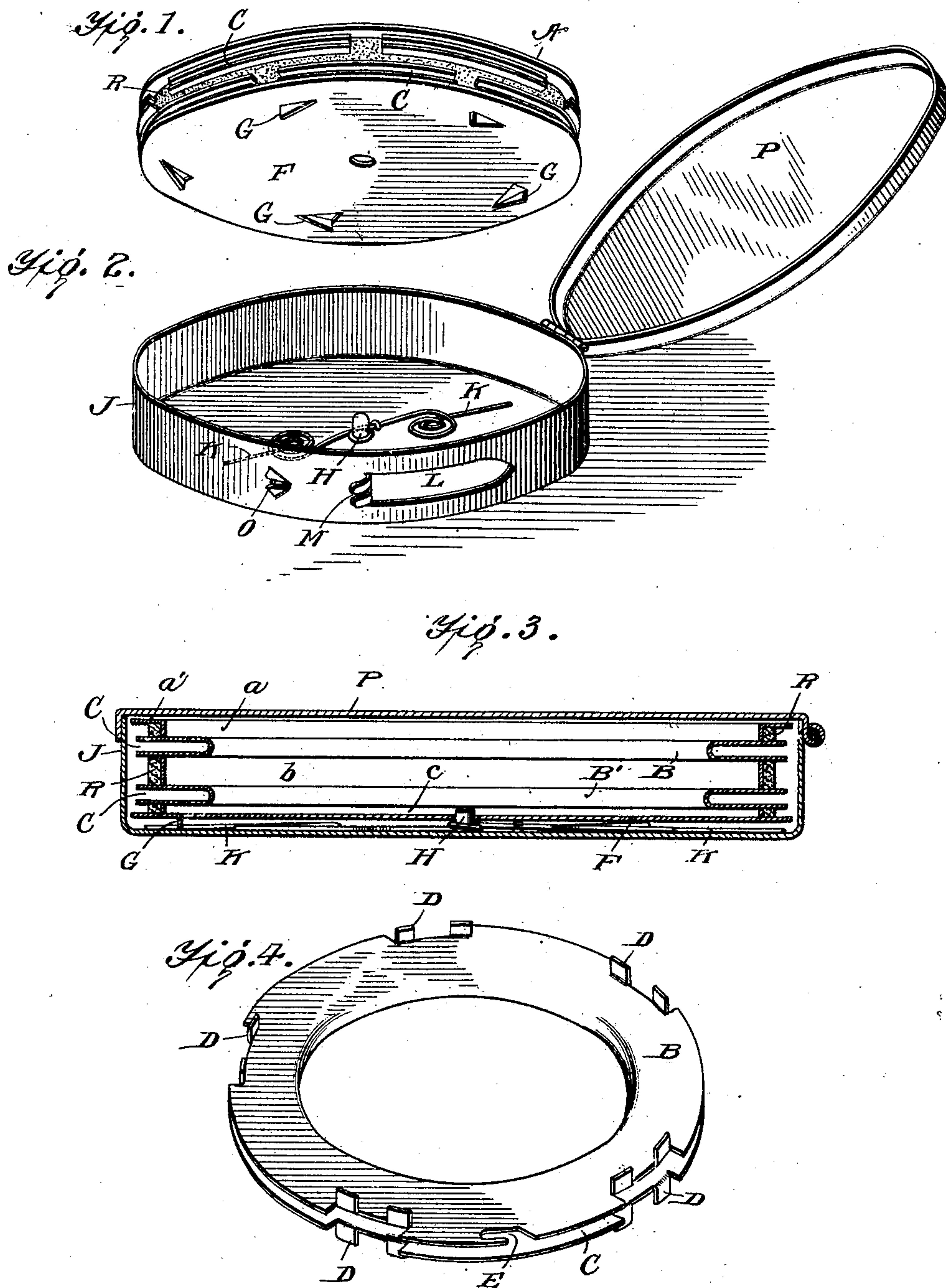


M. M. SCHANEY.
SNELLED HOOK BOX.
APPLICATION FILED AUG. 27, 1908.

920,663.

Patented May 4, 1909.



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MICHAEL M. SCHANEY, OF DUBOIS, PENNSYLVANIA.

SNELLED-HOOK BOX.

No. 920,663.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed August 27, 1908. Serial No. 450,554.

To all whom it may concern:

Be it known that I, MICHAEL M. SCHANEY, a citizen of the United States, and a resident of Dubois, in the county of Clearfield and State of Pennsylvania, have made certain new and useful Improvements in Snelled-Hook Boxes, of which the following is a specification.

My invention relates to boxes for carrying snelled hooks.

It is well known that in order to have the snells in the best possible condition for immediate use, they should be kept moistened.

My invention consists in the provision of a moistening box for containing a number of snelled hooks, the snells of which can be kept in a moistened state, and the hooks themselves are protected from injury or from entanglement with the other hooks.

In order to carry out my invention I provide a cylindrical box having therein a spring-actuated reel, on the periphery of which I arrange a moistening pad. The reel is provided with grooves whereby the hooks may be protected, together with devices for keeping the snells taut and always accessible and in a condition to be used immediately.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the reel removed from the casing. Fig. 2 is a perspective view of the open box or casing. Fig. 3 is a central section through the box and the inclosed reel. Fig. 4 is a detail view in perspective of the hook protector.

