

T. S. Sperry.

Hoop Skirt.

N^o 46718

Patented Mar. 7, 1865.

Fig. 1

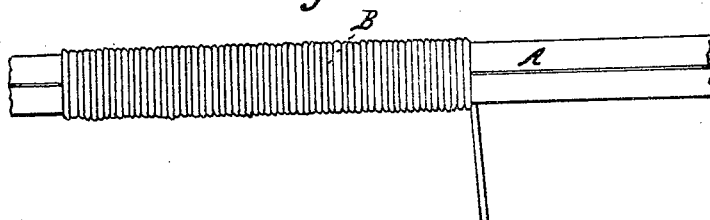
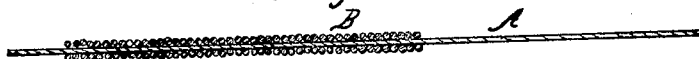


Fig. 2



Witnesses

J. P. Hall

Wm. F. McManara

Inventor

T. S. Sperry

UNITED STATES PATENT OFFICE.

T. S. SPERRY, OF NEW YORK, N. Y.

IMPROVEMENT IN THE MANUFACTURE OF SKIRT-WIRE.

Specification forming part of Letters Patent No. **46,718**, dated March 7, 1865.

To all whom it may concern:

Be it known that I, T. S. SPERRY, of the city, county, and State of New York, have invented a new and useful Improvement in the Manufacture of Skirt-Wire; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a side elevation of my invention. Fig. 2 is a longitudinal section of the same.

Similar letters of reference indicate like parts.

Skirt-wire as now manufactured is covered with cotton or other fibrous material laid on by braiding, or in any other suitable manner. Since the price of cotton has gone up during the last few years, a covering produced from such material is expensive; but besides this disadvantage it is also found that a covering made of cotton or other fibrous material is not very durable, and liable to peel off after a short time, whereby the skirt becomes deranged.

To avoid these disadvantages is the object of this invention, which consists in the use of thin metal wire in place of cotton or other fibrous material for the purpose of covering skirt-wire, said wire to be applied by braiding or simply by winding it on in such a manner that a permanent and durable covering for the skirt-wire is obtained, which will effectually protect said wire and not be liable to peel off or wear out.

A represents a piece of skirt-wire made in the usual manner, either single or double, as

may be desirable. This wire is covered by metal wire B, which may be wound on, as shown in the drawings, or which may be braided on in the same manner as cotton thread, or which may be applied in any other suitable manner. For this purpose of covering skirt-wire I use, by preference, iron or brass wire, which is tinned or coated with zinc, or otherwise rendered non-corrosive, and by using such wire a covering can be produced which will give to the skirt-wire a very handsome appearance, and which also will be durable and not be liable to come off; but if the use of such non-corrosive wire should be too expensive for general use, ordinary plain iron or brass wire may be used, and if the same is thin enough and properly annealed it can be laid on by braiding precisely like cotton thread or other fibrous material, and considering the present high price of cotton the metal-covered skirt-wire will be able to compete advantageously with the skirt-wire covered in the ordinary manner.

I do not claim covering a central core of metal with a wrapping or coil of wire, as that has been before practiced; but

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

The above-described skirt-wire, as an article of manufacture, consisting of a close-coiled covering of wire, with a non-corrosive surface, over a central skirt wire, substantially as described and represented.

T. S. SPERRY.

Witnesses:

J. P. HALL,
WM. F. McNAMARA.