

The invention relates to the coal-mining industry. A pan is composed of two tapered legs, where the inside faces are made with grade to the side frame symmetry axis, and a grade of external faces is equal to 0.47 -0.53 of the inside faces grade, walls and ganging between wall and each several legs. A legs, wall and ganging are carried out of dissimilar thickness. Wall thickness ratio to a leg thickness in its effective section ranges within 1.0-1.1. The ganging with infinitely variable thickness from wall to leg is carried out cambered.