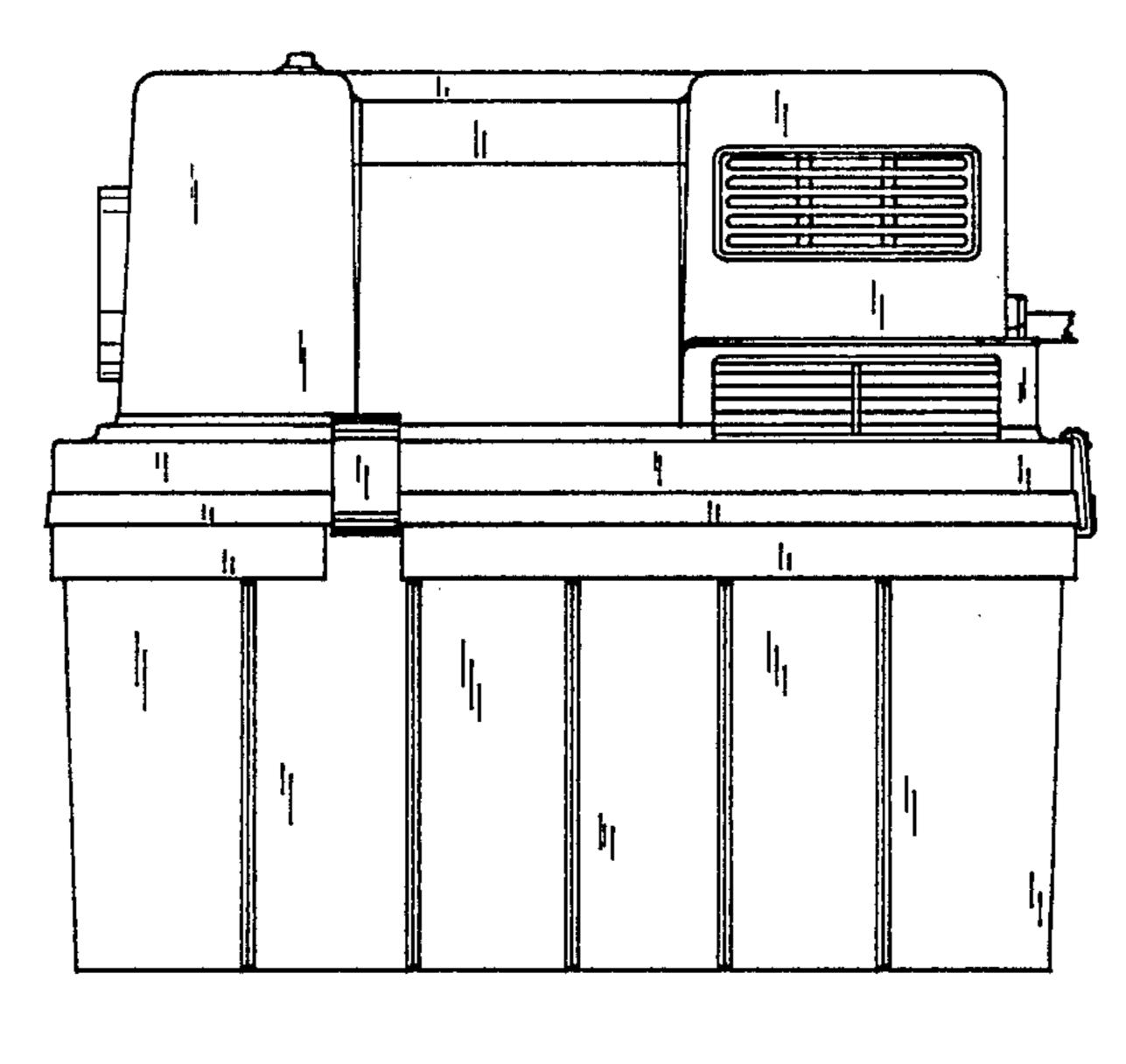


FIG. 4

