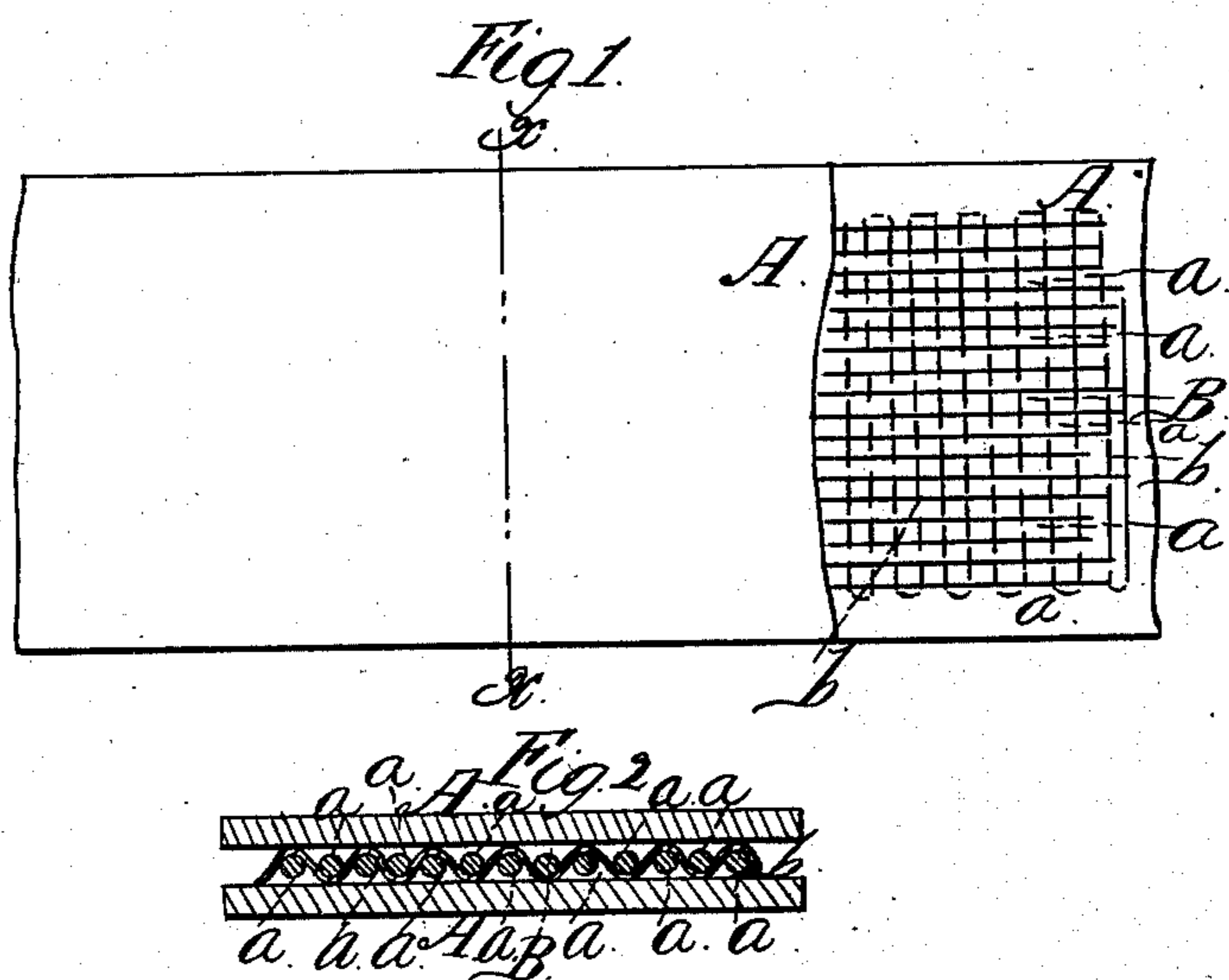


T. F. Snover,
Machine Belting,
Nº 77847. Patented May 12, 1868.



Witnesses.
W. C. Ashkett
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THEODORE F. SNOVER, OF OCONTO, WISCONSIN.

Letters Patent No. 77,847, dated May 12, 1868.

IMPROVEMENT IN MACHINE-BELTS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, THEODORE F. SNOVER, of Oconto, in the county of Oconto, and State of Wisconsin, have invented a new and improved Belting for Machinery and other purposes; 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.

This invention consists in using, with a belt of leather or other suitable material, a lining composed of wire and thread woven together, as hereinafter fully shown and described, whereby a very strong and durable belt is obtained, and one which may be manufactured at a moderate cost.

In the accompanying sheet of drawings—

Figure 1 is a face view of a piece of belting constructed according to my invention, and having a portion of one side of its covering or exterior removed.

Figure 2, a transverse section of the same, taken in the line *z z*, fig. 2.

Similar letters of reference indicate corresponding parts.

A A represents the covering or exterior of the belt, which covering or exterior may be of leather or other suitable material, of any suitable width and length.

B represents the lining, constructed of a series of parallel wires *a*, connected together by transverse threads *b*, of any suitable flexible fabric, the threads *b* being interwoven through the wires, as shown plainly in fig. 2.

This lining is a little less in width than the external strips A A, and the wires *a* of the lining have a longitudinal position relatively with them, the lining being interposed between A A, and all firmly connected together by a suitable cement, or by cement and rivet combined.

A belt thus constructed will be extremely strong and durable, far more so than those constructed of leather or any other material alone; and besides this advantage, it possesses that of preventing the stretching of a belt—a contingency which always occurs in a greater or less degree with new belts constructed of leather alone.

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

The machine-belt constructed as described, by interposing between two layers of leather, or other flexible material, a series of longitudinal wires, connected by transverse textile threads, all secured together as described for the purpose specified.

The above specification of my invention signed by me, this day of , 186

THEODORE F. SNOVER.

Witnesses:

S. A. COLEMAN,
JULES MERLE.