Oct. 25, 1938. C. GUBERAN 2,134,300

PORTABLE ADVERTISING DEVICE

Filed March 19, 1937

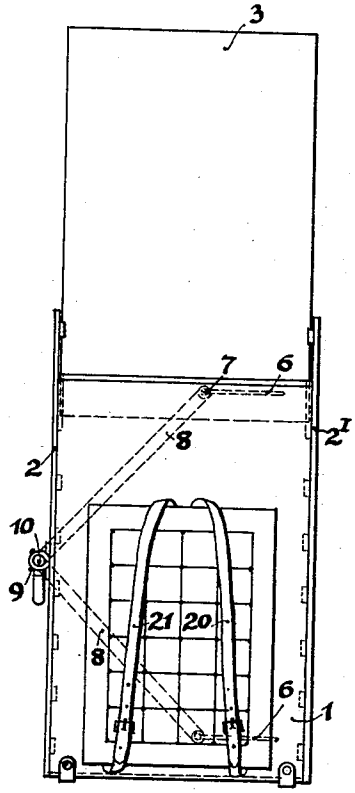


Fig. 1

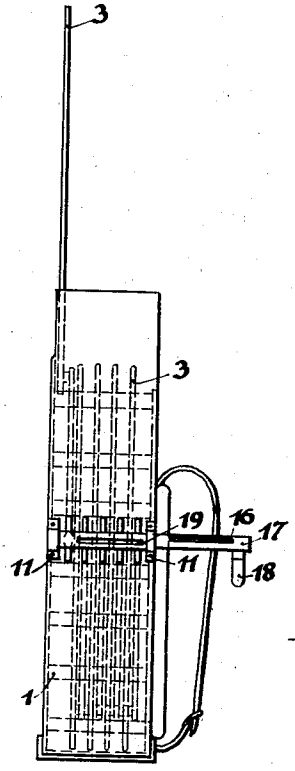


Fig. 2

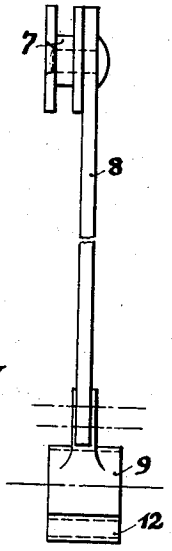


Fig. 4

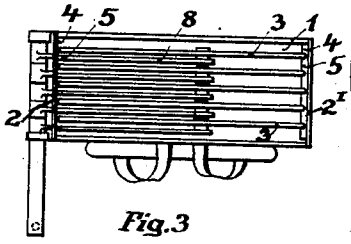


Fig. 3

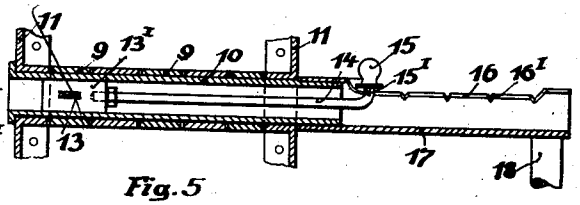


Fig. 5

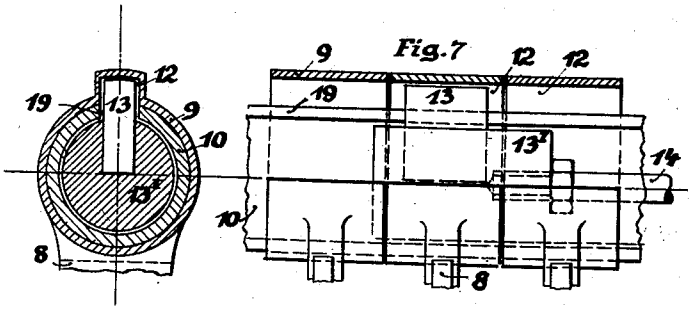


Fig. 6

Fig. 7

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UNITED STATES PATENT OFFICE

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PORTABLE ADVERTISING DEVICE

Christian Guberan, Augsburg, Germany

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In Germany March 27, 1936

1 Claim. (Cl. 40—129)

This invention relates to a portable advertising device provided with a plurality of advertising plates which are slidable in guides, arranged side by side, and can be lifted and lowered selectively and alternately in pairs.

There exist already portable advertising devices in which plates bearing the advertisements can be alternately lifted and lowered by means of a manually operable crank by the intermediary of chains and ropes, the ends of which can be shoved into, and withdrawn or released from, slots of a drum with the aid of clamping marks.

The type of portable advertising devices referred to in the preceding paragraph suffers from the drawback that their chain-gearings or rope-gearings expand very soon after repeated use, so that the respective gearings which are likewise arranged side by side are liable to intertwist when the device is carelessly carried or set down with a shock, whereby reliable lifting or lowering of the advertising plates will be rendered impossible.

