

beams arranged transversely of the box with their bases or flanges abutting and rivetted or bolted together both upon the inside of the box, said beams being bent or curved to provide an arched roof or top, and sides for the box, as specified. 2nd. The herein described amending box comprising 1 beams arranged transversely of the box with their bases or flanges abutting and rivetted or bolted together both upon the inside and outside of the box, said beams being bent or curved to provide an arched roof or top and sides for the box, the bases of the said beams being cut away upon the interior of the box near the lower edges of the sides of the box, and angle strips arranged longitudinally of and within the box upon each side and rivetted or bolted to the 1 beams, as specified.

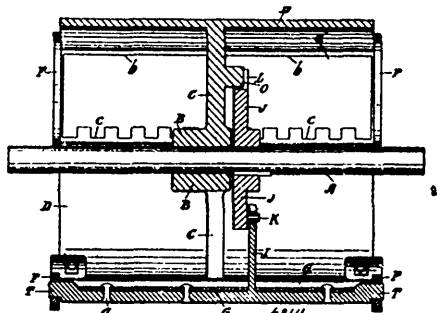
No. 48,110. Catamential Sac. (*Sac catamential*.)



Maud H. E. King, Toronto, Ontario, Canada, 2nd February, 1895; 6 years.

Claim.—A sanitary cloth or diaper consisting of a bag of porous fiber, a filling of disinfected cotton batting within the bag, and means for attaching the sanitary cloth to the waist band, substantially as described.

No. 48,111. Root Cutter. (*Coupe-racine*.)



David Maxwell, sr., St. Mary's, Ontario, Canada, 2nd February, 1895; 6 years.

Claim.—1st. In a root cutter, a pivotal or tilting knife or knives, and suitable means for supporting and operating the same, substantially as and for the purpose set forth. 2nd. In a combined root pulper and slicer, a pivotal or tilting knife or knives, each of which is provided with slicing and pulping edges, and supported over elongated openings, in the face or rim of a drum or other suitably shaped frame or support, substantially as and for the purpose set forth. 3rd. In a root cutter, a drum or other suitable shaped frame or support in the face of which an elongated opening or openings E, are formed, and bridges F, extending across said openings, and the pivotal or tilting knife or knives G, supported in said bridges over said openings, one of the cutting edges being adjusted below and the other above the face of the wheel when in operation, substantially as and for the purpose set forth. 4th. In a root cutter, a drum in the face of which an elongated opening or openings E, are formed, bridges F, extending across said openings, and a pivotal or tilting knife or knives G, and trunnions T, T, the latter being supported in said bridges, so that one of the cutting edges of said knife or knives may be adjusted above and the other below the face of the drum when in operation, substantially as and for the purpose set forth. 5th. In a root pulper and slicer, a drum in the rim or face D, of which an elongated opening or openings E, are formed, and bridges F, extending across said openings, and a pivotal or tilting knife or knives G, each of which is provided with a slicing edge b, and a pulping edge c, in combination with the knife holder H, provided with the trunnions T, T, substantially as and for the purpose set forth. 6th. In a combined root pulper and slicer, the drum S, and collar J, or their equivalent, one rigidly secured to, and the other revolving perfectly free on the shaft A, within a certain limit, and means for limiting the movement of the part revolving perfectly free on the shaft, substantially as and for the purpose set forth. 7th. In a combined root pulper and slicer, the drum S, and collar

