

Sept. 15, 1936.

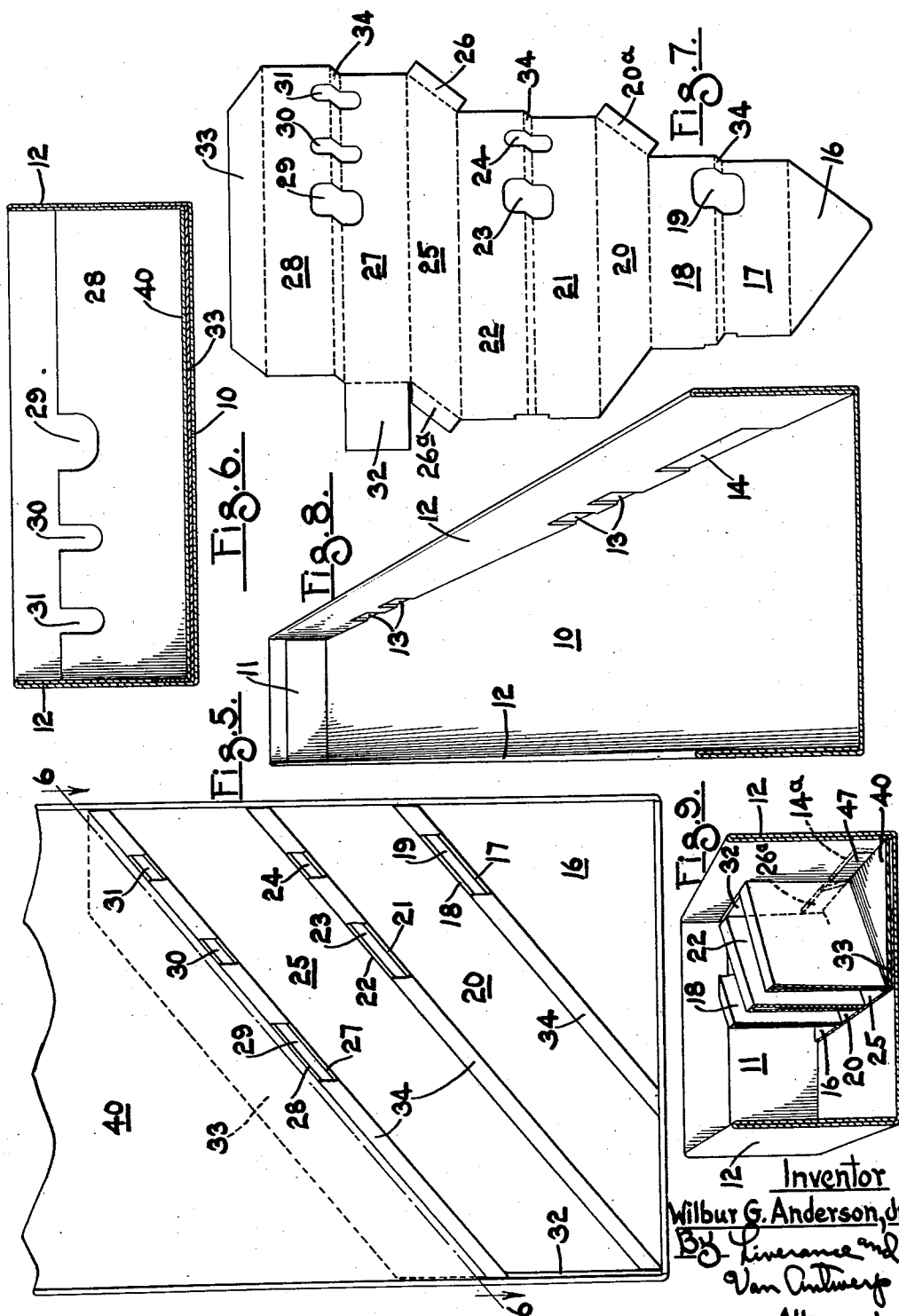
W. G. ANDERSON, JR

2,054,355

GOLF CLUB SHIPPING AND DISPLAY BOX

Filed Oct. 21, 1935

2 Sheets-Sheet 2



Inventor
Wilbur G. Anderson, Jr.
By *Liverance and Van Antwerp*
Attorneys

UNITED STATES PATENT OFFICE

2,054,355

GOLF CLUB SHIPPING AND DISPLAY BOX

Wilbur G. Anderson, Jr., Grand Rapids, Mich.,
 assignor to American Box Board Company,
 Grand Rapids, Mich., a corporation of Michigan

Application October 21, 1935, Serial No. 45,844

5 Claims. (Cl. 206-44)

This invention relates generally to an improved foldable carton adapted to receive elongated headed members for shipping and displaying and more particularly to a combined shipping and displaying box for golf clubs.

