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Maeno et al.

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WEIGHING DEVICE (54)

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15 Years (**)Term:

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(52)	U.S. Cl.			
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(58)	Field of Cl	assificat	tion Search	
	USPC			D10/87, 94; D15/28

(Continued)

(56)

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CLAIM (57)

The ornamental design for a weighing device, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an ornamental design for a weighing device showing my new design, the weighing device includ-

ing a first weighing unit illustrated on the left side of the figure and a second weighing unit illustrated on the right side of the figure, the weighing device being configured to discharge a batch (mass) of weighed objects through an outlet illustrated at the bottom of the figure, the batch having a weight within a permissible weight range determined based on a predetermined target weight.

FIG. 2 is a rear view of the weighing device of FIG. 1.

FIG. 3 is a plan view of the weighing device of FIG. 1.

FIG. 4 is a bottom view of the weighing device of FIG. 1.

FIG. 5 is a left side view of the weighing device of FIG. 1, illustrating the second weighing unit that performs combination weighing of discharging a batch of weighed objects, the batch having a weight within a permissible weight range determined based on a difference between the target weight and the weight of the batch of weighed objects discharged from any one of first to third sub weighing portions of the first weighing unit.

FIG. 6 is a right side view of the weighing device of FIG. 1, illustrating the first to third sub weighing portions of the first weighing unit, each of the first to third sub weighing portions being configured to discharge a batch of weighed objects, the batch substantially having a predetermined sub target weight smaller than the target weight.

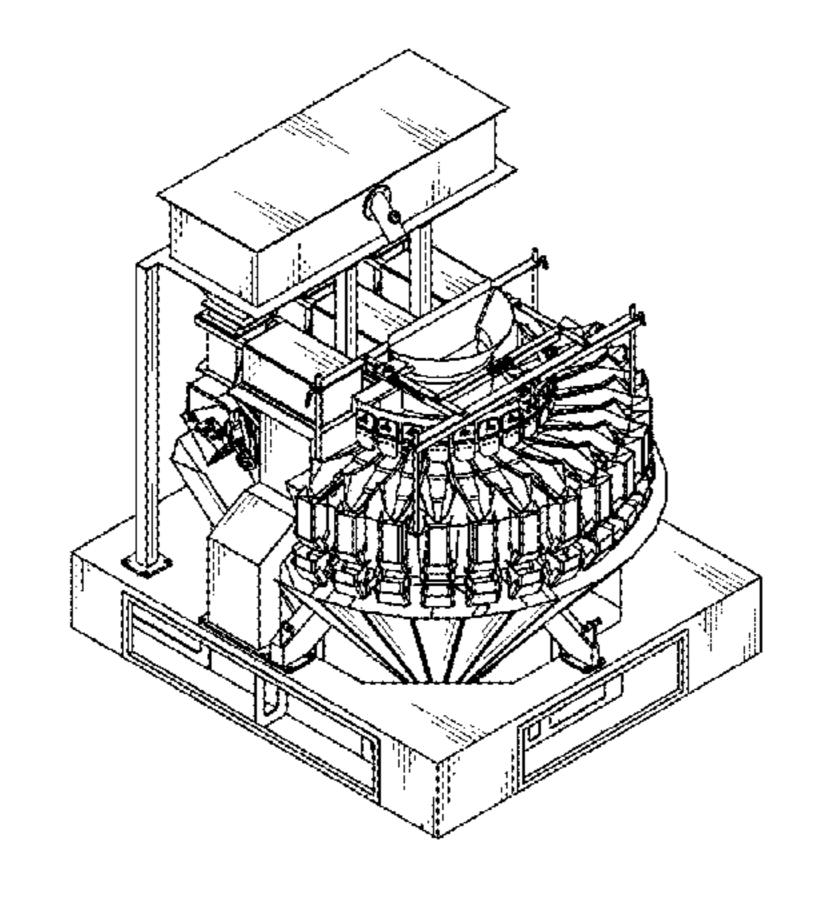
FIG. 7 is a top-front-right perspective view of the weighing device of FIG. 1.

