

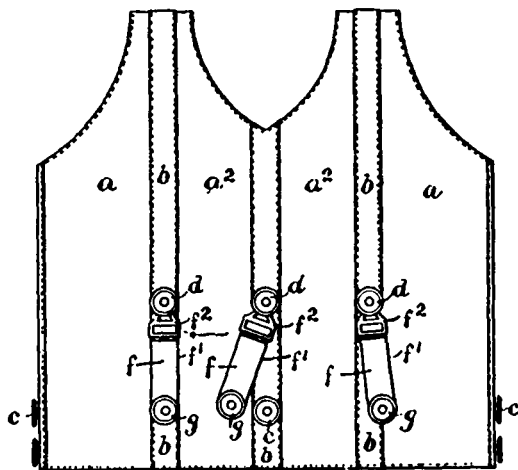
having a mouth-piece extending into the bellows and its outer end enlarged. 2nd. An insect powder duster, comprising a pair of



Fig. 1. 46,927.

bellows, a mouth-piece having its inner end perforated and its outer end enlarged, as set forth. 3rd. An insect powder duster, comprising a bellows, a mouth-piece having its inner end perforated, its outer end enlarged and an agitator located within the bellows, substantially as described for the purpose, as set forth.

**No. 46,928. Waist. (Ceinture.)**



46,928.

Sarah C. Benham, Columbus, Ohio, U.S.A., 1st September, 1894; 6 years.

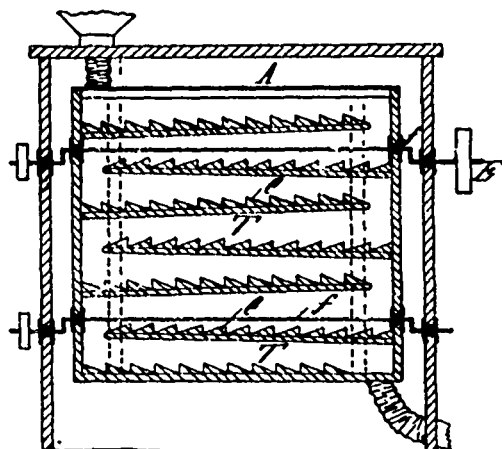
**Claim.**—1st. A waist having removable elastic supporting straps or tabs loosely fastened at their upper ends to the middle of the back portion of the waist above the lower undergarment supports and provided with means at their lower ends for connecting the pantaloons thereto, substantially as described. 2nd. A waist having an upper series of buttons located across the middle of the back portion of the waist above the lower undergarment supports, and the removable elastic supporting straps or tabs loosely fastened to the upper series of buttons at their upper ends, and provided with means at their lower ends for connecting the pantaloons thereto, substantially as described. 3rd. A waist having a lower series of undergarment supports extending around it, an upper series of buttons extending across the middle of the back portion of the waist, above the lower undergarment supports, and the removable elastic supporting straps or tabs loosely fastened to the upper series of buttons at their upper ends and provided with means at their lower ends for connecting the pantaloons thereto, substantially as described. 4th. A waist having at desired intervals at the back portion thereof reinforcing strips or stays, an upper series of fastenings connected to the strips or stays across the middle of the back portion above the lower undergarment supports, and the removable elastic supporting straps or tabs loosely fastened at their upper ends to the upper series of fastenings and provided with means at their lower ends for connecting the pantaloons thereto, substantially as described. 5th. A waist having shoulder strips extending lengthways of the body of the waist at the front and at the back, and a strip located intermediate of or between the shoulder strips at the back portion of the body, and the removable elastic supporting straps or tabs loosely fastened at their upper ends to the strips at the middle back portion, and provided with means at their lower ends for connecting the pantaloons thereto, substantially as described. 6th. A waist having shoulder strips extending lengthways of the body at the front and at the back, the intermediate strip at the back of the body, lower series of buttons secured around the waist to the strips, the upper series of buttons secured at the middle of the back portion of the waist to the strips, and the removable elastic supporting straps or tabs loosely fastened at their upper ends to the upper series of buttons, and having their lower ends located in the vicinity of the lower series of buttons and provided with means at their ends for connecting the pantaloons thereto, substantially as described.

**No. 46,929. Sifting Apparatus. (Crible.)**

Otto Fuchs, Buttstaed, Germany, 1st September, 1894; 6 years.

**Claim.**—A sifting apparatus in which a closed gauze covered sift-

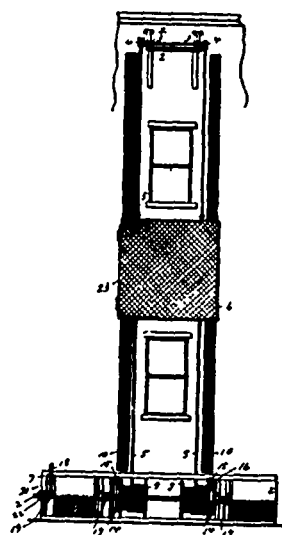
ing device is caused to oscillate circularly in a vertical plane (without rotation about its axis) within a tightly fitting hermetically closed casing in such a manner that the sifting or separation



46,929.

of the material to be sifted is effected by centrifugal action according to specific gravity, and the sifting device is at the same time subjected to powerful one sided puffs or impacts of air produced by the oscillation of the sifting device inside the closely fitting casing of the sifting apparatus, which cause the heavier particles to be forced through the gauze, substantially as and for the purpose hereinbefore set forth.

**No. 46,930. Fire Escape. (Sauveteur d'incendie.)**



46,930.

James L. Gregory, Washoe City, Nevada, U.S.A., 1st September, 1894; 6 years.

**Claim.**—A fire escape consisting of a cage, one or more cables secured to said cage and passing over suitable pulley or rollers, a stay for the outer cable, a signal mechanism operated by the movement of the several parts, means for stopping the cage from the ground, drums mounted on a section or shaft, and having bearings in a framework secured to the building at the base thereof, and upon which, said cable is adapted to be wound, spiral springs encircling said shaft and means for controlling the winding and release of said springs, substantially as described.

**No. 46,931. Bust Form. (Forme de buste.)**

Hannah E. Matthews and Adaline M. Matthews, both of Grand Rapids, Michigan, U.S.A., 1st September, 1894; 6 years.

**Claim.**—A bust form consisting of two connected concave-convex lobes each constructed of a long base gore, obtuse at the upper end, diverging thence upon convex lines to the longitudinal centre, thence converging in a like manner to a point at the lower end, a centre gore straight upon the inner line, broad at the lower end, thence diverging from the centre line upon a convex line to the