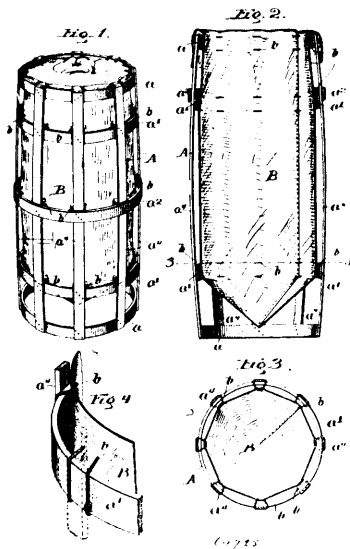


2nd. The improved grain silo comprising a tower A, helical floor B, pipe (or pipes) H, elevator E, shoot F and wheel S all arranged and adapted for use, substantially as described. 3rd. In a grain silo, the use of a helical floor such as B, with or without flaps such as K, K, in combination with means for conveying the grain from one extremity and delivering it at the other, substantially as set forth.

No. 64,728. Banana Shipping Case.

(Caisse d'emballage de bananes.)



Frank Schmitz, Chicago, Illinois, U.S.A., 3rd November, 1899; 6 years. (Filed 27th May, 1899.)

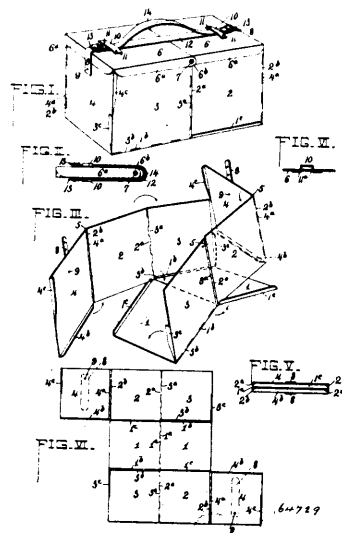
Claim.—1st. The combination with the frame A, provided with top and bottom hoops and outwardly convex vertical slats, of a bag secured to the inside of the frame and a loose intermediate hoop adapted to be crowded from the intermediate portion of the frame to crowd inward the vertical slats and thereby extend and stretch the bag, substantially as described. 2nd. The combination with a suitable rigid crate, of a flexible bag suspended therein and out of contact therewith, by means of laterally extending cords, said bag having a tapered end, centered within the package to partially support the stem of the goods, substantially as described. 3rd. The combination with a longitudinally extensible supporting frame, of a bag hung therein by means of a laterally extending cords, and means for extending the frame longitudinally to stretch the bag, substantially as described. 4th. The combination with a crate, consisting of intersecting or crossing members secured together at the intersections, of a bag hung therein by means of laterally extending cords, secured to the crate at crossings or intersections whereby slipping of said cords in any direction is prevented, substantially as described. 5th. The combination with a supporting frame composed of intersecting or crossing members secured together at the intersections or crossing, of a bag hung within said frame by means of laterally extending cords secured to the bag and to the intersections of the members, said cords being looped about the inner of the intersecting members whereby it is prevented from injury by the adjacent outer intersecting member, substantially as described. 6th. The combination with an open topped frame work, of an open topped bag suspended therein and slit below the top of the frame work, to enable it to be opened outward over the top of said frame work, substantially as described.

No. 64,729. Box. (Boîte.)

Elbert M. Cumard, Westville, and Chalkley C. Hamold, Woodbury, both of New Jersey, U.S.A., 3rd November, 1899; 6 years. (Filed 25th August, 1899.)

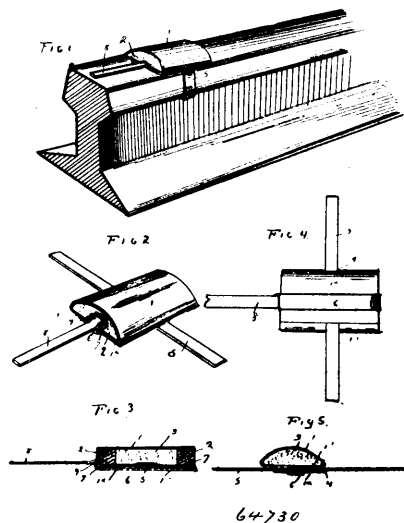
Claim.—1st. A folding box body comprising the bottom pieces hinged together, the sides, each sides consisting of two pieces hinged together, one piece of each side being formed with an intumed lap flange at its vertical outer edge, and hinged to a bottom piece, and the end pieces, each end piece being formed with an intumed bottom lap flange at its vertical outer edge and hinged to one of the other side pieces, substantially as described. 2nd. A folding box body comprising the bottom pieces hinged together, each of the bottom pieces having an upturned lap flange, the sides, each side consisting of two pieces hinged together, one piece of each side being formed with an intumed lap flange at its vertical outer edge and hinged to a bottom piece, and the end piece, each end piece being formed with an intumed bottom lap flange at its

vertical outer edge and hinged to one of the other side pieces, substantially as described. 3rd. A folding box comprising a



body having bottom pieces hinged together, the sides, each side consisting of two pieces hinged together, one piece of each side being formed with an intumed lap flange at its vertical outer edge, and hinged to a bottom piece, and the end pieces, each end piece being formed with an intumed bottom lap flange, and an intumed lap flange at its vertical outer edge and hinged to one of the other side pieces, and the cover consisting of two pieces having downturned lap flanges at their sides formed with ears hinged together and with downward lap flanges at their ends, substantially as described.

No. 64,730. Signal. (Signal.)



Frank Dutcher, Fostoria, Ohio, U.S.A., 3rd November, 1899; 6 years. (Filed 13th September, 1899.)

Claim.—1st. A torpedo of the class described, having a shell of fibrous material fitted with terminal friable plugs adapted to be disintegrated by the explosion of the contents of the shell, substantially as specified. 2nd. A torpedo of the class described, having a folded shell terminally fitted with plugs of cement, and exterior means for connecting the folded edges of the shell, substantially as specified. 3rd. A torpedo of the class described, having a folded shell constructed of a single blank with its edges overlapped at the under side of the torpedo and a clip engaging said overlapped edges and arranged exteriorly thereof, substantially as specified. 4th. A torpedo of the class described, having its shell constructed of a