

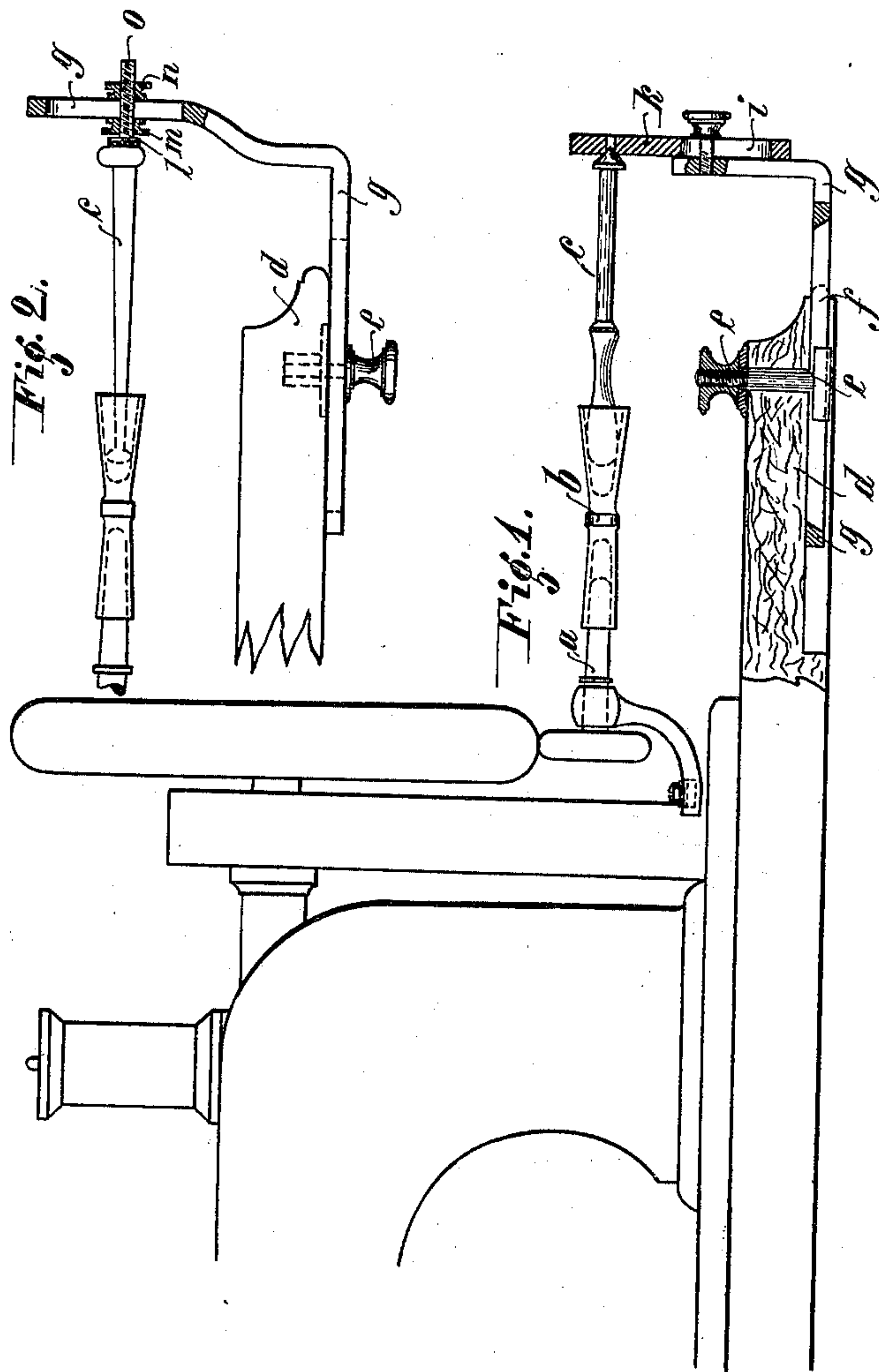
No. 628,874.

Patented July 11, 1899.

