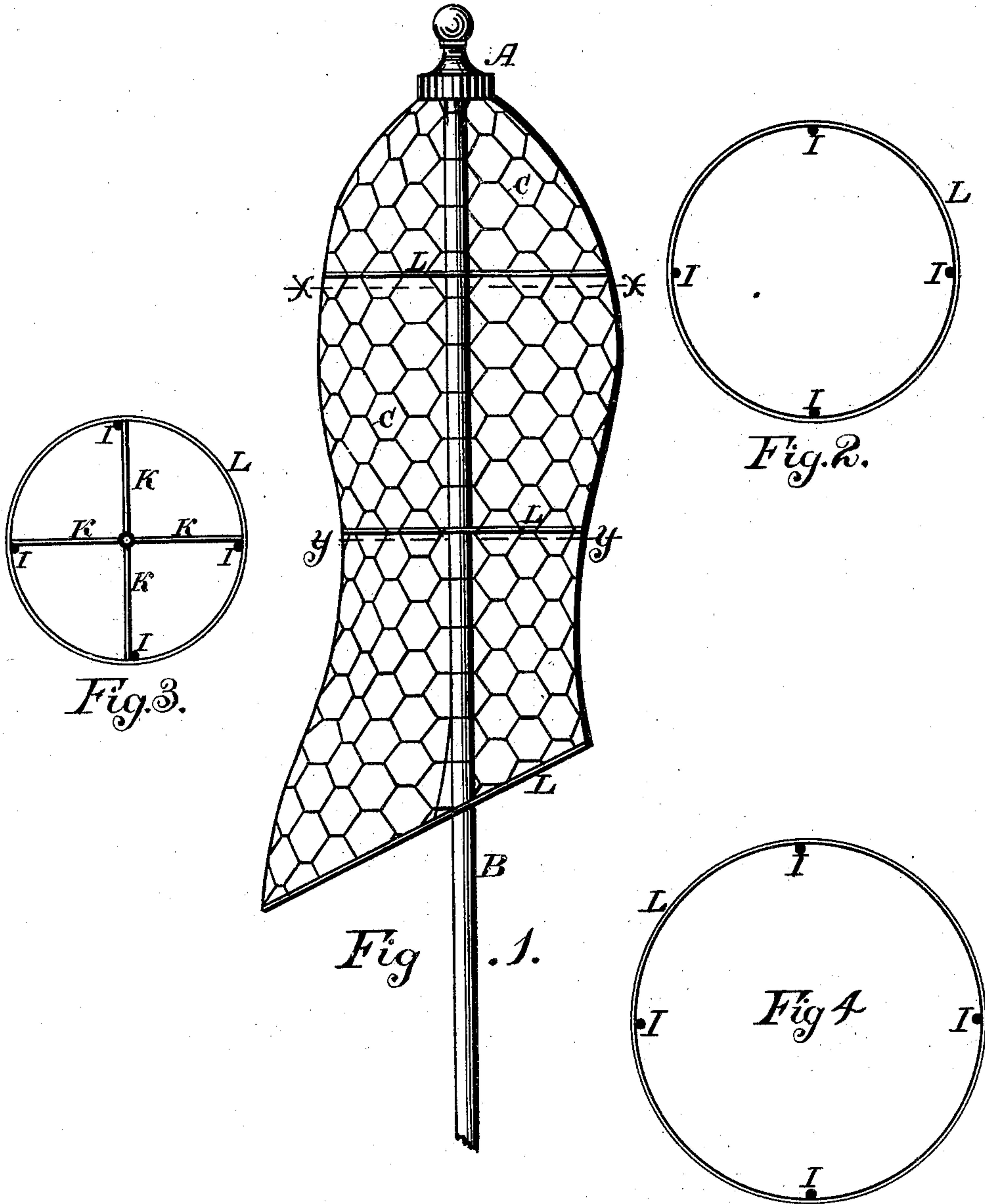


(No Model.)

T. L. SMITH.
WIRE CLOTHES FORM.

No. 257,398.

Patented May 2, 1882.



Witnesses
Charles B. Lothrop,
Edwin Sweetser

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UNITED STATES PATENT OFFICE.

THEODORE L. SMITH, OF DETROIT, MICHIGAN.

WIRE CLOTHES-FORM.

SPECIFICATION forming part of Letters Patent No. 257,398, dated May 2, 1882.

Application filed January 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, THEODORE L. SMITH, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Wire Dummy Forms, of which the following is a specification.

In the drawings, Figure 1 is an elevation of my invention. Fig. 2 represents a stiffening-ring just above line *x x*, Fig. 1. Fig. 3 is a stiffening-ring placed just above line *y y*, Fig. 1; and Fig. 4 is a stiffening-ring forming the lower edge of the form.

The object of my invention is to provide a simple, substantial, and cheap wire dummy form, and to such an end my invention consists in a seamless woven-wire netting, combined with strengthening-rings, wires attached to said rings for connecting with a pole or standard, and a top piece recessed for the reception of the latter, all of which will be more fully hereinafter described.

Wire clothes-forms as now made consist of vertical and horizontal wires bent to the proper shape and soldered together at their points of contact. Skilled labor is required to make them, and when made they are not durable, as the solder which holds the wires together soon gives way.

A is a top piece, fitted to receive the pole or standard B, and fastened to the top of the clothes-form.

C C is a netting of wire woven in the exact shape required. The mesh shown in the drawings is hexagonal, but this is not material.

L represents wire rings placed within the netting C at different points for the purpose of stiffening the form.

I represents vertical wires running from top to bottom of the form, soldered or fastened to

rings L, and following the contour of the form. K K are rods or wires fastened to one of the stiffening-rings L, and having a hole at their point of junction, through which passes pole or standard B.

The process of constructing my invention is as follows: I take a form (wooden) of the required size and shape, made sectional, like a boot-tree, and upon it place the stiffening-rings L, one being at the top of the form, one at the bottom, and one or more between these. I then begin at the small ring at the top of the form, lying within top piece, A, in the drawings, and weave a continuous seamless wire-netting around the whole form or mold, following closely the outline thereof, and fasten the ends of the wires used to the lower stiffening-ring. The sectional form or mold is now withdrawn from the wire-netting, the wires K placed in position and fastened, and the top piece, A, placed over the stiffening-ring at the top of the form and fastened thereto. In order to strengthen the form vertically the wires I, hereinbefore mentioned, may be employed; but such I do not deem absolutely essential. The result is a cheap, simple, and exceedingly durable wire clothes-form.

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

A wire dummy form composed of a seamless woven-wire netting, in combination with rings L, rods or wires K, and a top piece, A, recessed for the reception of a supporting-standard, substantially as described.

THEODORE L. SMITH.

Witnesses:

CHARLES B. LOTHROP,
EDWIN SWEETSER.