J, or their equivalent, one rigidly secured to, and the other revolving perfectly free on the shaft A, within a certain limit, and a recess L, formed in one, and a projection O, on the other, substantially as and for the purpose set forth. 8th. In a combined root pulper and slicer, the drum S, and collar J, or their equivalent, one rigidly secured to, and the other revolving perfectly free on the shaft A, within a certain limit, and a recess L, formed in one, and a projection O, on the other, and means for communicating this limited movement to the knife or knives G, for the purpose of tilting the latter, substantially as and for the purpose set forth. 9th. In a combined root pulper and slicer, the drum S, and collar J, or their equivalent, one rigidly secured to, and the other revolving perfectly free on the shaft A, within a certain limit, and means for regulating or limiting the movement of one independent of the other, a knife or knives G, supported in openings in said drum, arms I, and studs K, substantially as and for the purpose set forth. 10th. In a combined root pulper and slicer, the drum S, and collar J, or other equivalent, one rigidly secured to, and the other revolving perfectly free on the shaft A, within a certain limit, and a recess L, formed in one, and a projection O, on the other, arms I, studs K, a knife or knives G, and means for supporting said knife or knives in or over the openings E, in the drum, substantially as and for the purpose set forth.

No. 48,112. Knock-down Box. (*Boîte pliante*.)

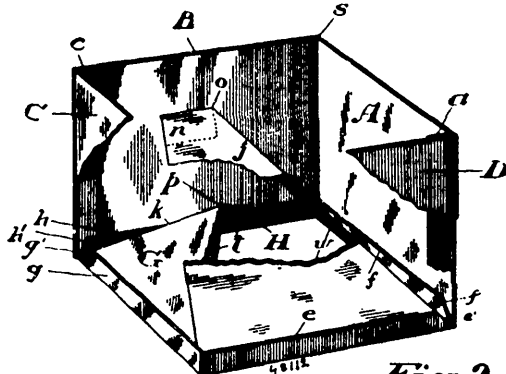


Fig. 2

Frederick George Alexander, Toronto, Ontario, Canada, 2nd February, 1895; 6 years.

Claim.—1st. In a knock-down box, the sides thereof, in combination with an inner folding bottom-piece and an outer folding half-bottom piece, substantially as described and specified. 2nd. In a knock-down box, the sides thereof, in combination with an inner folding bottom-piece, an outer folding half bottom-piece and a lid, substantially as and for the purpose specified. 3rd. In a knock-down box, the four sides thereof formed from two integral pieces which are creased and provided with connecting flaps, in combination with an inner folding bottom-piece provided with connecting flaps, and an outer folding half bottom-piece provided with connecting flaps, the inner folding bottom-piece forming, when unfolded, the bottom of the box and overlying the outer folding half bottom-piece, substantially as described and specified. 4th. In a knock-down box, in combination with the sides thereof which are suitably connected together, an inner folding bottom-piece suitably connected to two adjoining sides and having one corner free and an outer folding half bottom-piece suitably connected to the opposite sides, the inner folding bottom-piece forming when unfolded, the bottom of the box and overlying the outer folding half bottom-piece to the inner corner of which the free corner of the inner folding bottom-piece is gummed when the box is formed, substantially as described and specified. 5th. In a knock-down box of greater length than its width or height, so as to leave the free corner of the inner bottom-piece exposed when the box is folded, the four sides thereof formed from two integral pieces which are creased and provided with connecting flaps, in combination with an inner folding bottom-piece provided with connecting flaps, and an outer folding half bottom-piece provided with connecting flaps, the inner folding bottom-piece forming, when unfolded, the bottom of the box and overlying the outer folding half bottom-piece to the inner corner of which the free corner of the inner folding bottom-piece is gummed when the box is formed, substantially as described and specified. 6th. A knock-down box, comprising the following elements:—the sides A, B, C, D, connecting flaps a and c, crease or fold r, crease or fold s, E, F, the inner folding bottom-piece, connecting flap o, bevelled at e', connecting flap f, bevelled at f', crease or fold j, n, the gummed part on the free corner of the inner folding bottom-piece G, H, the outer folding half bottom-piece g connecting flap, bevelled at g', h connecting flap bevelled at h', crease or fold k, and the lid L, substantially as described and specified. 7th. A knock-down box in which the free corner of the folding bottom-piece is held in place by gum, clip, or otherwise, substantially as described and specified.