C. C. M. WAGNER.
SPOOLING DEVICE FOR SEWING MACHINES.

(Application filed Sept. 21, 1898.)

(No Model.)



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UNITED STATES PATENT OFFICE.

CAROLINE CATHARINE MATHILDE WAGNER, OF HAMBURG, GERMANY.

SPOOLING DEVICE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 628,874, dated July 11, 1899.

Application filed September 21, 1898. Serial No. 691,517. (No model.)

To all whom it may concern:

Be it known that I, CAROLINE CATHARINE MATHILDE WAGNER, a citizen of the free city of Hamburg, residing at Bergedorf, Hamburg, Germany, have invented certain new and useful Improvements in Spooling Devices for Sewing-Machines, (for which I have applied for patents in England August 12, 1898; in Germany August 5, 1898; in Austria August 11, 1898; in Hungary August 10, 1898; in France August 10, 1898; in Belgium August 10, 1898, and in Switzerland August 8, 1898,) of which the following is a specification.

This invention relates to a device on sewing-machines by which bobbins and similar articles such as are used in lace-making and other operations may be spooled or wound. By this device, which can be easily attached to any sewing-machine, a separate spooling device is rendered unnecessary and the spooling is greatly accelerated, because by means of the sewing-machine a larger number of revolutions is obtainable than with the ordinary hand spooling devices.

In order that this invention may be the better understood, I now proceed to describe the same, reference being had to the accompanying drawings and to the letters marked thereon.

Figure 1 is a part sectional side view of the apparatus, and Fig. 2 is a view of a modified form thereof.

As shown in Fig. 1 of the drawings, a sleeve *b*, bored conically at both ends, is placed on the revolving pin *a* of the machine by one conical bore of the sleeve *b*, the other bore serving to hold one end of the bobbin *c*.

To the plate *d* of the machine is adjustably attached an arm *g*, sliding in a slot *f* and secured by a screw *e*. The arm *g* is bent upward at one end to support the other end of the bobbin *c*.

In order to render it unnecessary to make a separate arm *g* for each machine, and, further, to adapt the supporting end of the arm *g* to the required height of the bobbin, an adjusting-piece *k* is attached to the arm *g* by a screw *h* passing through a slot of the piece *k* and screwed into the arm *g*, so that the bearing-hole of the piece *k* can be easily adjusted to the required height for the bobbin. This adjustability may alternatively be effected, as shown in Fig. 2 of the drawings,

by slotting the bent end of the arm *g* and providing a screw *o*, having a bearing-plate *l*, so as to be adjustable upward and downward by means of nuts *m n*. This arrangement allows also of a slight sideward adjustment.

According as to whether the sewing-machine is a hand-machine or a pedal-machine the screw *e* for attaching the horizontal arm *g* may have a screw-head above or below the plate *d*.

The action of the device is as follows: When it is desired to spool or wind a bobbin *c*, the arm *g* is screwed to the machine and adjusted longitudinally by means of the screw *e*. The bearing for the bobbin *c* is then adjusted to its correct position by adjusting the piece *k* or the screw *o*, so that spooling may commence.

When the device is not required, it is easily removed from the machine by loosening the screw *e*. The machine is therefore not disturbed for sewing operations.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. In a spooling attachment for sewing-machines, the combination of a pin, means for revolubly mounting the same on the sewing-machine so as to drive the pin from the movement of the sewing-machine, the pin being adapted to carry a bobbin, a headed screw working in the base of the sewing-machine, a slotted plate adjustably held by the screw and extending horizontally, and means in connection with said plate for adjustably and revolubly holding the outer end of the bobbin.

2. In a spooling attachment for sewing-machines, the combination of a pin, means for revolubly mounting the pin, such means being attached to the sewing-machine frame, the pin being adapted to carry the bobbin, a headed screw attached to the base of the machine, a slotted plate adjustably held by the screw and extending horizontally, the plate having an upwardly-extending arm at its outer end, and a bearing-section adjustably mounted on the arm of the plate and adapted to hold the outer end of the bobbin.

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