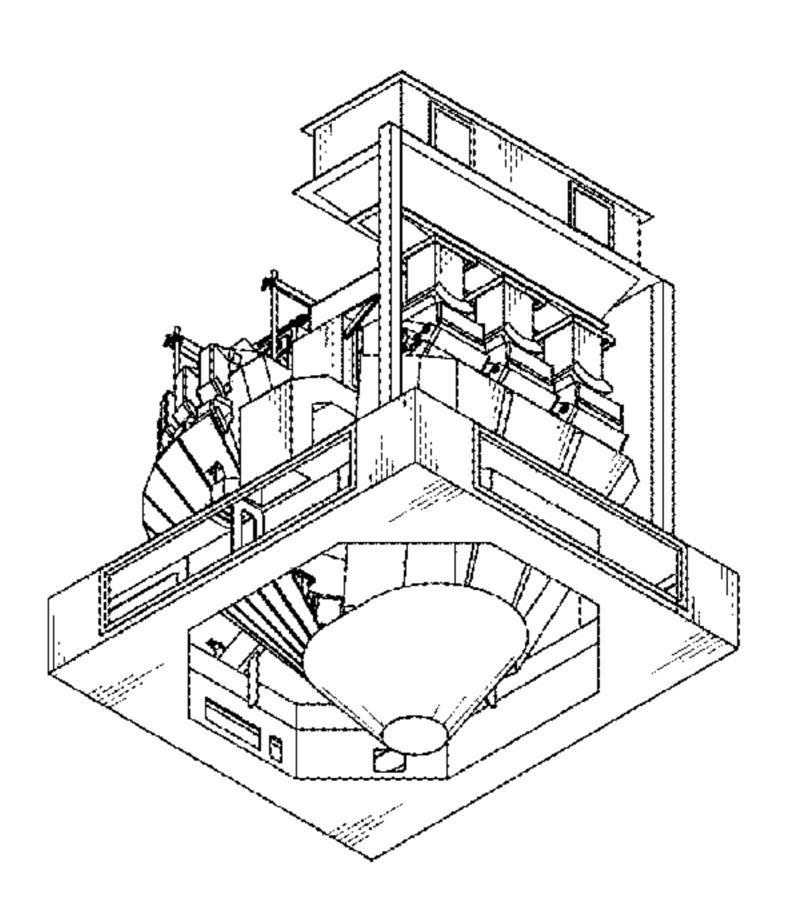
FIG. 8 is a top-rear-left perspective view of the weighing device of FIG. 1.

FIG. 9 is a bottom-front-right perspective view of the weighing device of FIG. 1, illustrating a collecting chute with an outlet through which is discharged the batch of weighed objects discharged from any one of the first to third sub weighing portions of the first weighing unit and the batch of weighed objects discharged through from the second weighing unit; and,

FIG. 10 is a bottom-rear-left perspective view of the weighing device of FIG. 1.

1 Claim, 5 Drawing Sheets





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(58) Field of Classification Search