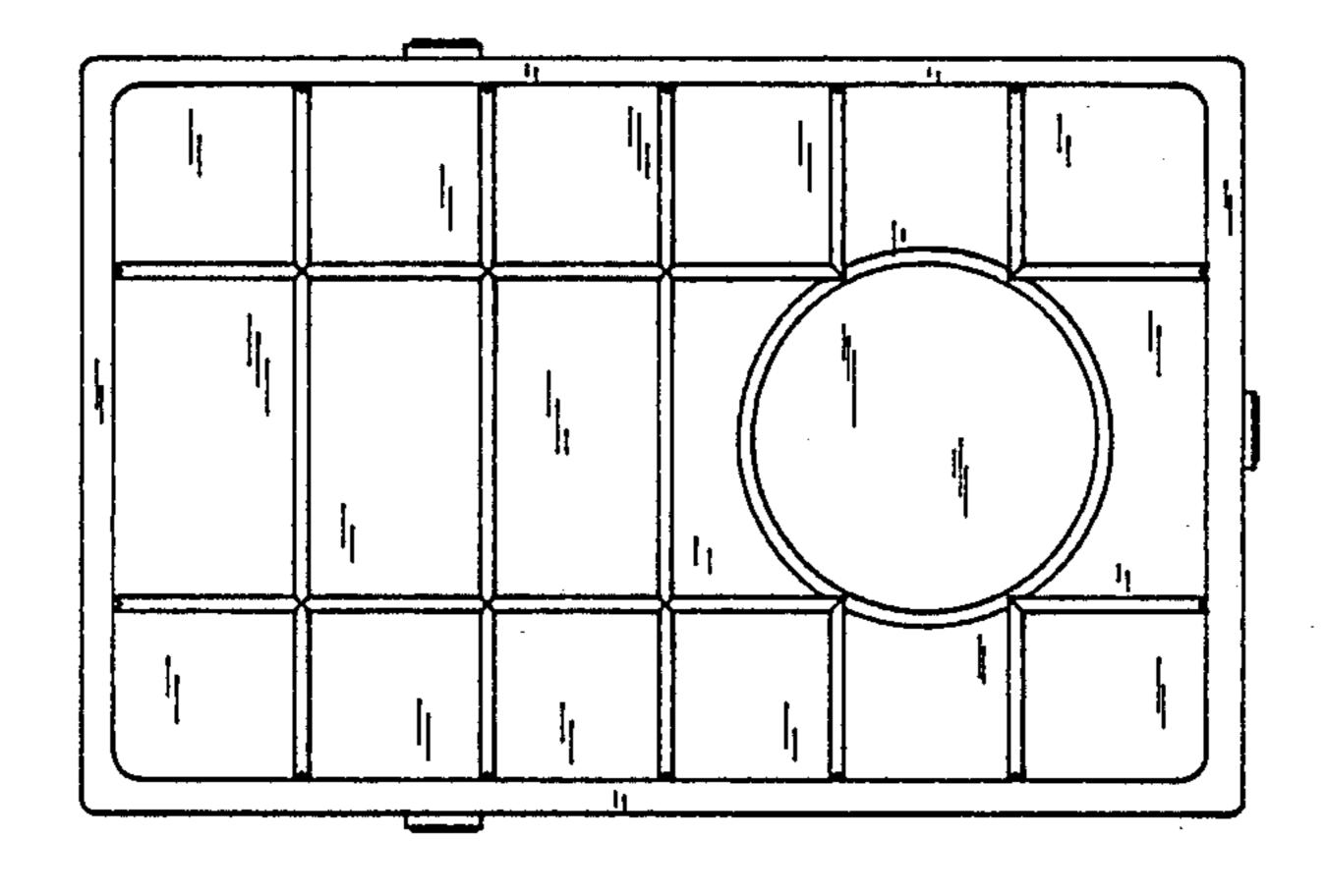


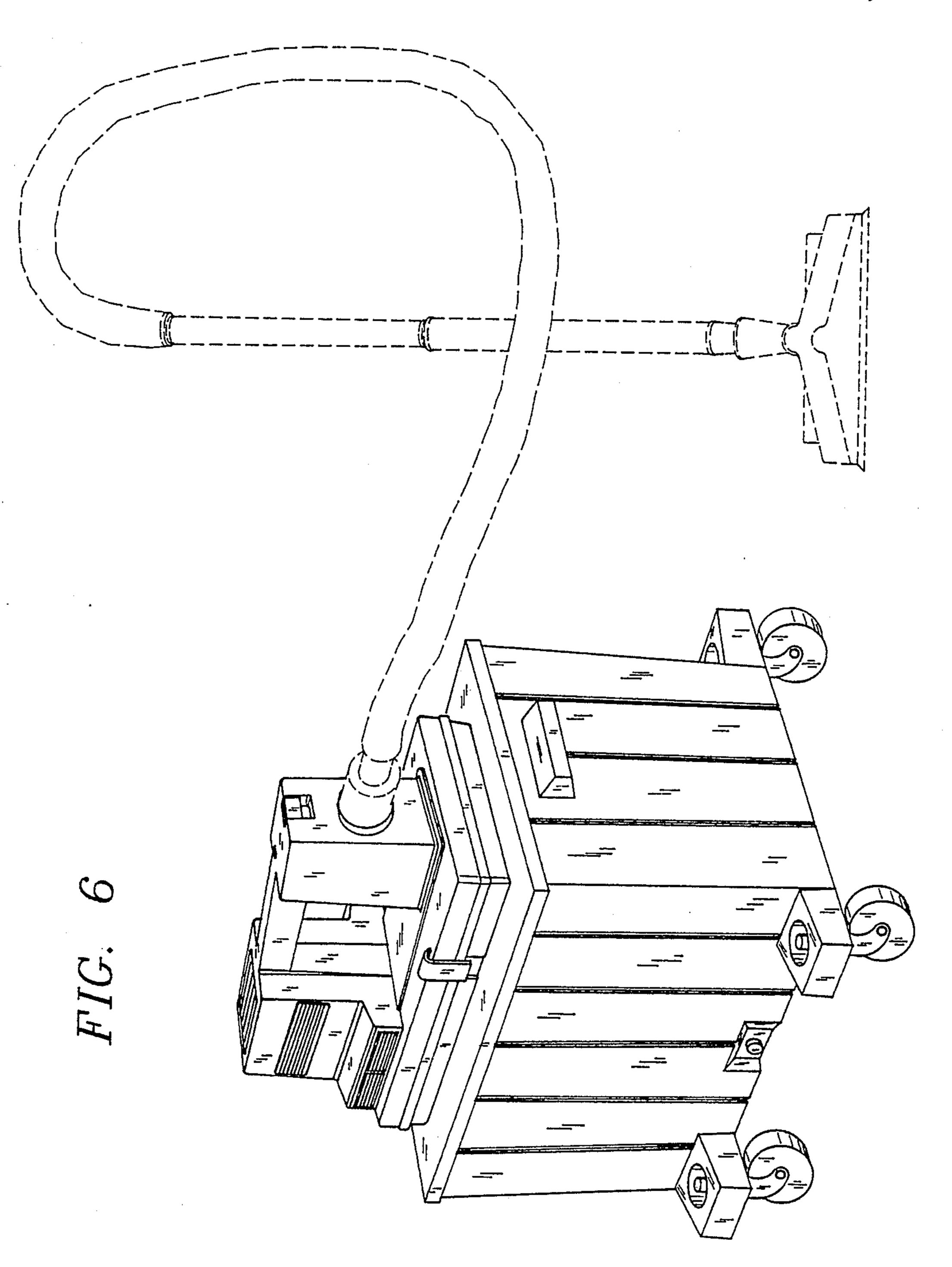
