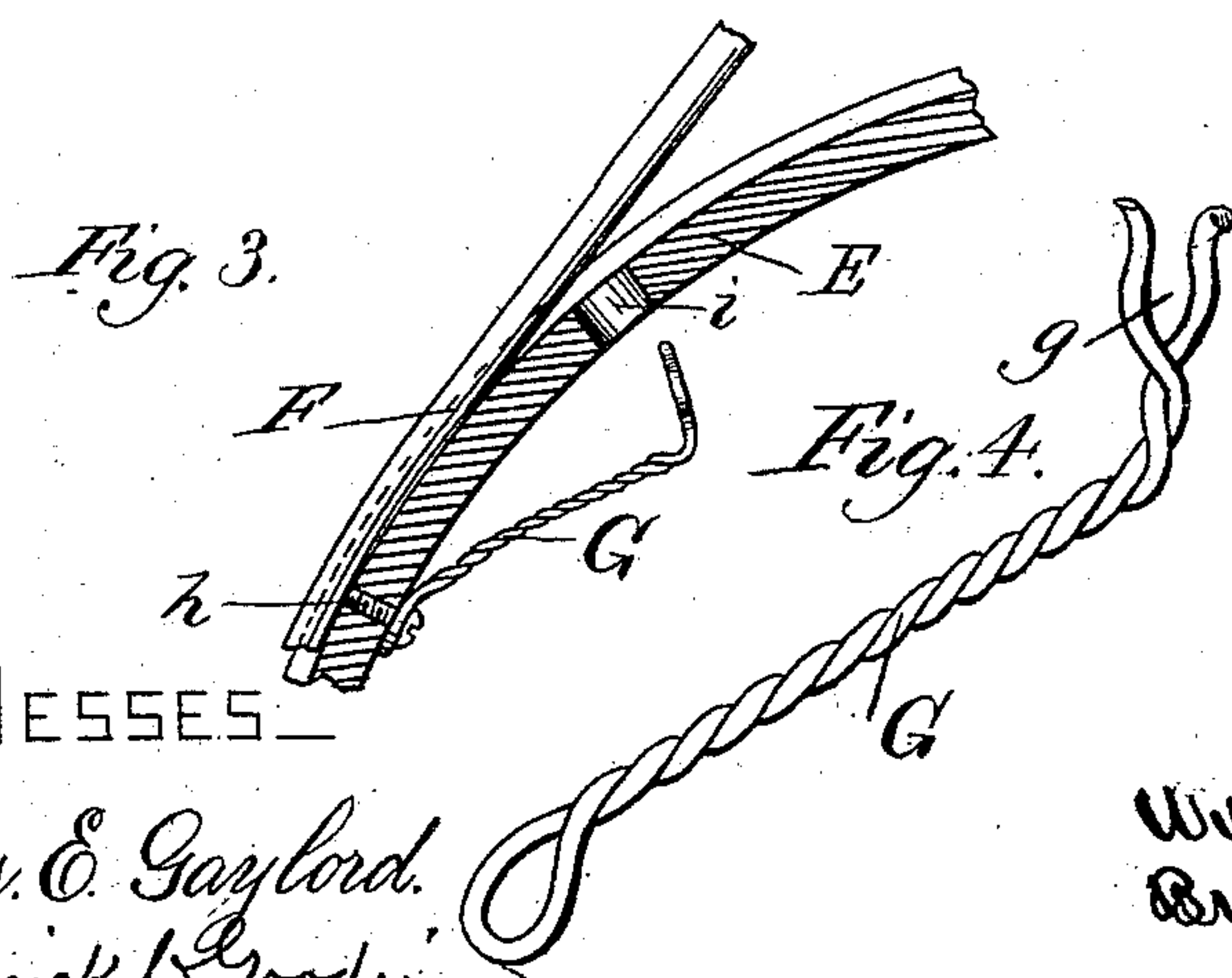
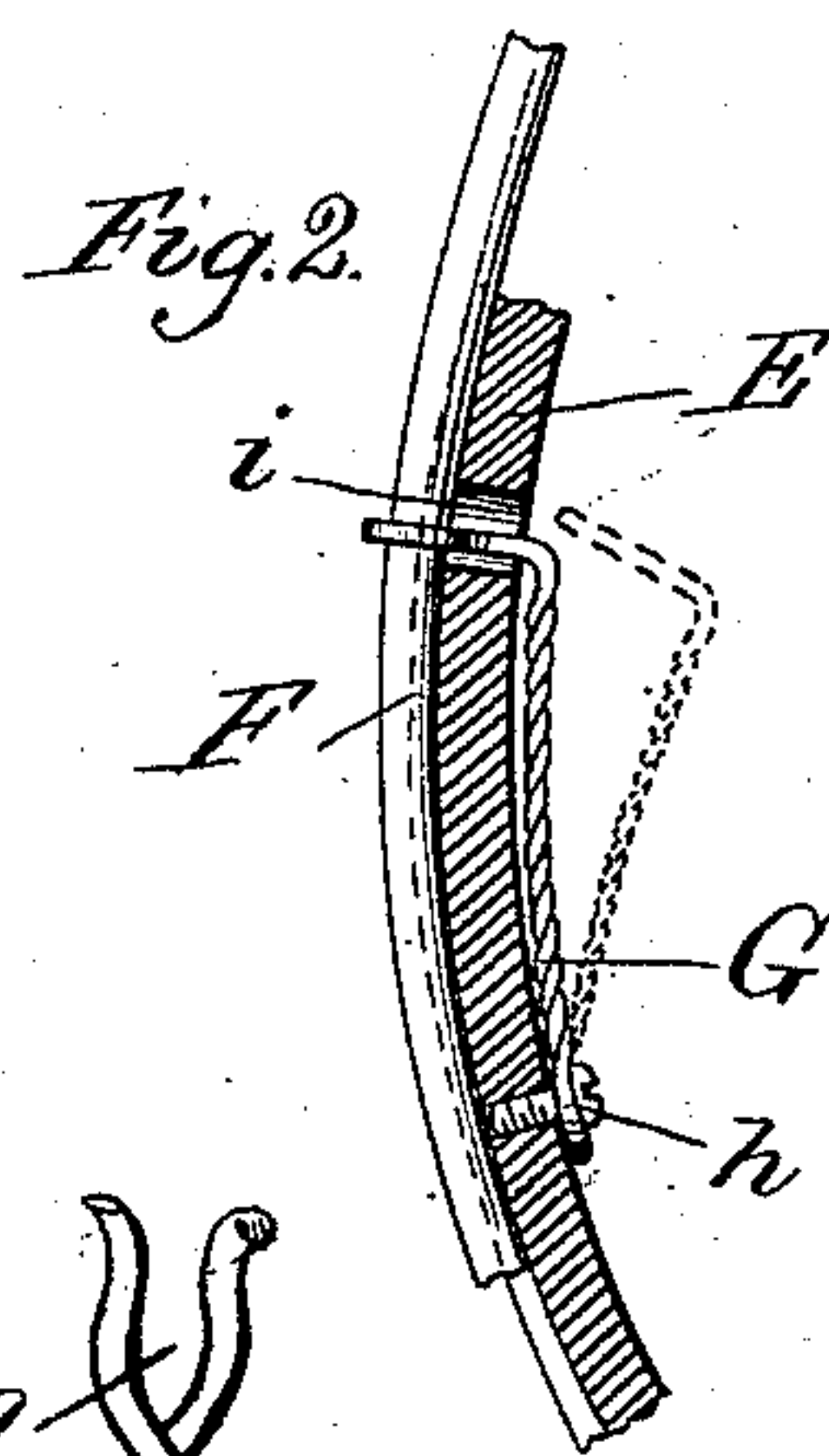