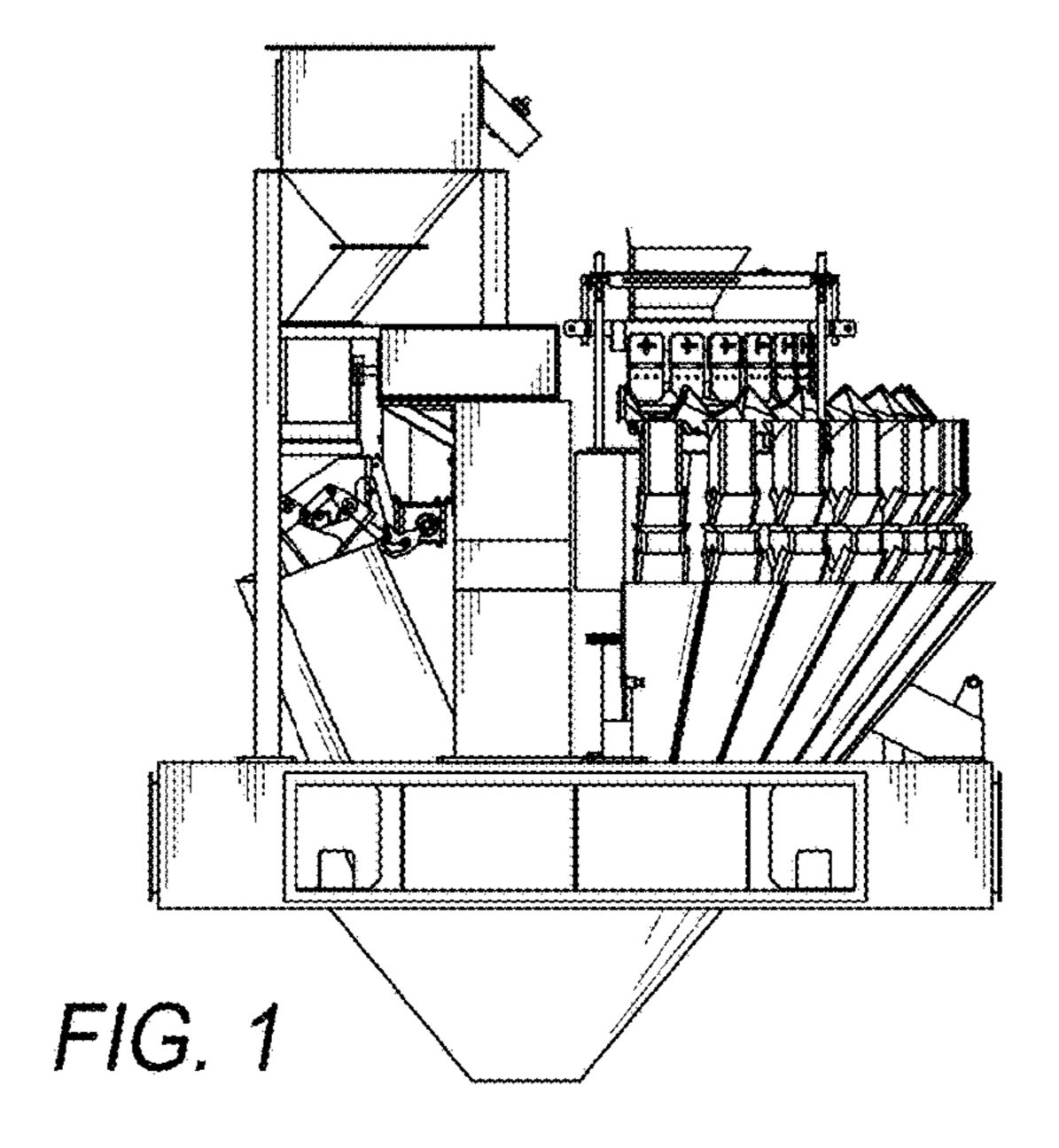
CPC ... B65G 11/023; B65G 11/026; B65G 11/203; B65G 11/206; G01G 19/387; G01G 19/393

