

(No Model.)

H. SCHWEIBOLD.

DISPLAY MODEL.

No. 398,658.

Patented Feb. 26, 1889.

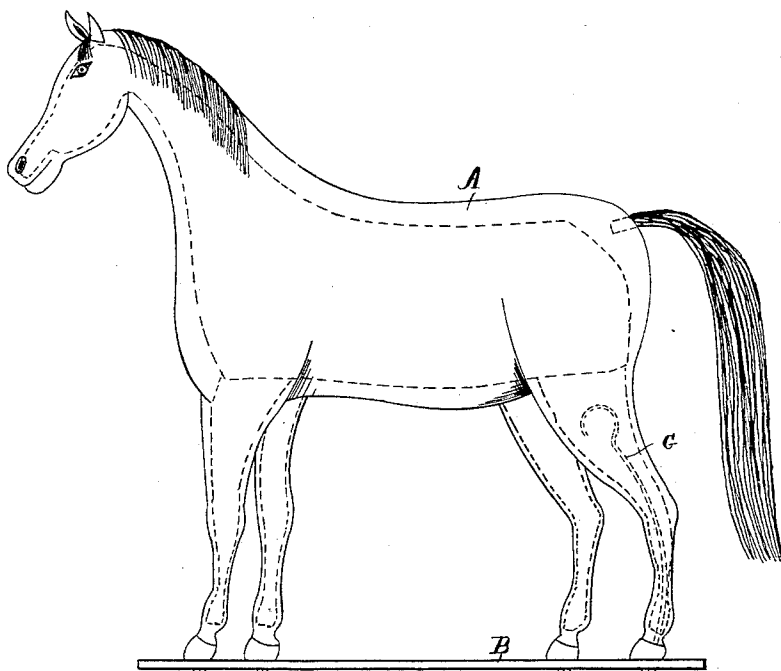


FIG. 1.

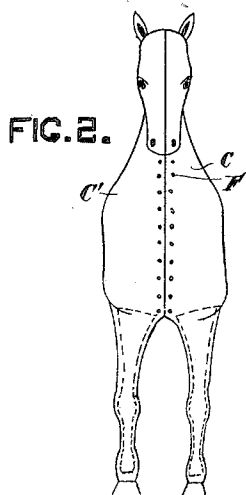


FIG. 2.

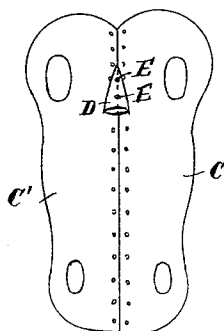


FIG. 4.

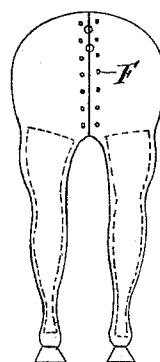


FIG. 3.

WITNESSES

Charles J. Webster.

D. C. Watson.

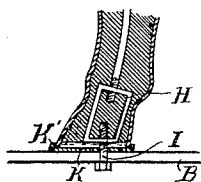


FIG. 5.

INVENTOR.

Henry Schweibold

By William Webster

Att'y

UNITED STATES PATENT OFFICE.

HENRY SCHWEIBOLD, OF TOLEDO, OHIO.

DISPLAY-MODEL.

SPECIFICATION forming part of Letters Patent No. 398,658, dated February 26, 1889.

Application filed October 2, 1888. Serial No. 286,966. (No model.)

To all whom it may concern:

Be it known that I, HENRY SCHWEIBOLD, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented certain new and useful Improvements in Display-Models; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it ap-
10 pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My invention relates to the construction of
15 display-models of the character employed in displaying harness, robes, and other kinds of merchandise, and has for its object to simplify the construction and cheapen the manufacture by constructing the model of few parts,
20 and also to manufacture the model of a material that shall render the same light and strong.

In the branch of the art to which my invention belongs it has been usual to form the
25 model of several parts, some of metal, strongly bolted together, upon which the frame or body part is secured. This construction not only increases the parts and forms openings at the point of juncture, but renders the fitting of
30 the same expensive and necessitates the employment of metal parts that increase the weight of the model to that extent that it is expensive of transportation and inconvenient to move.

