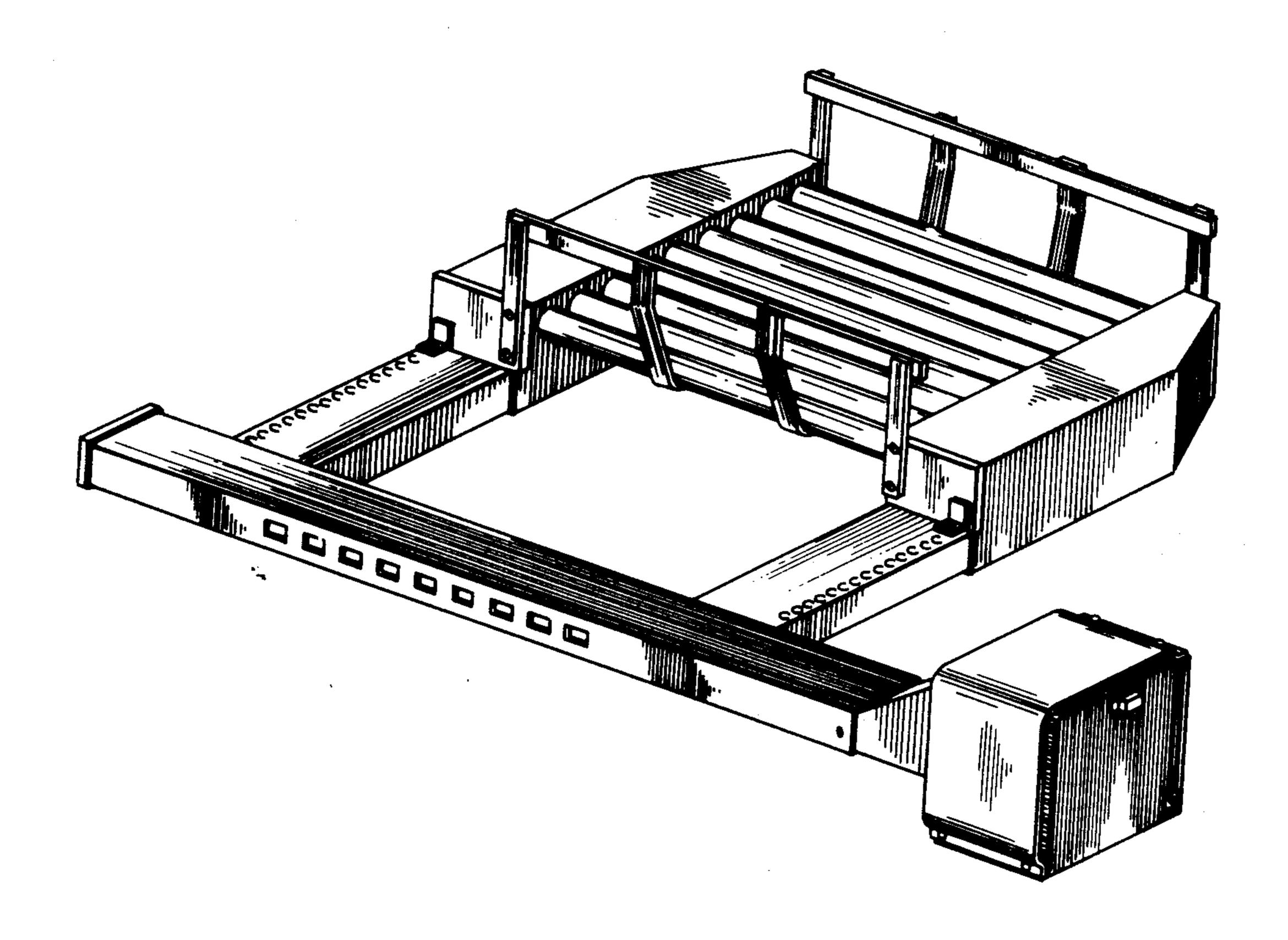
United States Patent [19]

Chesnut et al.

