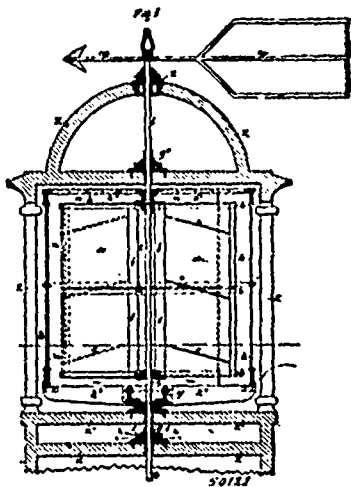


flectors, for the purpose set forth. 7th. The combination, of a separating chamber having a dust discharge and a peripheral outlet for the purified air, a second chamber to receive the air therefrom, said second chamber being also provided with a dust discharge and a peripheral outlet for the purified air, substantially as described.

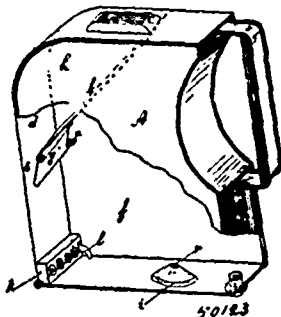
No. 50,122. Wind Mill. (Moulin à vent.)



Westley Henry Fletcher, London, assignee of Sarah Jane Rollason, South Hampstead, England, 1st October, 1895; 6 years.

Claim.—1st. The general arrangement of wind-mill hereinbefore described, comprising a wind wheel rotating round a vertical axis, a shield rotating round the same axis and automatically shifted by means of a vane and an external supporting framing outside both the wind wheel and the shield which may conveniently take the form of an open turret, substantially as described. 2nd. The arrangement for taking the weight of the shield with its spindle and vane, so that such weight does not come upon the working spindle of the wind wheel but is independently supported, substantially as described. 3rd. The combined arrangement for taking the weights of the shield, wind wheel and other moving parts so as to obviate friction, substantially as described. 4th. The construction of wind wheel with its concave sails *a*, ridges *c*, and openings *f*, substantially as described. 5th. The arrangement of the upper bearing *O*, of the wind wheel in combination with the spindle *l* of the shield or vane, substantially as described.

No. 50,123. Conductor's Box. (Boîte pour conducteurs.)



Patrick Coleman, Montreal, Quebec, Canada, 1st October, 1895; 6 years.

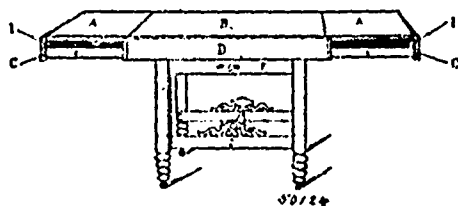
Claim.—1st. In a conductor's box *A*, the combination of the inclined division *B*, with the drop door *G*, dividing in two chambers *H* and *F*, as described. 2nd. In a conductor's box, the drop door *G* provided with a shoulder *N*, as described. 3rd. In a conductor's box, the conical or other box *I*, having a top hole *R*, for introducing shots or other like grains, as described. 4th. In a conductor's box, the combination of the register *K*, with lever *L* worked by the bottom of box *A*, such as described and for the purposes set forth.

No. 50,124. Extension Table. (Table à rallonge.)

Jacob Stadelbauer Knechtel, Hanover, Ontario, Canada, 1st October, 1895; 6 years.

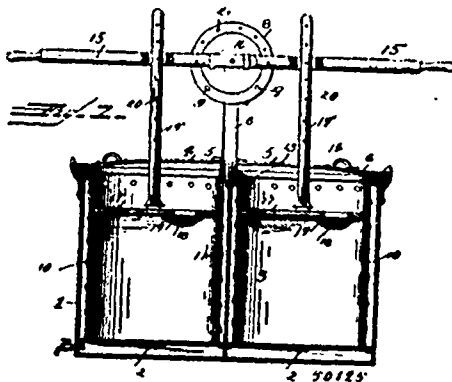
Claim.—1st. An extension table frame having four legs braced near their lower ends, cross-pieces *G* to which the top of the legs are secured, rims *D* secured to the ends of cross-pieces *G*, cross-piece *K*

secured to rims *D* across the centre, partition *H* cut away at the lower end corners and secured to rims *D*, top *B* set in galls at the top of and secured to rims *D*, and blocks *J* fastened to cross-pieces *G*, all arranged and securely united, substantially as and for the purpose



set forth. 2nd. In combination with a table frame, as set forth, extensions at each end of the table frame each, comprising two slide bars *E*, having at their inner ends pins or stops, those of one end extension running inside of and against rims *D*, over cross-pieces *G* and *K*, and under the cut-away ends of partition *H*, and those of the other end extension running inside of and against slide bars *E*, of the opposite extension over cross-pieces *G* and *K*, and under the cut-away ends against the shoulders or partition *H*, and against blocks *J*, rims *G* fastened to the outer ends of slide bars *E*, projecting above said slide bars *E*, and blocks *I* far enough to form a support for an extension leaf, blocks *I* on the outer top ends of slide bars *E*, to form a bearing for the table leaf, and a leaf supported by dowel pins in its edge to top *B*, and on blocks *I* at the outer edge, substantially as and for the purpose set forth.

No. 50,125. Washing Machine. (Machine à laver.)



William Allen Wallingford, Bloomington, Indiana, U. S. A., 1st October, 1895; 6 years.

Claim.—1st. In a washing-machine, the combination with a tub provided with a false perforated bottom, and a partition extending from said bottom and dividing the tub into compartments and alternately vertically reciprocating pounders located in said compartments, substantially as described. 2nd. In a washing-machine, the combination with a tub provided with a false perforated bottom and a partition extending from said bottom and dividing the tub into compartments, cylinders within said compartments and alternately vertically reciprocating pounders located in said cylinders, substantially as described. 3rd. In a washing-machine, the combination with a tub having a perforated false bottom, a partition extending upward from said bottom and dividing the tub into compartments, said partition at its upper end being provided with apertures and vertically reciprocating pounders located within said compartments, substantially as described. 4th. In a washing machine, the combination with a tub provided with a perforated false bottom, and a partition extending upward from said bottom, and having perforations near its upper end, of cylinders located within said compartments and provided with apertures in their upper ends, and vertically reciprocating pounders working within said cylinders, substantially as described. 5th. In a washing-machine, the combination with a tub having a perforated false bottom and a partition extending upward from said bottom and provided with apertures near its upper end, of cylinders located within said compartments and provided with apertures near their upper ends, said cylinders being provided with recesses in their interior walls to form rubbing surfaces, and vertically reciprocating pounders located within said cylinders, substantially as described. 6th. In a washing-machine, the combination with a tub provided with standards, circular jaws secured to said standards and spaced apart, stops arranged between said jaws, operating levers which lap each other and are pivoted to said standards, clips to lock the levers together, pounders connected with said levers and pins to be inserted in the segmental rows of apertures formed in said jaws, substantially as described.