Besides, the repeated manual turning of the crank in order to lift and to lower the advertising plates is an operation which strains the carrier of the device considerably so that it is difficult for him to show a certain definite number of plates in a certain described period of time.

The several drawbacks from which the known advertising devices of the above-mentioned type suffer are completely overcome by and in my present improved device which renders possible an easy, quick and oftentimes repeated exchange of the advertising plates without unduly fatiguing the bearer and operator.

I attain the object in view by providing every advertising plate in its lower portion with a horizontal slot in which a lever equipped by means of a sliding roller is guided, said lever being supported with its hub on a hollow axle which can be coupled with an adjustable bolt by the intermediary of a nose thereof which extends through a slot of said shaft, whereby the advertising plates to be shown can be easily lifted and lowered by turning a handle by 90 degrees.

The invention is illustrated diagrammatically and by way of example in the accompanying drawing:

Fig. 1 is a rear view of the portable advertising device.

Fig. 2 is a side-view of Fig. 1.

Fig. 3 a top plan-view of Fig. 1.

Figs. 4 to 7 show details.

On the drawing, 1 (Figs. 1 and 2) denotes the casing, 2 and 2[1] are the sides of the same, and 3 denotes the advertising plates which are guided in guide members 4 and 5, Fig. 3. In order to reduce the weight of the plates 3 as much as possible without reducing their necessary rigidness, they are made of a light metal and provided with smooth or bordered edges. The plates 3 bear advertisements or pictures on both sides; these advertisements or pictures can be exchanged, of course, for other ones from time to time.

Every advertising plate has in its lower portion a long horizontal slot 6 Fig. 1 in which a sliding roll 7 Fig. 4 is shiftable; this roll is attached to the upper end of a lever 8.

At the other end of this lever 8 is a hub 9 through which the lever is supported on a hollow axle 10 that is guided in bearings 11. The hub 9 of the lever 8 is provided with a slot 12 extending along the entire axial length of the hub; into this slot is shoved a nose 13 when the advertising plate just in coupling connection with the lever 8 is to be lifted or lowered. Said nose 13 is guided in a longitudinal slot of the hollow axle 10 and extends through said slot at right angles with respect to a piston 13[1] which is firmly connected with an adjustable bolt 14 having at its other or free end a grip 15; the arrangement and shape of which is such that it can be shoved into the slot 12 of the lever 8 pertaining to the advertising plate to be lifted or lowered.

Over the axle 10 is shoved a tubular extension 17 having a longitudinal slot 16 through which extends the outwardly bent end of the bolt 14 to which the grip 15 is attached. To the free end of the tubular extension 17 is affixed a grip 18, by means of which said extension can be shifted, as well as turned, whereby also the bolt 14 will be turned and thus the previously adjusted advertising plate will be lifted or lowered, according to the direction of rotation.

At the slot 16 are notches 16[1], and the grip 15 is provided with a nose 15[1] which can engage any of said notches, so that thereby the extension 17 and the bolt 14 will be coupled with one another. When this has taken place, the previously adjusted advertising plate can be lifted or lowered, as just suited.

The casing 1 is equipped with two suitably disposed belts 20 and 21, by means of which the advertising device can be fastened on the back of a man. When the man is walking, he can adjust any desired advertising plate housed in the casing and can lift it or lower it, as just proper, by turning the grip 18, as described, so that all said plates can be shown after one another in a certain definite succession or selectively, as desired. Ad-

vertising goods or whatever else it may be in this way, by having the device carried along streets, over places, and so on, has been proved to be extraordinarily successful.

I claim:—

A portable advertising device comprising in combination a casing open at the top and closed at the bottom, two straps for attaching the casing to the back of a porter, a plurality of plates vertically slidable in said casing each plate having a horizontal slot near its lower end, a pair of brackets arranged in horizontal alignment on one side of said casing, a horizontal hollow axle rotatable in said brackets and having a longitudinal slot, a piston slidable in said axle, a handle carrying said piston and projecting from the front end of said axle, said handle adapted to shift said piston in said axle and rotate said axle, a nose on said piston projecting through said slot, a plurality of hubs arranged side by side on said axle each hub having a slot designed to receive the end of said nose projecting through the slot in said axle, to lock said hubs against independent rotation in relation to said axle, levers each fixed at one end to one of said hubs, and rollers one mounted on the other end of each lever and each shiftably engaging in the slot in one of said plates, an extension on the front end of said axles having a longitudinal slot with a plurality of notches adapted to lock said handle in its adjusted position with the nose of said piston in engagement with the hub of one of said levers, and a handle on the front end of said extension adapted to turn said extension and said axle with the hub engaged by said nose to swing upwards the lever carried by said hub and raise one of said plates through the intermediary of the roller on the other end of this lever.

CHRISTIAN GUBERAN.