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FOLDABLE SEAT ATTACHMENT FOR BENCHES.
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This invention relates to a foldable seat attachment for benches, which may be readily foldable to occupy a limited space for transportation.

The invention consists of the novel construction, combination and arrangement of parts as described herein and claimed, and as illustrated in the accompanying drawing, wherein,—

Figure 1 is a side view of the device. Fig. 2 is a rear view and Fig. 3 is a front view of the same. Fig. 4 is a view of the device when collapsed or folded. Fig. 5 is a perspective view showing the device applied to a bench.

Referring now to the drawing for a more particular description, the device consists, in part, of a rectangular seat-frame 6 and a rectangular back-frame 7, the lower end of the back-frame being pivotally connected with the rear part of the seat-frame by means of the angular strips or plates 8, the latter preferably being arranged in pairs as shown in the drawing, and mounted upon the side-strips a of the seat and side-strips b of the back and held by any suitable means, the means shown herein for this connection being the pair of cross-strips or rods c and d, best shown in Fig. 2, and operating, respectively, to connect the pair of strips a, and the pair of strips b, other cross-strips or rods e also being employed.

At 9 and 10 are respectively indicated webs of fabric, canvas or similar flexible material, the web 9 being suitably secured to the strips a of the frame 6, and the web 10 being secured to the strips b of the frame 7.

As thus described, the rectangular frame 55 may swing to a position substantially parallel with and into engagement with the frame 6, strips a and b being approximately of the same length. Numerals 11 indicate a pair of curved clamping-members or hooks, each having its shank journaled in a cap or equivalent holder 12, these caps being mounted on the front ends of the strips a to permit a swinging movement of the clamps.

A rearward swinging movement of the back is limited by means of the pairs of links 13 and 14, these being employed in pairs and pivotally connected at their inner ends as indicated at 15, the links 13 having a pivotal connection, as indicated at 16, with the strips 70 of the back, and each link 14 being provided with a slot 17 for receiving a keeper 18, the latter being mounted on the strips 7 of the seat.

In operation, the device may be placed upon the horizontal seat 19 of a bench, the hooks 11 engaging the lower side thereof, as shown in Fig. 5, the device providing a comfortable back-rest for a person using it as a chair, the stresses directed to the back, incident to its use, being adequately sustained by the arrangement of the pivotally connected links 13 and 14, the pair of clamps 11 permitting the occupant to incline the body rearwardly but effectively preventing disengagement of the chair seat from the bench by rearward stresses, and preventing any swinging movement of the device, the canvas or web 9 preventing contact of the clothing of the occupant with the seat 19, the latter often being covered with dust. The use of the device will be appreciated by all who attend public gatherings where benches are provided for seating an audience, for the reasons stated, that the benches are not provided with backs, and generally are constructed for temporary use only.

It will be noted that, by means of the hooks, the back and seat may be maintained in collapsed relation, said hooks, for this purpose being swung substantially a half-circle for engaging the back, the parts then being substantially as shown in Fig. 4 of the drawing.

While I have described construction in detail, I do not wish to be understood as limiting myself in this respect, and minor details may be changed as may be found to
be of advantage, and changes in form, size
and proportion of parts may be made within
the scope of the invention as claimed.

I claim,—

1. In a foldable seat attachment for
benches, a seat, a back having a mounting on
the seat to permit it to be folded thereon
and also to have a swinging movement out-
wardly therefrom, means to limit the out-
ward swinging movement of the back from
the seat, a plurality of hooks carried by the
seat for engaging the bench when the back
has been swung outwardly, each hook being
adapted to have a swinging movement for
engaging the back when said back has been
folded upon the seat.

2. In a foldable seat attachment for
benches, a seat, a back hingeably connected
with the seat to permit it to lie in folded re-
lation therewith and to be swung outwardly
therefrom, means to limit the outward
swinging movement of the back from the
seat, and a hook mounted in the front part
of the seat for removably engaging the bench
when the back has been swung outwardly
from the seat, said hook being arranged to
have a swinging movement for engaging the
back when the latter is disposed in folded re-
lation with the seat to maintain the seat and
back in said folded relation.

3. In a foldable seat attachment for
benches, a rectangular seat, a pair of hooks
each having a shank mounted in the front
part of the seat for removably engaging the
bench, a rectangular back mounted upon
the rear part of the seat and adapted to be
moved into engagement with and to be
swung outwardly from the front part of the
seat, means to limit the swinging movement
of the back outwardly from the front part
of the seat, each of said hooks being adapted
to have a swinging movement when disen-
gaged from the bench to engage the back
when the latter has been moved into engage-
ment with the front part of the seat.

In testimony whereof I have affixed my
signature in presence of two witnesses.

ADOLPH H. HOLM.

Witnesses:

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ARTHUR H. STURGES.