One of the main advantages of my construction is the construction wherein any chosen golf club may be removed from the carton in which they are shipped and displayed without hindrance from any of the remaining clubs. In other words, the customer or the clerk can simply lift the desired club from its position and replace it in exactly the same position without causing any displacement of the adjacent clubs. Thus the clubs are maintained in the same relative position whereby the display remains in its originally designed and preferred arrangement and where the respective positions of the clubs are recognized by the clerk.

Another advantage resides in my provision of auxiliary means for tightly holding the shafts of the several clubs against any movement during shipping or transfer of the clubs. Thus the clubs do not become marred in any manner during the shipping thereof. This auxiliary means is pressed downwardly against the medial portion of the shafts thus placing them under very slight tension whenever the cover is placed upon the carton, the cover pushing against and holding the auxiliary means in its operative position. This auxiliary means is also adapted to carry and advantageously display advertising.

Another very material advantage resides in my construction wherein no glue is needed or utilized in the attachment of the club supporting means within the carton proper. Furthermore, along this same line, the supporting means for the golf clubs may be folded to a flat position. This is a great help during shipping and in fact it is almost a necessary desideratum. Thus the supporting means can be shipped in flat bundles and can quickly be installed in the carton proper inasmuch as glue is not required. Thus the cartons are ready for use immediately after assembly. And the assembly is easily and quickly accomplished without tools due to my invention.

Another feature resides in my novel construction of the holding shelves and the shaft holding means, the latter resting upon an extension of the former to aid in holding it in place.

Other advantages of my invention will become apparent as the description proceeds.

In the drawings:

Fig. 1 is a top view of the carton packed ready for shipping, the cover being removed.

Fig. 2 is a sectional longitudinal view taken through Fig. 1.

Fig. 3 is an enlarged sectional view taken along the line 3-3 of Fig. 1.

Fig. 4 is a sectional view taken along the line 4-4 of Fig. 1.

Fig. 5 is a plan fragmentary view, somewhat enlarged, of one end of the carton.

Fig. 6 is a sectional view taken along the line 6-6 of Fig. 5.

Fig. 7 is a diagrammatic view showing the blank from which the shelves are folded. The dotted lines show the position of the various folds.

Fig. 8 is a perspective view of my carton, one end being cut away.

Fig. 9 is a fragmentary sectional view of one end of my carton showing the shelves in place therein.

Like numerals refer to like parts throughout the several views.

Referring particularly to Figs. 1, 2, and 8, numeral 10 indicates the bottom of a carton which has ends 11 and sides 12, these sides being return bent so as to be of double thickness and having their terminal portions notched whereby a series of slots 13 and larger slots 14 and 14a are formed. The bottoms 10, together with the sides and ends 12 and 11, are adapted to be shipped while in a flat position and then folded upwardly to form the completed lower part of the carton.

Numeral 15 indicates the top of the carton, see Fig. 2, this having depending portions 15a which are adapted to be located in the plane of the top 15 while being shipped and then being folded at the point of use of the carton and held in this position by any suitable means.

Referring now to Fig. 7, numeral 16 indicates a triangular shaped portion which is received in one corner of the box. Portions 17 and 18, having an opening 19 therethrough, are shaped as shown in Fig. 7 and are adapted to be folded as shown in Figs. 2 and 9.

A portion 20, having a flap 20a is connected to the portion 18, and continued in portions 21 and 22 and has openings 23 and 24.

The portion 20 is adapted to lie against the bottom 10 of the carton with the flap 20a, see Fig. 2, being received in a part of the recess 14. This recess 14 is clearly shown in Fig. 8.

The portions 21 and 22 are folded together whereby the openings 23 and 24 become slots, and a portion 25, having flaps 26 and 26a, rests against the bottom 10 with the flap 26 in another portion of the recess 14. The flaps 21 and 26 thus partly secure the folded shelf portion

shown in blank in Fig. 7, in a position against the bottom of the carton. The flap 26a is positioned in a portion of the recess 14a, see Fig. 9.

The next portions 27 and 28 of the blank, 5 having openings 29, 30 and 31, are folded together. The portion 27 has a flap 32 which is of such length as to fit between the shelf formed by the portions 21 and 22 and the shelf formed by portions 27 and 28. See Figs. 1 and 5. The 10 flap 32, when in said position, prevents the upper corner of the shelf, formed by portions 27 and 28, from tilting downward and also overlaps flap 26a in recess 14a.