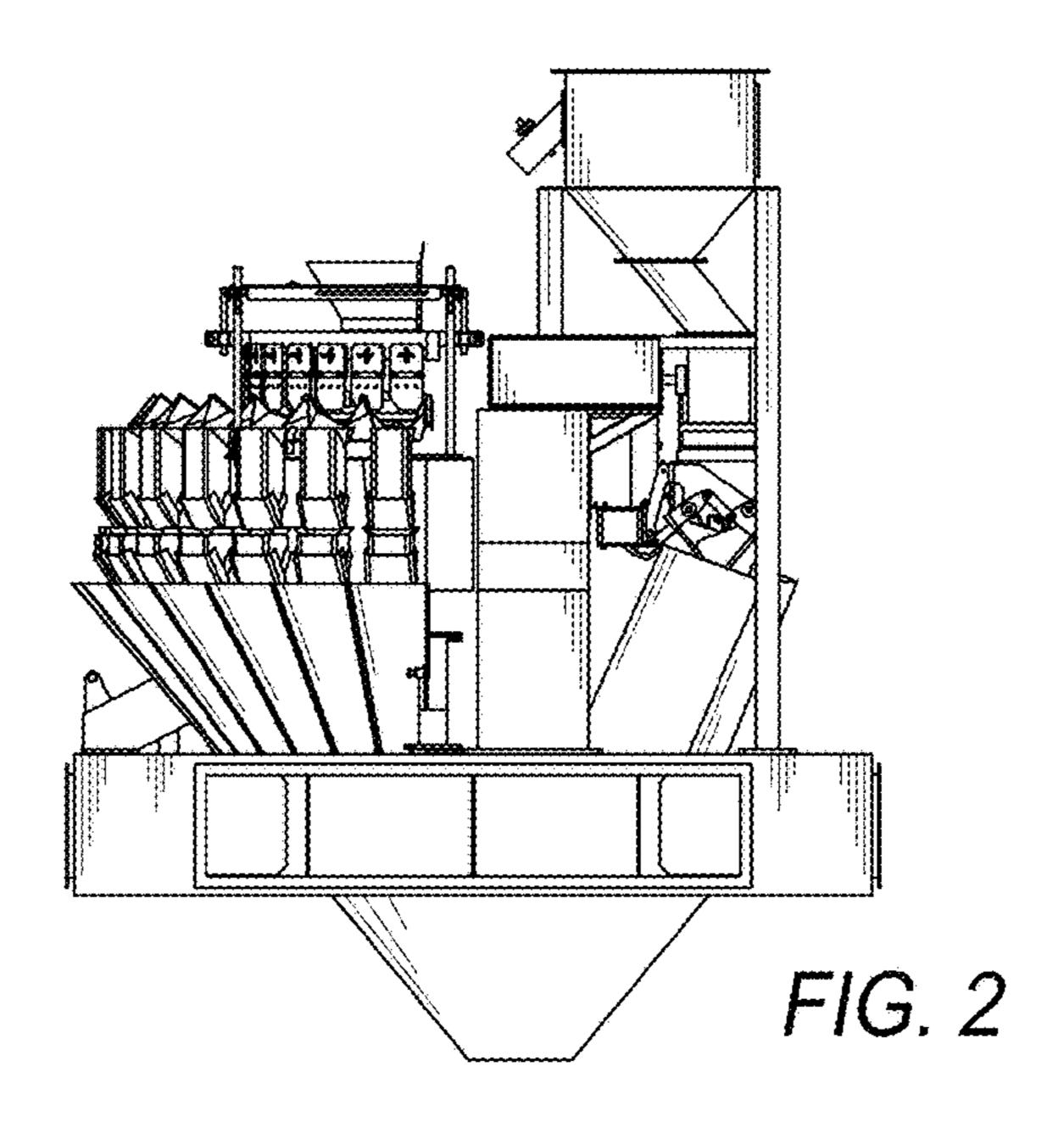
See application file for complete search history.

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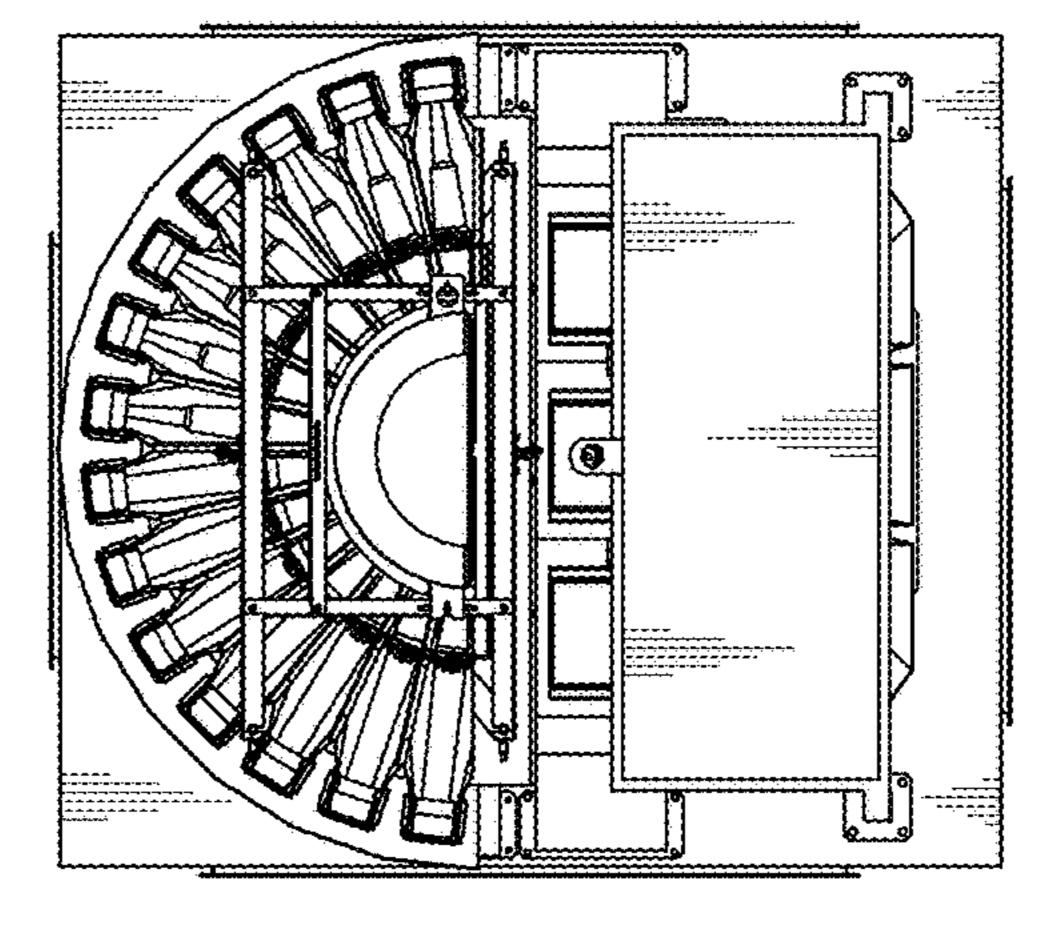


