(No Model.)

S. F. DENTON.

DEVICE FOR MOUNTING ENTOMOLOGICAL SPECIMENS.

No. 522,883. Patented July 10, 1894.

Fig. 1.

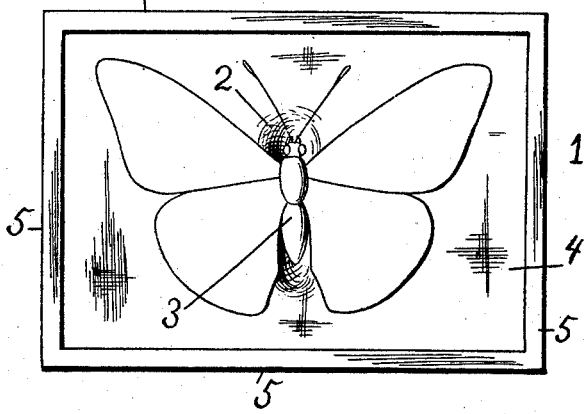


Fig. 5.

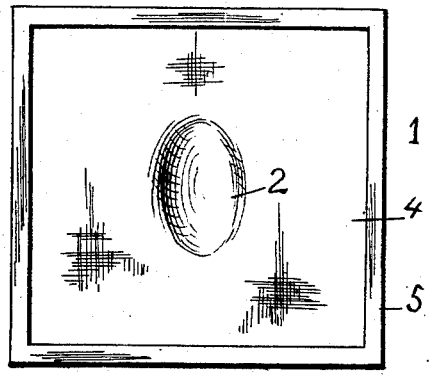
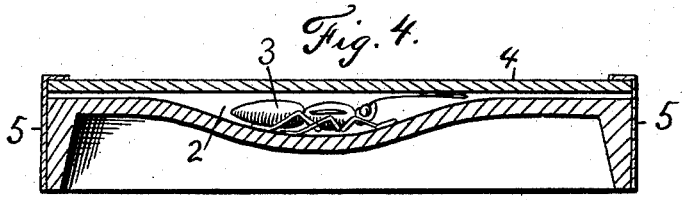


Fig. 2.

Fig. 3.

Fig. 4.



Witnesses.

Fred. L. Gaskell.

Edw. S. Duvall, Jr.

Inventor;

Sherman F. Denton.

UNITED STATES PATENT OFFICE.

SHERMAN F. DENTON, OF WELLESLEY, MASSACHUSETTS.

DEVICE FOR MOUNTING ENTOMOLOGICAL SPECIMENS.

SPECIFICATION forming part of Letters Patent No. 522,883, dated July 10, 1894.

Application filed January 16, 1894. Serial No. 497,101. (No model.)

To all whom it may concern:

Be it known that I, SHERMAN F. DENTON, a citizen of the United States, residing at Wellesley, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Means for Preparing Objects of Natural History; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to means for mounting various objects of natural history upon a suitable support or backing, in a permanent manner so that said objects will be indefinitely preserved and kept for inspection and reference, and the invention consists in the means hereinafter fully described, illustrated in the drawings and pointed out in the appended claims.

In the drawings: Figure 1 is a plan view illustrating the manner of mounting a specimen upon the backing or support. Fig. 2 is a vertical section thereof. Fig. 3 is a view similar to Fig. 2, showing a different construction of the backing. Fig. 4 is a vertical section of Fig. 1 taken at right angles to Fig. 2. Fig. 5 is a plan view showing the support without the specimen.

In carrying out my invention I provide suitable means adapted to serve as a support or backing for the article, object or specimen to be mounted thereon, which backing or support may be constructed of any suitable or desired material, such as plaster-of-paris, paper, wood, wood-pulp, metal, celluloid, hard rubber, &c., and said backing may also be constructed in any suitable or desired external shape whether square, rectangular, round, oval or other shape, and it may also be made in various sizes so as to adapt it to receive a number of specimens if desired.

In the drawings, 1 indicates the backing or tablet which may be constructed of any desired material and have any dimensions as above set forth, and within said backing or tablet I form at any point therein, preferably toward its center, a depression or cavity 2. The size and shape of said depression or cavity may vary and will depend upon the size and shape of the specimen to be received therein.

Inasmuch as I intend to apply my invention simply to mounting specimens of natural history, I usually give to the depression or cavity, a somewhat elongated concave shape to adapt it to receive the body of the specimen, whether it be a butterfly, dragon fly, grass-hopper, or the like, and usually make the depression sufficiently deep to receive the body of the specimen so that it will lie flush with the upper surface of the tablet, or substantially so, whereby I am enabled to secure over the specimen so mounted, a transparent plate, preferably of glass, whereby the specimen will be preserved and adapted to be readily viewed at any time.

A further advantage resulting from the formation of the depression 2, resides in the fact that the specimen is adapted to be more conveniently mounted on the tablet since the wings of the same may thus be laid out flat on the upper surface of the tablet and secured in such position, thus bringing out in better relief the various markings of the specimen, which would not be the case were the depression or cavity 2 not provided, as in such case it would be impossible to spread the wings of the specimen flat on the tablet.

3 indicates any suitable specimen mounted on the tablet, the body of which specimen is contained within the depression and having its wings spread out flat on the tablet, all as shown.

4 indicates any suitable transparent plate, preferably of glass, said plate being arranged over the specimen and being secured to the tablet in any suitable manner. I preferably give to the plate 4 a shape and size corresponding to the tablet and secure said plate in position by means of strips 5, of paper or the like, pasted to the sides of the tablet and being folded down over the ends of the plate 4 and pasted thereto. Thus the plate will be firmly secured in position and serves to seal the specimen to thereby preserve the same indefinitely and keep it from injury.

If desired the tablet may be made solid as seen in Fig. 2 or it may be made hollow at the back as seen in Figs. 3 and 4.

By making the tablet in various lengths a variable number of specimens may be mounted thereon.

The advantages to be derived from the use

of my invention will be readily seen and appreciated, especially by entomologists and collectors of specimens of natural history.

What I claim, and desire to secure by Letters Patent, is—

1. The herein-described means for mounting entomological objects and other specimens of natural history and the like, consisting in a backing or tablet with a concave depression or cavity therein adapted to receive the body of the specimen so that it will lie flush with the upper surface of the tablet, the portion of said upper surface surrounding the depression being flat and affording a support on which may rest the wings or other projecting parts of the specimen, and a transparent plate covering the specimen and the tablet, substantially as described.

2. The herein-described means for mounting entomological objects and other specimens of natural history and the like, consisting in a backing or tablet molded or cast from some suitable plastic material with a concave depression or cavity therein adapted to receive the body of the specimen so that it will lie flush with the upper surface of the tablet, the portion of said upper surface surrounding the depression being a plain flat surface on which the projecting wings or other parts of the specimen may be spread, and the transparent plate fitting down neatly over the flat surface of the tablet and covering it as well as the specimen, substantially as described.

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

SHERMAN F. DENTON.

Witnesses:
ALBERT JENNINGS,
MABEL A. DADMUN.