FIG. 5

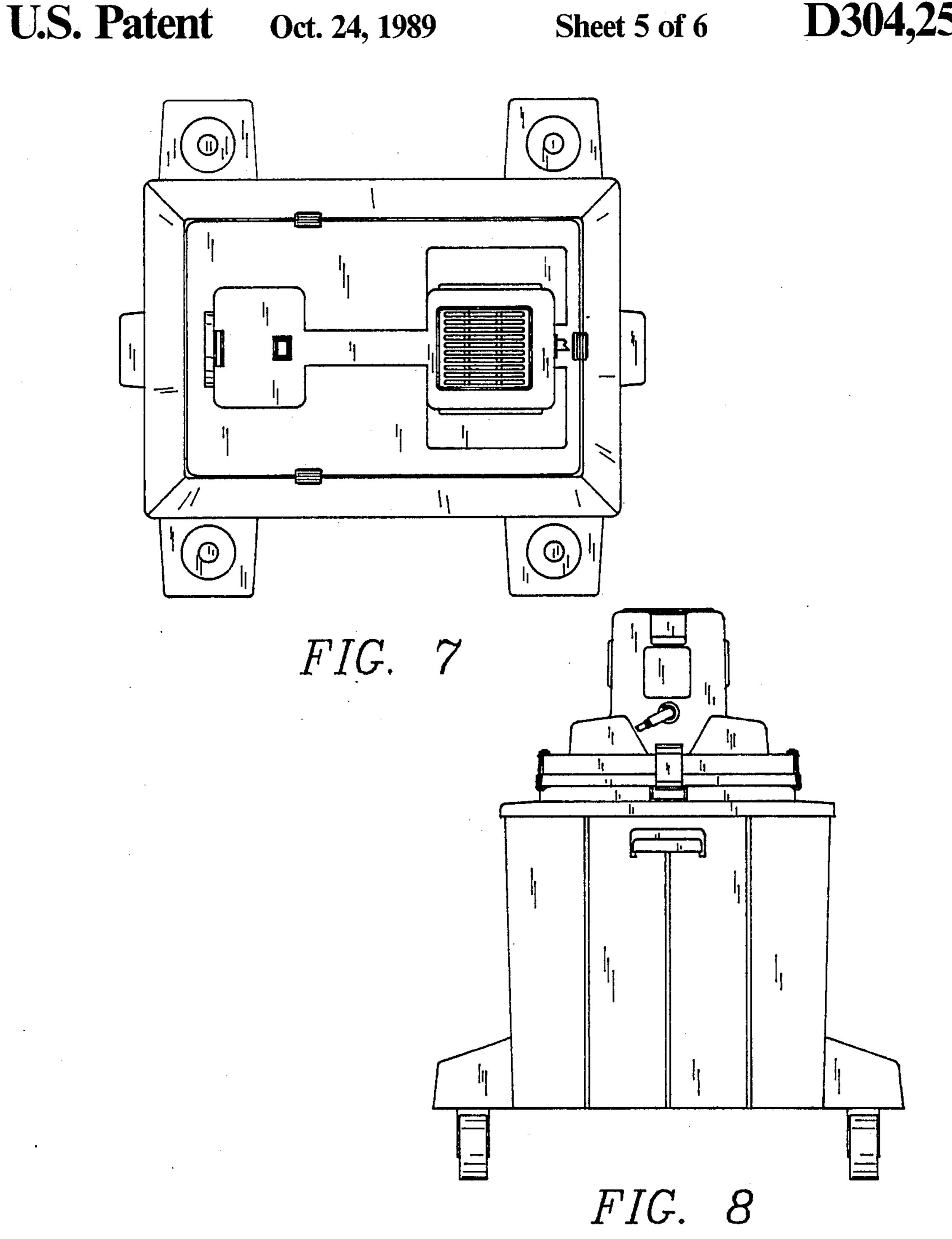
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