FIG. 3

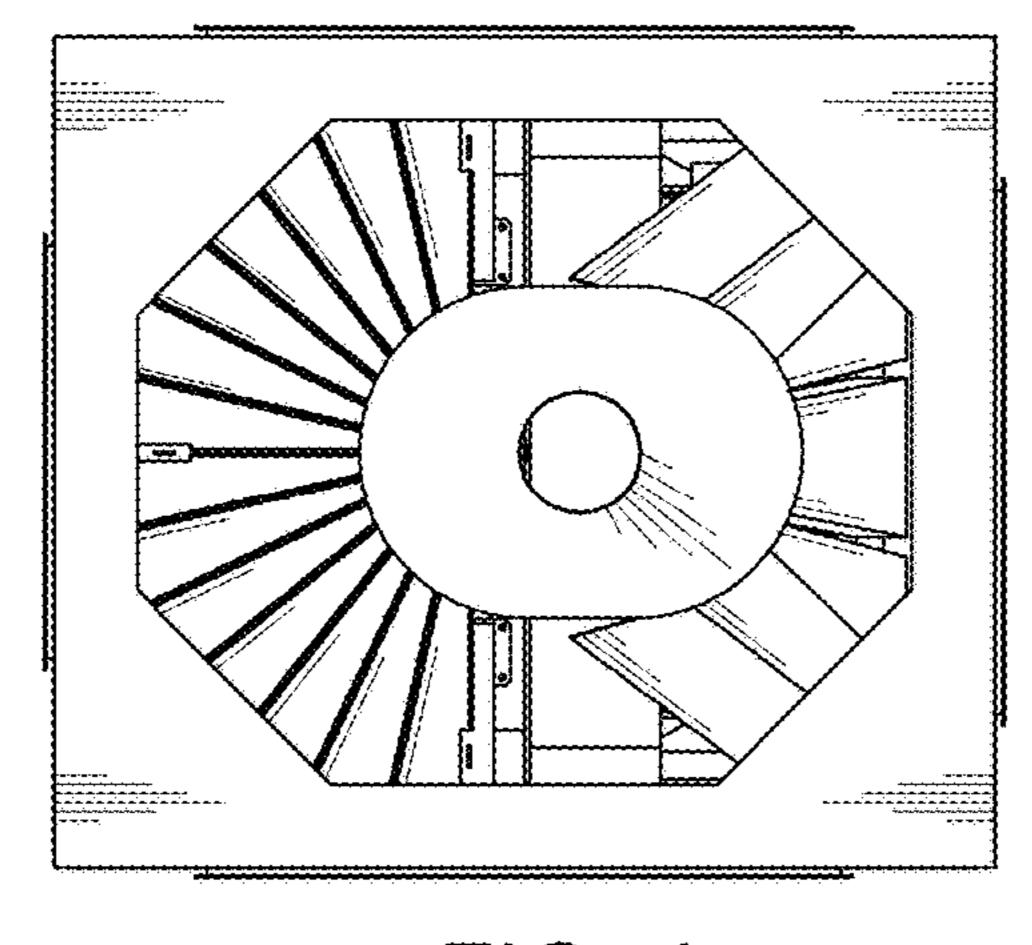


FIG. 4