Referring now to Fig. 1, A denotes in general a reel which is constructed in the following manner. A flat ring, preferably of aluminium or brass, has its edges turned back by spinning, or otherwise, until they form an annular body B, provided with a peripheral groove C. At intervals along the edges, lateral projections D are formed, these projections constituting attaching members herein-after described. The upper edge of one of these annular disks is provided with a slot E. Two such disks B, B', as above described, are provided, and are connected together through the medium of the annular backing rings a, b, c, as clearly shown in Fig. 3, these rings engaging the inner sides of the upturned flanges D and being securely fastened thereto. The upper backing ring a is provided with an outwardly turned flange a'. Secured to the lower disk B' is the bottom F, which is pro-

vided with downwardly extending triangular lugs G, these lugs being preferably punched from the plate itself, as shown in Fig. 3. The bottom F has a central opening for registration with a pivot pin H, which projects upwardly from the bottom part of the hinged casing or box J. Disposed on the bottom of the box J is a double acting spring K, which is looped around the pivot pin H and is provided with two oppositely extending spring arms. On one side of the box, in the rim thereof, is an opening L, and at the end of this opening are two projections arranged to form a fork, provided with a slot M, while located immediately in line with the slot M is another slot O, formed by punching two oppositely inclined pieces from the side of the box. The box J is provided with a hinged cover P, which fits tightly over the edge of the casing to protect the reel and its contents. In the groove formed between the edges of the disks B and B', and also between the edge of the disk B and the upper flange a' and the edge of the disk B' and the bottom F, are placed strips of felt R.

The operation and use of my improved snelled hook box may be readily understood from the foregoing description of the various parts. In the use of the reel the felt R is first moistened. A snelled hook is then placed in the slot E with its point projecting into the groove C, while the snell is led around the moistening strip of felt as far as it will go. The next hook is caught in the loop of the first one and its snell is wound around the felt cushion, and then a third hook placed on the reel and so on, the snells of all the hooks being brought into contact with the moistening felt. The reel is then placed within the casing and the end of the last loop is run through the opening L. A slight pull on the snell will cause the projections G on the bottom of the reel to engage the spring arms K so that when the snell is pulled farther the reel is under spring tension. The loop is now caught in either one of the slots M or O, formed by portions struck up from the side of the casing, and the reaction of the spring holds the snell fast. The cover is then closed and the box may be carried about without any danger of the hooks becoming entangled, and at the same time keeping the snells in a moist condition and ready for use. In taking the snells off, the reel is turned against the tension of the spring,

the loop is unhooked and the snelled hook may be removed. The loop of the succeeding snell is then brought around through the opening L and secured in one of the slots M or O. The provision of a spring-acting reel, as well as of the two securing slots M and O, provides for snells of different lengths.

The space within the center of the reel may be used for other snelled hooks, and as those on the outside of the reel are used up, others from the center can be placed on the reel as occasion requires.

The provision of overlapping alternate grooves on the periphery of the reel, as shown in Fig. 1, provides means for protecting the hooks wherever they may happen to be when the snells are being wound upon the reel. With this arrangement the point of the hook may be inserted in the groove at any point, thereby providing for snells of different lengths.

I claim—

1. In a snelled hook box, a reel provided with alternate series of shallow and deep annular grooves, a strip of moisture retaining material in said shallow grooves, a casing provided with a pivot in the bottom thereof and a holding device, springs disposed in the bottom of said casing and secured to said pivot, and projections in the bottom of said reel arranged to engage said springs.

2. In a snelled hook box, a reel provided with a plurality of shallow grooves in the periphery thereof, a strip of moisture retaining material in each of said grooves, other peripheral grooves alternating with said shallow grooves, a casing provided with a pivot arranged to form a journal for said reel and provided with a holding device, springs in said casing, and means on said reel for engaging said springs.

3. In a snelled hook box, a casing provided

with a pivot and a holding device, an annular reel rotatably mounted on said pivot and provided with peripheral grooves, certain of said grooves having moisture retaining material therein, springs arranged in the bottom of said box, and projections on the bottom of said reel to engage said springs.

4. In a snelled hook box, a casing provided with a central pivot and having an opening in the side thereof, securing members arranged near said opening on the outside of said casing, a spring-actuated reel mounted for rotation on said pivot and provided with peripheral grooves, and moisture retaining material in certain of said grooves.

5. In a snelled hook box, a casing provided with a central pivot and having fastening means on the side thereof, a spring-actuated reel mounted on said pivot and provided with grooves having moisture retaining material therein, and hook protecting grooves alternating with said first-named grooves.

6. In a snelled hook box, a casing, a spring-actuated reel pivotally mounted in said casing and provided with moisture retaining material on the periphery thereof, means cooperating with said springs for retaining the snells of hooks in close proximity to said retaining material, and means for protecting the end of the hooks so carried.

7. In a snelled hook box, a casing provided with a holding device, a spring-actuated reel for retaining snells in cooperation with said holding device mounted in said casing, means carried by said reel for moistening the snells wound thereon, and means for protecting the hooks.

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