The blank terminates in a flap 33, shown in 15 dotted lines in Fig. 5, this flap lying against the bottom 10.

Each of the sets of flaps, namely 17 and 18, 21 and 22, and 27 and 28, are connected by a short portion designated by the numeral 34, 20 whereby the two members forming each shelf are held in spaced relationship thus materially strengthening them and also increasing the efficiency of the slots in the shelves. In this regard, the openings of the slots 19, 24 and 31 25 are in alinement whereby the handle of a club may extend therethrough. Also, slots 23 and 30 are similarly alined for an identical purpose.

A flat member 40 of substantially rectangular shape is adapted to lie against the bottom of the 30 carton. This member 40 has triangularly shaped ribs 41 and 42 bent upwardly and cut to form a series of slots 43 and 44. Also, flaps 45 extend from the bottom 40 adjacent each end and adjacent each side of the rib 41. Similarly, flaps 46 35 extend from like points adjacent the rib 42. One end of the member 40 terminates square to fit one end of the carton while the other end is diagonally cut so as to abut against the side member 28 of the top shelf.

40 Flaps 47 extend from each side of the diagonally cut end and one of these flaps is received in the unoccupied portion of the slot 14, previously referred to, while the other is received in the unoccupied portion of the slot 14a located 45 in the side 12 of the carton. See Fig. 9.

From the description just recited, it will be understood that the auxiliary bottom 40 may be shipped in a flat condition and then folded to its operative position. The flaps 45 and 46 serve 50 to hold the member 40 against the bottom 10 and also hold the ribs 41 and 42 in supporting position. The flaps 47 hold the end of the auxiliary bottom 40 against the flap 33, see Figs. 2 and 9, and thus aid in holding the shelf construction 55 in rigid operative position.

A cardboard member 50, having slotted ends 51 with slots 52 located so as to rest and very slightly bend the shafts of the clubs, see Figs. 1, 2, and 4, is inserted medially of the carton and 60 held by the cover 14 during the shipment of the golf clubs. The flat upper surfaces of the member 50 may carry advertising which will be exposed when the carton is open.

The golf clubs 60, see Fig. 1, are packed as

shown and are individually removable and replaceable from and into the carton. Each is individually supported although, if relatively heavy strain occur, as during shipping, the shelves and clubs will aid in maintaining each other in position. 5

Having thus described this invention, I claim as new and desire to secure the following combinations and elements, or equivalents thereof by Letters Patent of the United States: 10

I claim:

1. A golf club shipping and display box of rectangular shape having a length slightly greater than the golf clubs which are to be placed therein and having width sufficient to house the 15 clubs with their heads in nesting relationship, a plurality of partitions extending diagonally across one end of the box, said partitions being spaced sufficiently to receive the head of a golf club therebetween and having slots cut therein 20 for the passage of the handles of the golf clubs and means for holding the partitions in rigid relationship whereby the golf clubs may be individually removed as desired.

2. A combination with a carton of sufficient 25 size to receive a plurality of golf clubs having heads extending therefrom, of an integral member having a series of spaced parallelly located partitions of sufficient spacing to receive the heads of golf clubs therebetween, and means for 30 fastening the said integral member into one end of the carton with the partitions located substantially parallel to the heads of the said golf clubs.

3. A carton for receiving elongated objects 35 with enlarged heads thereon comprising a series of diagonal shelves extending across one end of the carton, said shelves being sufficiently spaced to receive the heads of the objects therebetween and being one less in number than the number of objects, and means spaced from the shelves 40 for maintaining the heads of the objects between the several shelves with the exception of the uppermost head, this head merely resting upon the uppermost shelf.

4. A golf club shipping and display box of 45 rectangular shape having a length slightly greater than the golf clubs which are to be placed therein and having width sufficient to house the clubs with their heads in nesting relationship, a plurality of partitions extending diagonally 50 across one end of the box said partitions being spaced sufficiently to receive the head of a golf club therebetween and means for holding the partitions in rigid relationship whereby the golf clubs may be individually removed as desired. 55

5. A combination with a carton of sufficient 55 size to receive a plurality of golf clubs, of an integral member having a series of spaced partitions of sufficient spacing to receive the heads of golf clubs therebetween, and means for fasten- 60 ing the said integral member into one end of the carton with the partitions parallel to the heads of the golf clubs.

WILBUR G. ANDERSON, Jr.