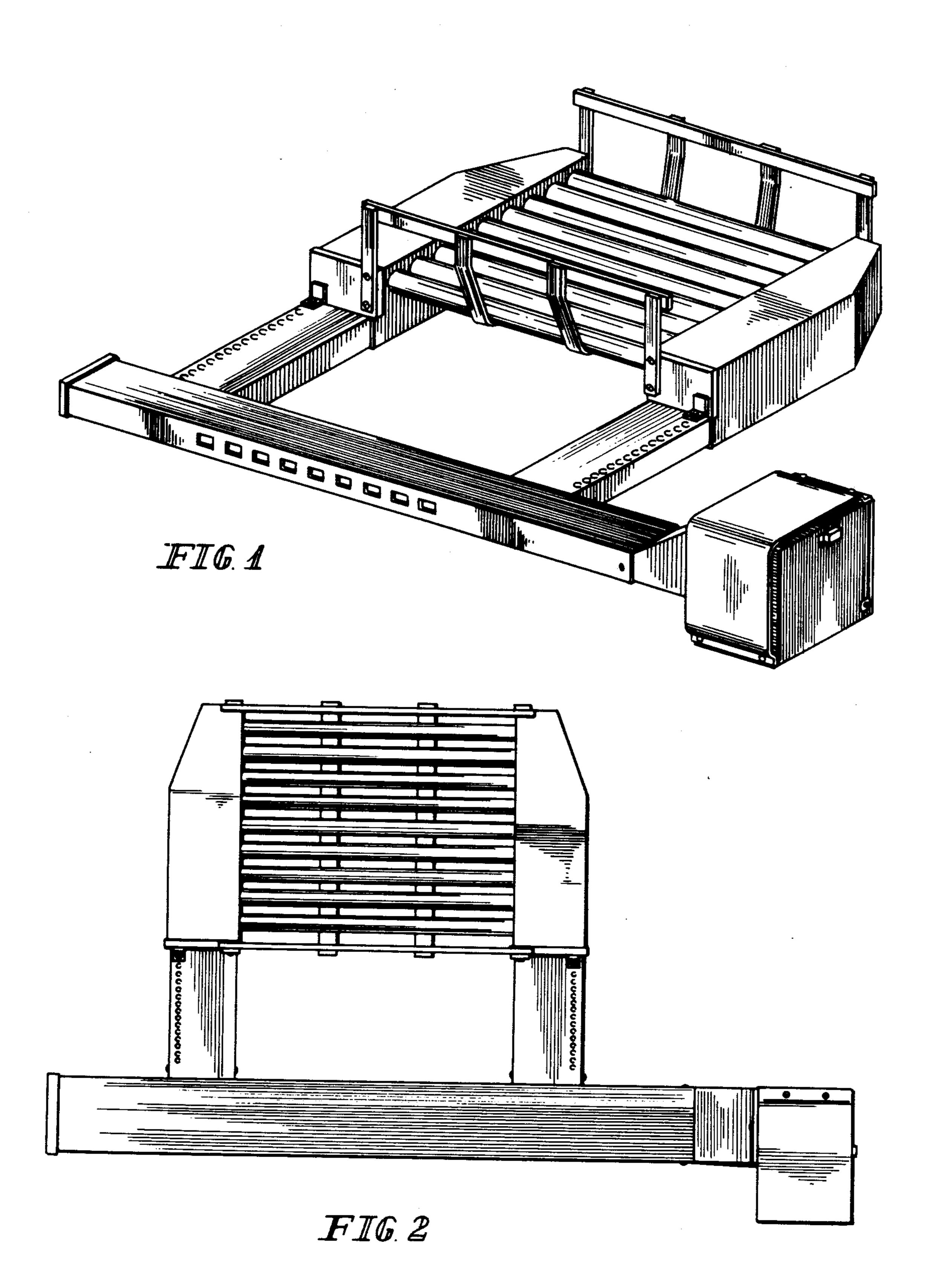
[11] Des. 254,388

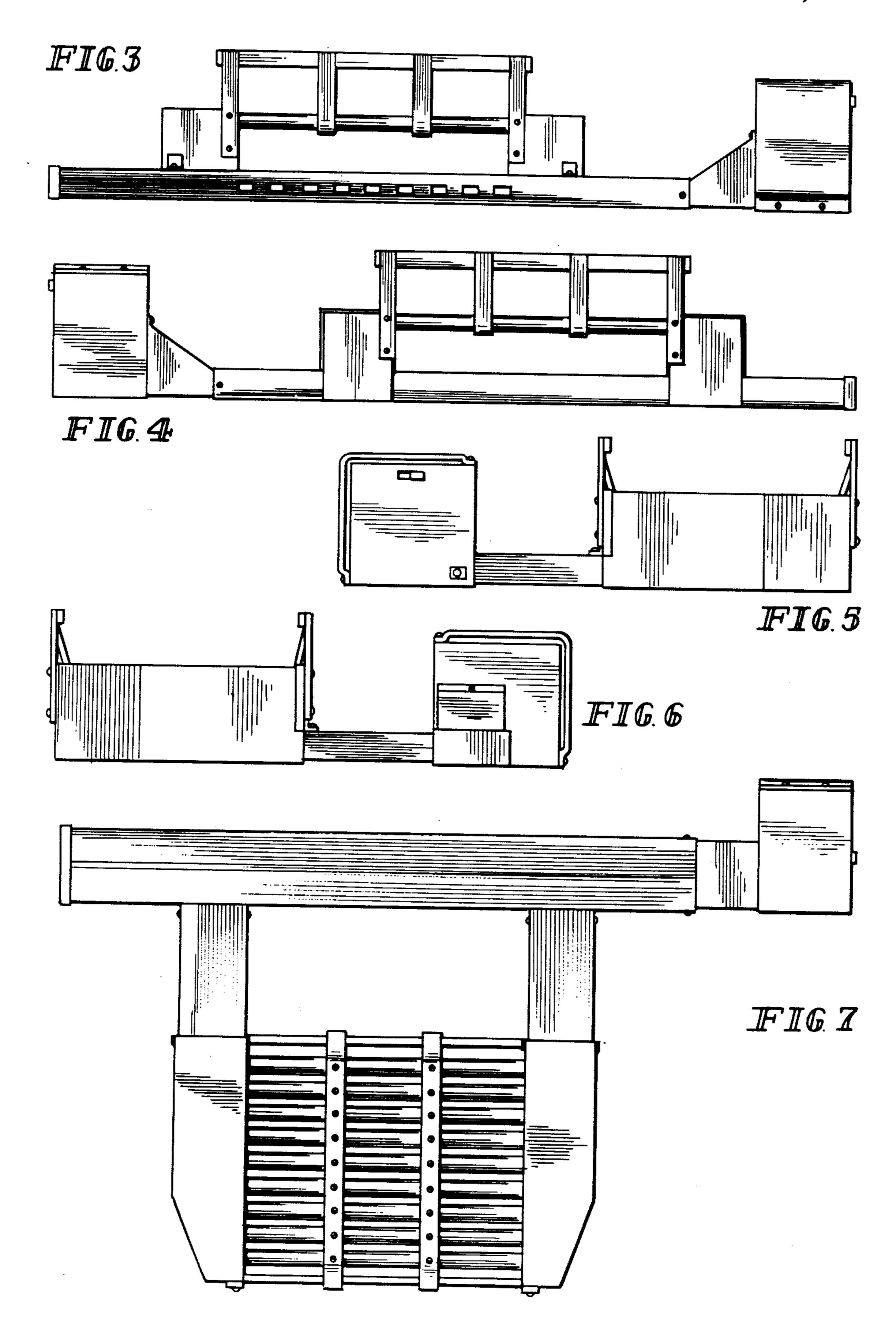
[45] ** Mar. 4, 1980

[54]	4] COMBINED GRATE AND FIREPLACE HEAT EXCHANGER		Primary Examiner—Wallace R. Burke Assistant Examiner—Catherine Kemper
[75]	Inventors:	Amos E. Chesnut, Columbus; Albert	Attorney, Agent, or Firm—Thomas P. Jenkins
		J. Parrigin, Scipio, both of Ind.	[57] CLAIM
[73]	Assignee:	Arvin Industries, Inc., Columbus, Ind.	The ornamental design for a combined grate and fire- place heat exchanger, as shown and described.
[**]	Term:	14 Years	DESCRIPTION
[21]	Appl. No.:	879,099	FIG. 1 is a front perspective view of a combined grate and fireplace heat exchanger showing our design;
[22]	Filed:	Feb. 21, 1978	FIG. 2 is a top plan view thereof;
[51] [52] [58]	U.S. Cl		FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a left side elevational view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is a front perspective view of a second embodiment thereof;
[56]	References Cited		FIG. 9 is a top plan view thereof;
U.S. PATENT DOCUMENTS			FIG. 10 is a front elevational view thereof; FIG. 11 is a rear elevational view thereof;
D. 24	0,536 7/1976	6 Christophel D7/207 X	FIG. 12 is a left side elevational view thereof;
D. 24	2,542 11/197	76 Betenbaugh, Jr D7/207 X	FIG. 13 is a right side elevational view thereof; and
4,11	4,590 9/197	78 Frahm 126/121	FIG. 14 is a bottom plan view thereof.



