

No. 646,655.

Patented Apr. 3, 1900.

P. W. BRAMWELL.  
COVERING FOR OUTDOOR SEATS.

(Application filed Nov. 7, 1899.)

(No Model.)

FIG. 3.

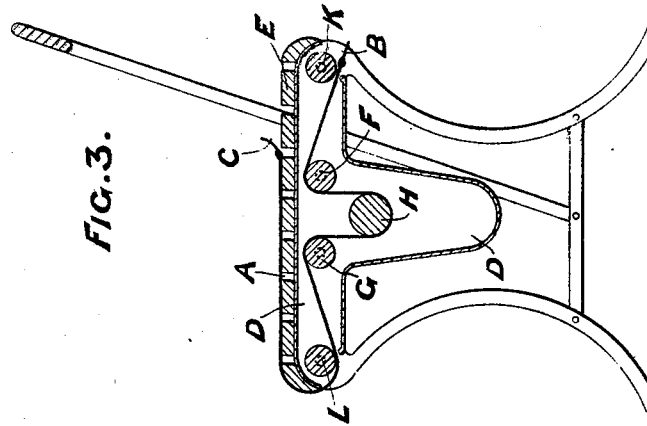


FIG. 2.

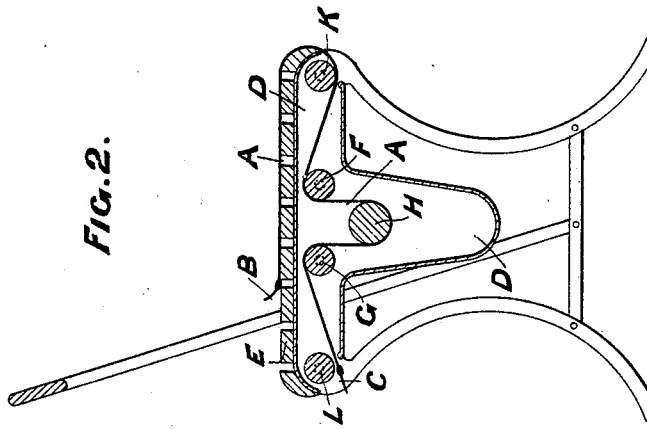


FIG. 7.

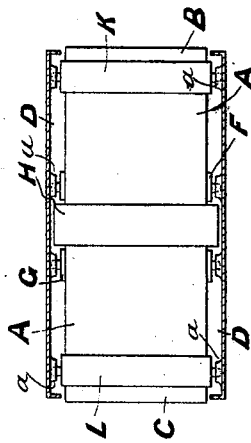
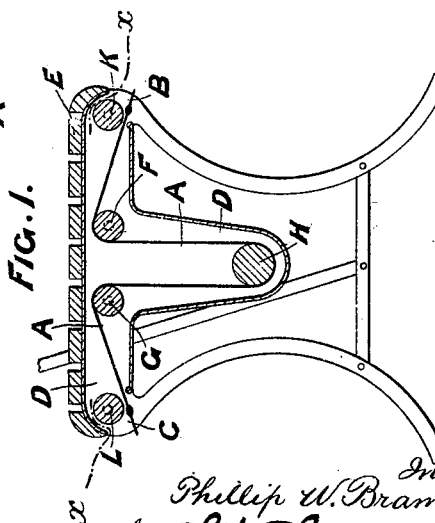


FIG. 1.



Witnesses  
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# UNITED STATES PATENT OFFICE.

PHILIP WATSON BRAMWELL, OF LEEDS, ENGLAND.

## COVERING FOR OUTDOOR SEATS.

SPECIFICATION forming part of Letters Patent No. 646,655, dated April 3, 1900.

Application filed November 7, 1899. Serial No. 736,107. (No model.)

*To all whom it may concern:*

Be it known that I, PHILIP WATSON BRAMWELL, a subject of the Queen of Great Britain and Ireland, residing at No. 4 Dodsworth Court, Briggate, in the city of Leeds, county of York, England, have invented a certain new and useful Improved Covering for Outdoor Seats, (for which I have made application for a patent in Great Britain, No. 7,578, bearing date April 11, 1899,) of which the following is a specification.

My invention relates to a covering for outdoor seats; and my object is to construct the same so that it may be drawn into position over the seat when it is required to provide a dry surface and when released it returns to its normal position, where it is kept dry until again required for use.

Referring to the drawings, Figure 1 is a sectional side view showing a seat fitted with a covering constructed according to my invention; and Figs. 2 and 3 are similar views showing the same seat and covering, with the latter in the two positions in which it is used. Fig. 4 is a sectional plan below the line  $x x$  of Fig. 1.

A is a flexible covering having two free ends B and C, the enlarged edges of which project from horizontal slots in a casing D. The casing D is attached to the under side of a seat E, and rollers F and G support the covering A, which is kept taut by means of a weighted free roller H, the latter being supported by the covering A within the casing D. Guide-rollers K and L are provided at the openings in the casing D for the purpose of enabling the covering A to be pulled out from either side with the minimum of friction. The pivots of the rollers F G and K L are in bearings  $a a$  on the seat-frame, as shown by dotted lines in Fig. 4.

When it is required to cover the upper surface of the seat E, so as to expose a dry surface, the flexible covering A is drawn out by taking hold of its free end B and turned over upon the seat E, as shown at Fig. 2, and the weight of the person sitting down keeps the covering A in position. On the person rising from the seat E the covering A is released and quickly drawn down into the casing D, by means of the weighted free roller H, back to its normal position, as seen at Fig. 1,

where it is kept dry until again required for use.

Fig. 3 shows the seat E with its reversible back M thrown over, so as to accommodate a person sitting in the opposite direction to that of Figs. 1 and 2, in which case the flexible covering A is drawn out by taking hold of its free end C and turning it over the said seat E, as shown.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination with a seat and a frame for supporting the same, of a casing below said seat and having openings at opposite sides, a flexible covering for the seat within said casing, the free ends of said covering projecting from said openings so that the covering may be drawn out from either side of the casing to cover the seat, and a weighted roller occupying a loop of the covering material within said casing for drawing the covering material off the seat and within the casing, substantially as specified.

2. The combination with a seat and its frame, of a casing below said seat and having openings at opposite sides, a flexible covering material for the seat within said casing and having its two free ends with enlargements thereon projecting outside said openings, means for supporting said flexible covering within said casing, and a weighted free roller in a loop of the covering material to draw the covering material off the seat and within the casing, substantially as specified.

3. The combination with the seat and its frame, of a casing below the seat and having openings at opposite sides, the flexible covering material A having its two free ends with enlargements thereon projecting outside said openings, the pivoted rollers F, G, and K, L, for supporting and guiding said flexible covering material and a weighted free roller H, in a loop of said covering material to draw the covering material off the seat and within the casing, substantially as specified.

4. The combination with the seat and its frame, of a casing below said seat having openings at opposite sides, the pivoted guide-rollers K, L adjacent to the openings in the casing, the pivoted rollers F, G, centrally between the rollers K, L, the flexible cover-

ing material for the seat having enlargements  
upon its ends, said covering material passing  
over the rollers F, G and downward so as to  
form a loop, and with the free ends passing  
5 out of the casing and beneath the rollers  
K, L, and a weighted free roller H, in the loop  
of said material, substantially as specified.

In witness whereof I have hereunto set my  
hand in presence of two witnesses.

PHILIP WATSON BRAMWELL.

Witnesses:

GRIFFITH BREWER,  
JOHN JOWETT.