

(No Model.)

G. G. WEIGAND.
RIBBON NEEDLE.

No. 481,338.

Patented Aug. 23, 1892.

Fig. 1

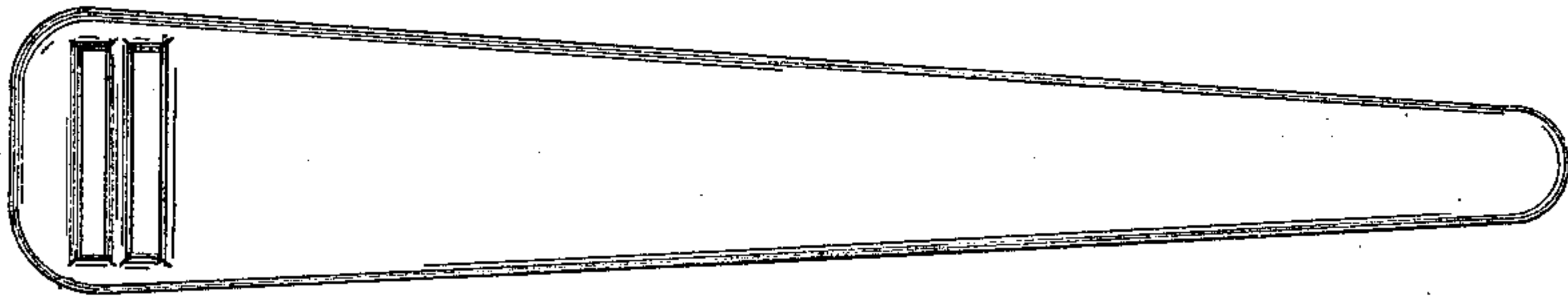
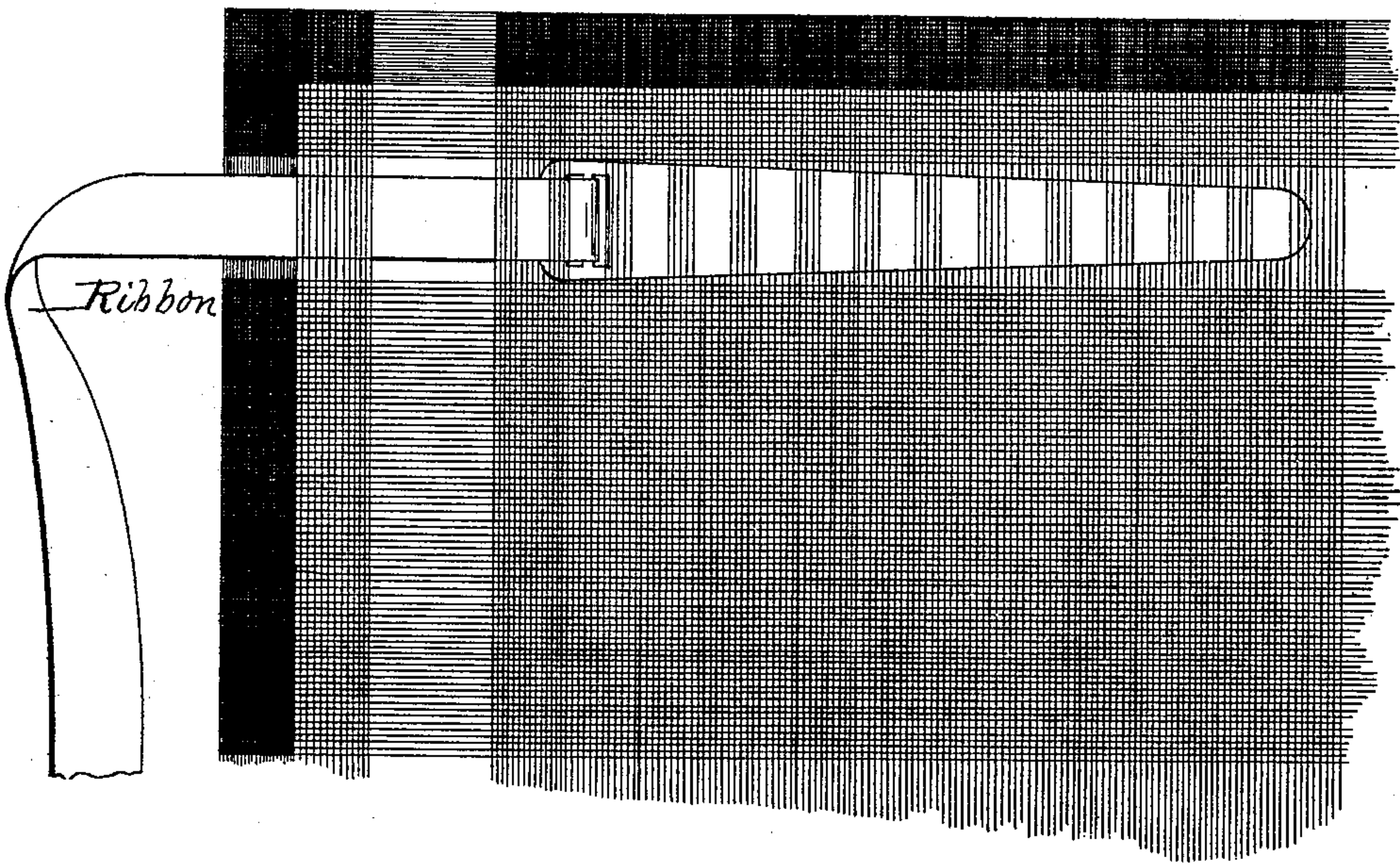


Fig. 2



Fig. 3



Witnesses:

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UNITED STATES PATENT OFFICE.

GUSTAVUS G. WEIGAND, OF DES MOINES, IOWA.

RIBBON-NEEDLE.

SPECIFICATION forming part of Letters Patent No. 481,338, dated August 23, 1892.

Application filed February 9, 1891. Serial No. 380,688. (No model.)

To all whom it may concern:

Be it known that I, GUSTAVUS G. WEIGAND, a citizen of the United States of America, and a resident of Des Moines, in the county of Polk and State of Iowa, have invented a Ribbon-Needle, of which the following is a specification.

My object is to provide a needle adapted to be detachably connected with the end of a ribbon for the purpose of weaving the ribbon between the threads of a tidy, an apron, or other textile fabrics.

My invention consists in a flat needle constructed as hereinafter set forth, pointed out in my claim, and illustrated in the accompanying drawings, in which—

Figure 1 is a face view of the needle, showing its form. Fig. 2 is an edge view of the needle, showing a part broken away and a ribbon attached thereto. Fig. 3 shows the needle in position in a piece of woven material as required for practical use to weave a ribbon in the fabric.

The needle is flat and preferably uniform in thickness its entire length, but tapering in width from one end to the other. The corners

at the ends are rounded, and two parallel slots extend across the wide end to produce a bar around which the end of a ribbon can be drawn and retained, as shown in Fig. 2, in such a manner that the parallel slots will serve as a duplex needle-eye into which a ribbon can be readily inserted and also readily withdrawn at pleasure.

The needle may be made of wood, sheet metal, hard rubber, or any other suitable material by means of common tools, a die and press, or by any means adapted therefor, and vary in size, as desired.

I claim as my invention—

As a new article of manufacture, a ribbon-needle consisting of a flat plate that is wider at one end than the other and has straight smooth edges and two parallel slots extending transversely to the longitudinal axis of the needle at its wide end adapted to admit a ribbon in the manner set forth, for the purposes stated.

GUSTAVUS G. WEIGAND.

Witnesses:

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