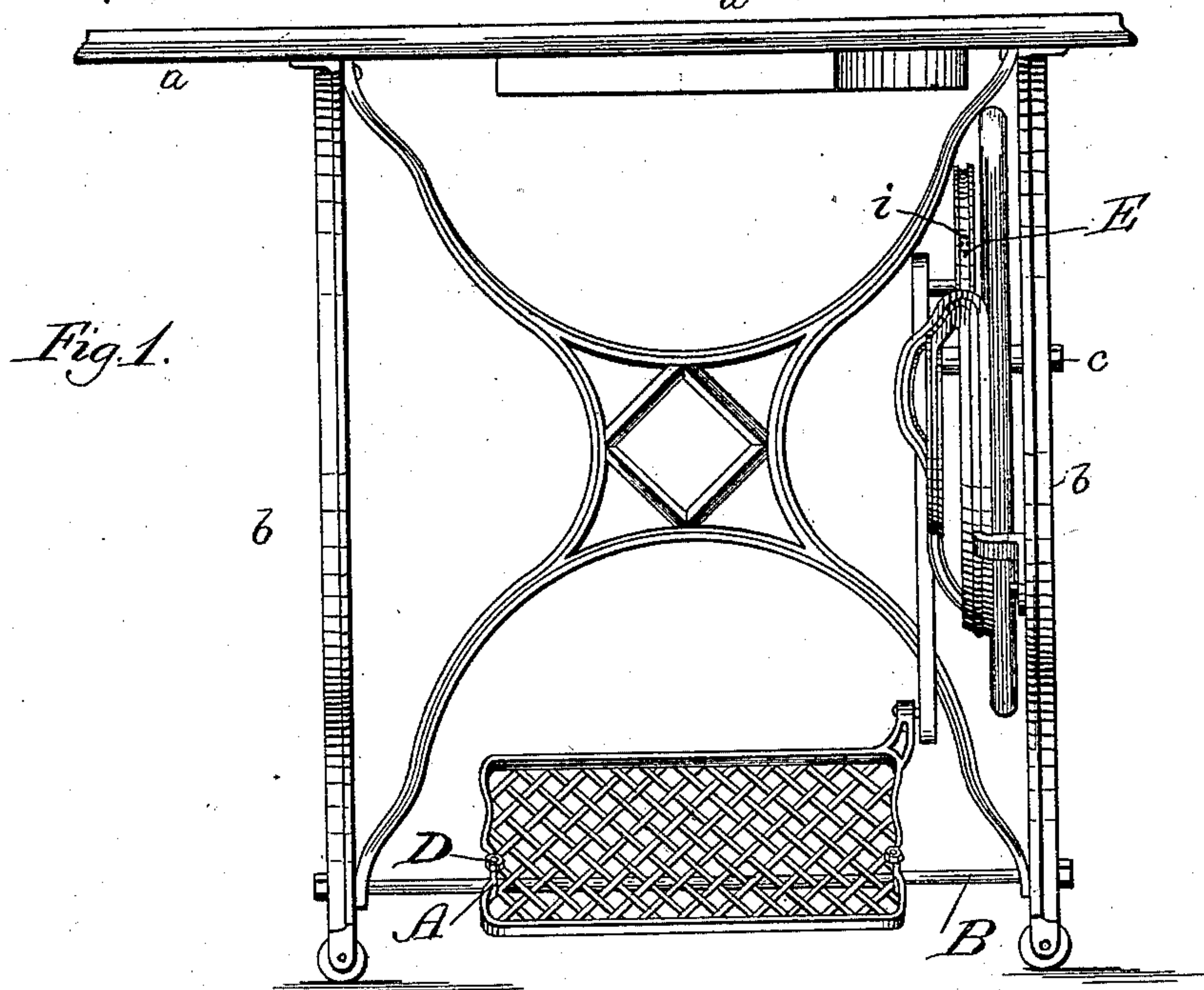