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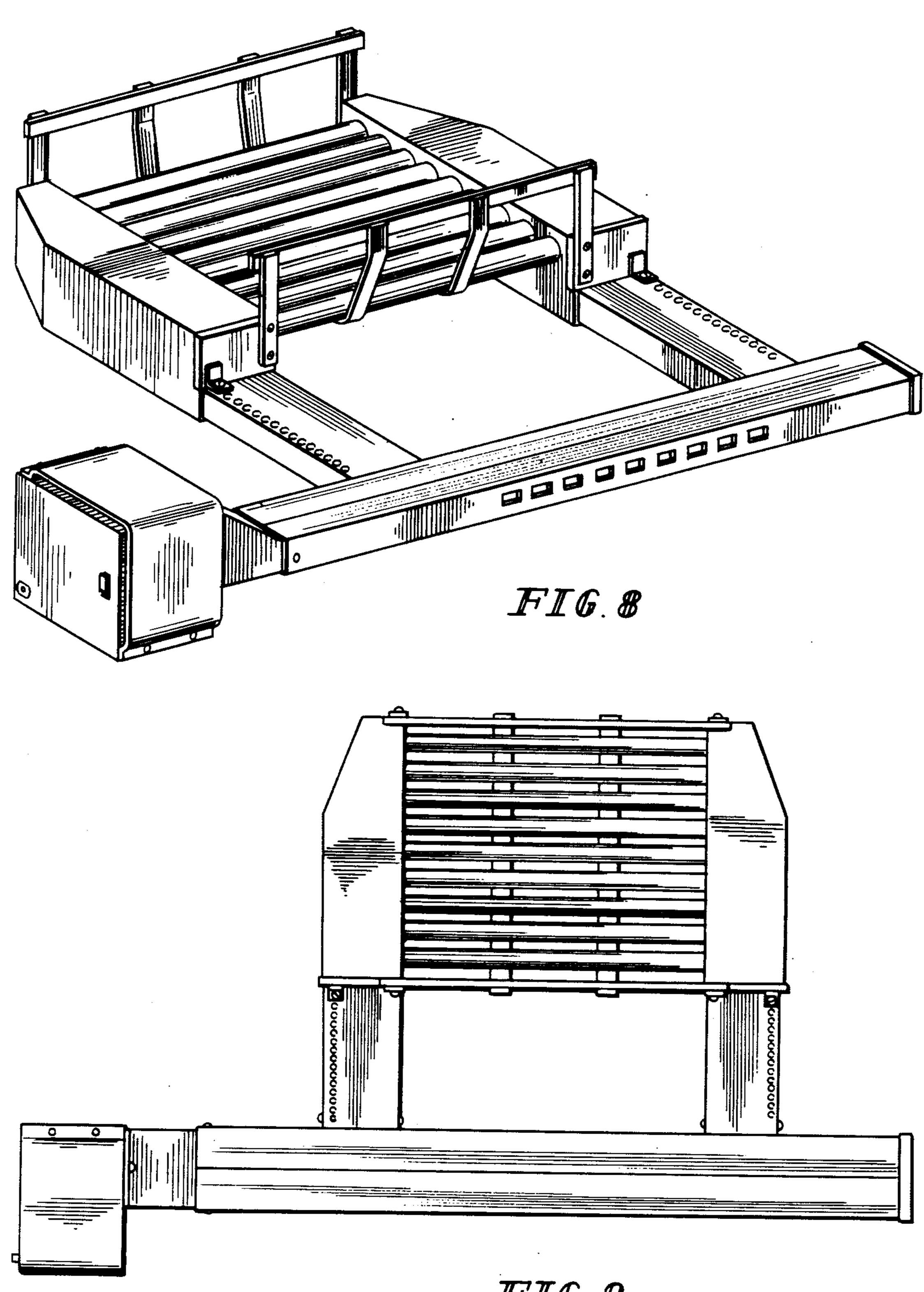


FIG. 9

