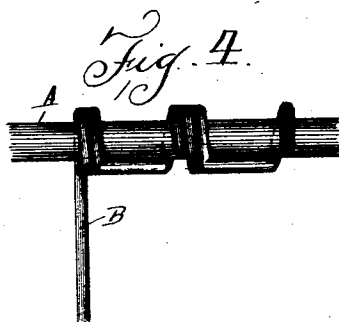
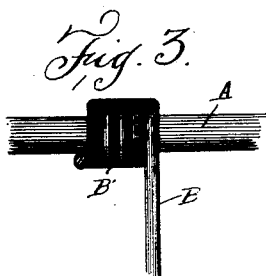
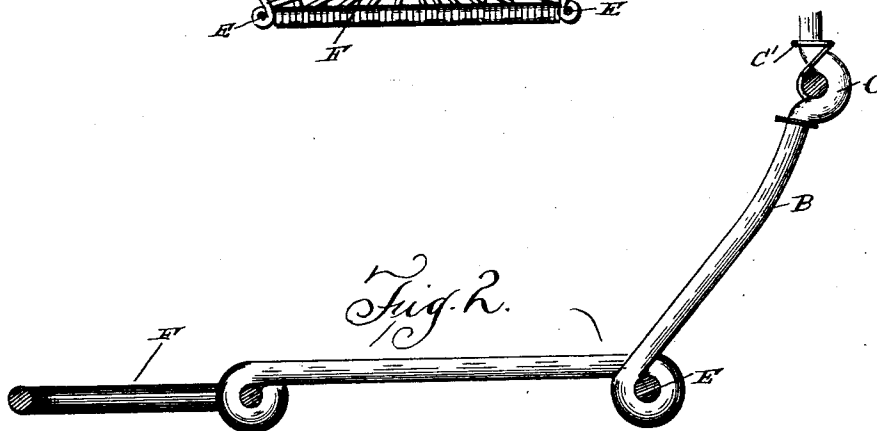
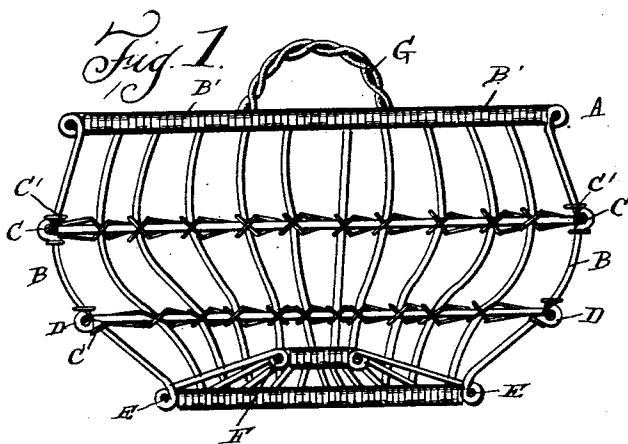


(No Model.)

A. J. MUNGER.
WIRE BASKET.

No. 586,342.

Patented July 13, 1897.



WITNESSES
J. Gregory
N. H. Mason

INVENTOR
Andrew J. Minger
by John Wedderburn
Attorney

UNITED STATES PATENT OFFICE

ANDREW J. MUNGER, OF ANTWERP, OHIO.

WIRE BASKET.

SPECIFICATION forming part of Letters Patent No. 586,342, dated July 13, 1897.

Application filed August 17, 1896, Serial No. 803,037. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. MUNGER, a citizen of the United States, residing at Antwerp, in the county of Paulding and State of Ohio, have invented certain new and useful Improvements in Wire Baskets; 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 relates to an improvement in wire baskets; and it consists of certain improvements in the construction of the same which makes a basket more rigid and stronger than an ordinary basket.

In the drawings, Figure 1 is a sectional view of my basket. Fig. 2 is an elevation of one of the wires of my basket, showing the manner in which it is bent. Fig. 3 is a side view of the coil at the upper end of one of the side-wires. Fig. 4 is a view showing a slightly-different manner of forming the upper ends of these wires.

The object of my invention is to produce a basket out of wire which shall be of such a construction that it may be cheaply formed and when made shall be strong and rigid.

The wires B, forming the sides of the basket, are coiled at their upper ends, as shown in Fig. 3. The coil B' is made of such a size as to fit snugly over the heavy wire rim A. The coil is also made of such a length that it acts as a spacer to keep adjacent wires the proper distance apart.

Between the top and bottom of the basket the side wires are kinked, as shown at C and D. There may be one or more of these kinks. I prefer two in the ordinary size of the basket. In these kinks and running around the basket are wires C'. Wires are bound to the side wires by fine copper wire and may in addition be grimped, so that they will not slide upon the side wires in either direction. These wires C', which pass entirely around the basket, serve to determine the diameter of the basket at that point, and consequently the shape of the basket.

At the bottom corner of the basket the wires D are given one or more turns about a large steel wire E. This wire is united at its ends and forms a large ring and defines the diameter of the bottom of the basket. A por-

tion of the side wires D are continued from this point toward the center of the basket and are given a turn about the central ring F. This central ring F is of comparatively small diameter.

It will ordinarily be sufficient that each alternate side wire B should be continued toward the center. The proportion, however, may be made anything desired.

A handle G, which I have shown, is made of a stiff steel wire having smaller wires coiled about the same and fastened to the upper rim of the basket by having the central wire thereof coiled one or more times about the rim of the basket.

In Fig. 4 I have shown another manner of spacing the wires about the rim of a basket. In this the wire B is given a little more than one complete turn about the wire A. It then extends parallel to the wire A and is then given a turn about the same. This latter end bears against the first turn of the wire adjacent and serves to hold the two separate. This form of construction, however, does not make as good an appearance as the other described.

This basket, as described, forms a basket having great stiffness and yet is springy. It possesses great strength, and yet is comparatively light. It cannot well be broken and will outwear any form of wooden basket. It can be produced at a comparatively small price, all of the work of bending the wires being done by simple and cheap machinery.

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

1. In a wire basket, the combination of top and bottom rims composed of stiff steel wires with the side wires, said side wires being coiled about the top and bottom rim wires, so that the said coils may act as spacers for the side wires, said side wires being uniformly kinked at one or more points intermediate their length, and a spacing wire or wires bound to the same at the kink, substantially as described.

2. In a wire basket, the combination of top and bottom rims composed of stiff steel wires with the side wires, said side wires being coiled about the top and bottom rim wires, so that the said coils may act as spacers for

the side wires, a portion of said side wires being continued from the lower-rim wire toward the center, and a ring in the center of the bottom of the basket around which the ends of said side wires are bent, substantially as described.

3. In a wire basket, the combination of top and bottom rims composed of stiff steel wires with the side wires, said side wires being coiled about the top and bottom rim wires, so that the said coils may act as spacers for the side wires, said side wires being uniformly kinked at one or more points intermediate their length, and a spacing wire or

wires bound to the same at the kink, a portion of said side wires being continued from the lower-rim wire toward the center, and a ring in the center of the bottom of the basket around which the ends of said side wires are bent, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ANDREW J. MUNGER.

Witnesses:

J. M. CHORPENING,
W. H. WILKINS.