(No Model.)

W. R. CURTIS.
SEWING MACHINE STAND.

No. 285,019.

Patented Sept. 18, 1883.



WITNESSES—

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WILLIAM R. CURTIS, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE SIGWALT SEWING MACHINE COMPANY, OF SAME PLACE.

SEWING-MACHINE STAND.

SPECIFICATION forming part of Letters Patent No. 285,019, dated September 18, 1883.

Application filed October 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. CURTIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sewing-Machine Stands, of which the following is a specification.

My invention relates to a method or device for putting the belt on the driving-wheel attached to and forming a part of the sewing-machine stand. I attain this by the mechanism illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a front view of the stand complete. Figs. 2 and 3 show the device for putting the belt on the driving-wheel, with a section of the driving wheel and belt. Fig. 4 shows the device for putting the belt on the driving-wheel, detached from said driving-wheel.

Like letters refer to like parts.

My device for putting the belt on the band-wheel E is constructed as follows: Fig. 4 shows spring G, (which I prefer to make of twisted wire, as here shown,) with clutch or fork g, for grasping the belt or band F. Fig. 2 shows the spring G, attached to a section of the band-wheel E (on the inside thereof) at point h, with said spring G pressed forward through slot i in said band-wheel E, and grasping or clutching band F with clutch or fork g. Fig. 3 shows a section of the band-wheel E, with spring G attached at point h, as in Fig. 2, the said spring G being in its normal condition when not in use.

The manner in which this device works is as follows: Spring G is pressed forward by the hand (see Fig. 2) through slot i in the rim of wheel E, and band F is placed in clutch or fork g. Said clutch g, being, as will be seen, a spring-clutch, grasps and firmly holds said band F. The wheel is then turned by the hand, carrying with it band F half-way round or a little more, until clutch g reaches the point at which band F (now entirely on wheel E) leaves said wheel to pass up and around the pulley on the head of the machine, and as it passes on it is pulled out of clutch g and is freed therefrom, spring G then assuming its normal condition and carrying clutch g in toward the center of the band-wheel E through slot i, as seen in Fig. 3.

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

Spring G, attached to wheel E at point h, with fork or clutch g passing through slot or hole i in the rim of said wheel E, said clutch g grasping band F, carrying it around with and onto said wheel E, and then automatically releasing itself from said band F, all arranged, constructed, operated, and controlled substantially as described, and for the purpose specified.

WILLIAM R. CURTIS.

Witnesses:

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