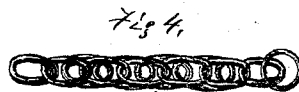
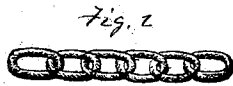
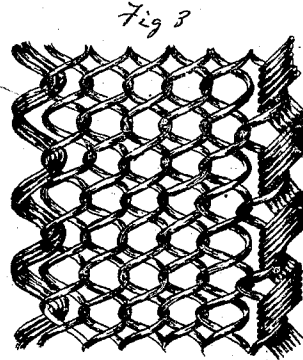
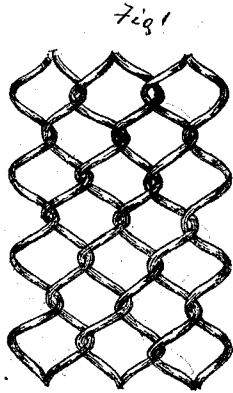


J. M. FARNHAM.

Improvement in Woven Wire-Fabrics.

No. 130,796.

Patented Aug. 27, 1872.



Witnesses:

G. Schäfer
S. J. Simonds

Inventor:

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Solicitor

UNITED STATES PATENT OFFICE.

JOHN M. FARNHAM, OF HARTFORD, CONNECTICUT.

IMPROVEMENT IN WOVEN-WIRE FABRICS.

Specification forming part of Letters Patent No. 130,796, dated August 27, 1872.

SPECIFICATION.

I, JOHN M. FARNHAM, of Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Fabrics of Woven Wire, of which the following is a specification, reference being had to the accompanying drawing, in which—

Figure 1 is a plan view of such fabric. Fig. 2 is an end view of the same. Fig. 3 is a plan view of such fabric woven double. Fig. 4 is an end view of the fabric shown in Fig. 3.

The woven-wire fabric referred to is used for beds, sofas, chairs, and the like, and the kinds in use heretofore have been composed either wholly or in great part of cylindrical spiral coils of wire.

My improvement consists in making these spiral coils oval in shape instead of cylindrical. By this means I save nearly or quite one quarter of the amount of wire needed to make a fabric of a given size. I also produce a fabric which has a more nearly even and flat surface, and which can more readily be rolled than when made after the patterns heretofore in use.

The construction of my fabric will be readily understood from an inspection of Figs. 1 and 2, which is known among those acquaint-

ed with wire fabrics as "single weave," the intertwined coils being single.

These fabrics can be woven double, triple, &c., and are then known as "double-weave," "triple-weave," &c. The "double-weave," composed wholly of oval spiral coils, is shown in Figs. 3 and 4.

In a previous patent issued to me I have shown three oval spiral coils interlaced with circular spiral coils; and it is not intended to claim in this patent the use of oval spirals in every possible combination, but only when the fabric is composed wholly of oval spirals. Further than this, the improvement shown herein is claimed as an improvement in the invention shown and claimed in said former patent to me.

I claim as my invention—

As an improvement upon the invention described and claimed in said former Letters Patent, a woven-wire fabric composed wholly of oval spiral coils combined and interlaced, substantially as described, for the purposes set forth.

J. M. FARNHAM.

Witnesses:

WM. E. SIMONDS,
GEORGE G. SILL.