In the construction of my improved form of display-model I overcome these objections
35 by forming the parts that compose the legs, body, and head of but two sections, each side consisting of a longitudinal vertical section molded or formed of a plastic material—as,
40 for instance, of wood pulp, paper fiber, or analogous substance—the two parts being joined and held firmly assembled by means of a stay-piece within the frame or body portion, to which the edges are secured by nails
45 or tacks, the only piece supplemental to the body as thus secured being the sheath, which is secured thereto by two bolts or rivets.

In the drawings, Figure 1 is a side elevation
50 of a display-model constructed in accordance with my invention, shown as firmly se-

cured to a platform for convenience of transportation. Fig. 2 is a front and Fig. 3 a rear view of the same with the platform omitted. Fig. 4 is a bottom plan view of the model,
55 showing the means of securing the two sections together, and also the mode of securing the sheath to the same. Fig. 5 is a detail view illustrating the manner of securing the legs to the platform and an interposed shoe
60 between the foot and platform.

A designates the complete model mounted upon a platform, B. The model is composed of two sections, C C', and the sheath D, secured to the parts when assembled by bolts
65 or rivets E, as shown in Fig. 4. Each section comprises the entire side of the model, the legs, neck, and head being formed integral therewith, these sections being united by bringing the edges of the two sections in align-
70 ment and securing the same by nails F, driven into a strip of wood, (shown in dotted lines in Fig. 1,) which extends around the inner contour of the body portion.

In forming the sections I employ either a
75 form of the desired shape, over which the body portion is shaped, or a mold or die having the desired shape, the wood pulp, paper fiber, or analogous substance being prepared and rendered of the desired plastic consist-
80 ency. If a form is used over which the material is spread, there are employed molds or dies in conjunction therewith, which, when closed, have an interior contour of the size and form of the legs—that is, the fore and
85 hind leg of one side—and into which the plastic material is forced in a sufficient quantity to completely encircle the mold and be compressed outwardly against the inner sides of the mold, thereby forming a central opening
90 throughout the length of the leg, into which is forced a core, as shown in dotted lines in Figs. 1, 2, and 3, of plaster-of-paris, cement, or an analogous substance adapted to solidify and secure in place certain fastening devices,
95 to be presently explained. If the entire side is formed by molds or dies the portion into which the side, neck, and head section is formed is connected with the molds for the legs in the same manner as has been heretofore
100 explained and so that the side will be formed with all the parts integral.

In each leg and within the core is placed a rod, G, having the upper end thereof bent to embrace a large amount of the material of the core, the lower end of the rod being threaded and screwed into an iron, H, of turn-buckle form, solidly embedded within the core at the foot portion, as shown in detail in Fig. 5.

I is a threaded bolt designed to be passed through the platform B from the under side and the threaded end thereof screwed into the lower horizontal portion of the turn-buckle.

K designates a shoe having a slightly-up-turned flange, K', which encircles the foot when the same is placed therein, and serves to protect the same from the action of dampness or from fracture, the shoe being held in place by being clamped between the foot and platform.

In assembling the parts to form a complete model the inner wooden strip is secured to one side by means of nails or tacks F, with one-half of the width of the strip protruding outwardly from said section. The opposite section is now placed against the side first prepared, with the protruding portion of strip of wood telescoping therein, and the section is secured in place by the nails or tacks F. The adjunctive parts—as the ears, mane, tail, and sheath—are now secured in proper position, and the model finished in any desired color and ornamentation, after which the legs are secured to the platform by first inserting the feet into the shoes and then drawing the legs firmly to the platform by means of bolts I.

From the above description it will be seen that there are no seams at the joinder of the legs and body or of the neck and the same, and that there are no sectional pieces required, with the expense of fitting necessary to prepare them for a proper fit.

What I claim is—

1. A display-model formed of two hollow side sections conforming to the contour of an animal, the legs being formed integral therewith, and an interior holding-strip also formed to correspond to the interior contour of the body of the model, said sections being united by nails driven through the adjoining edges into the holding-strips, substantially as described.

2. A display-model comprising two hollow side sections formed of plastic material, and having legs formed with a central core, the sections being united at their adjoining edges to a central holding-strip, said model being secured to a platform by rods and turn-buckles embedded within the central core of the leg-sections, and a bolt passed through the platform, substantially as described.

In testimony that I claim the foregoing as my own I hereby affix my signature in presence of two witnesses.

HENRY SCHWEIBOLD.

Witnesses:

WILLIAM WEBSTER,
DAVID E. WATSON.