

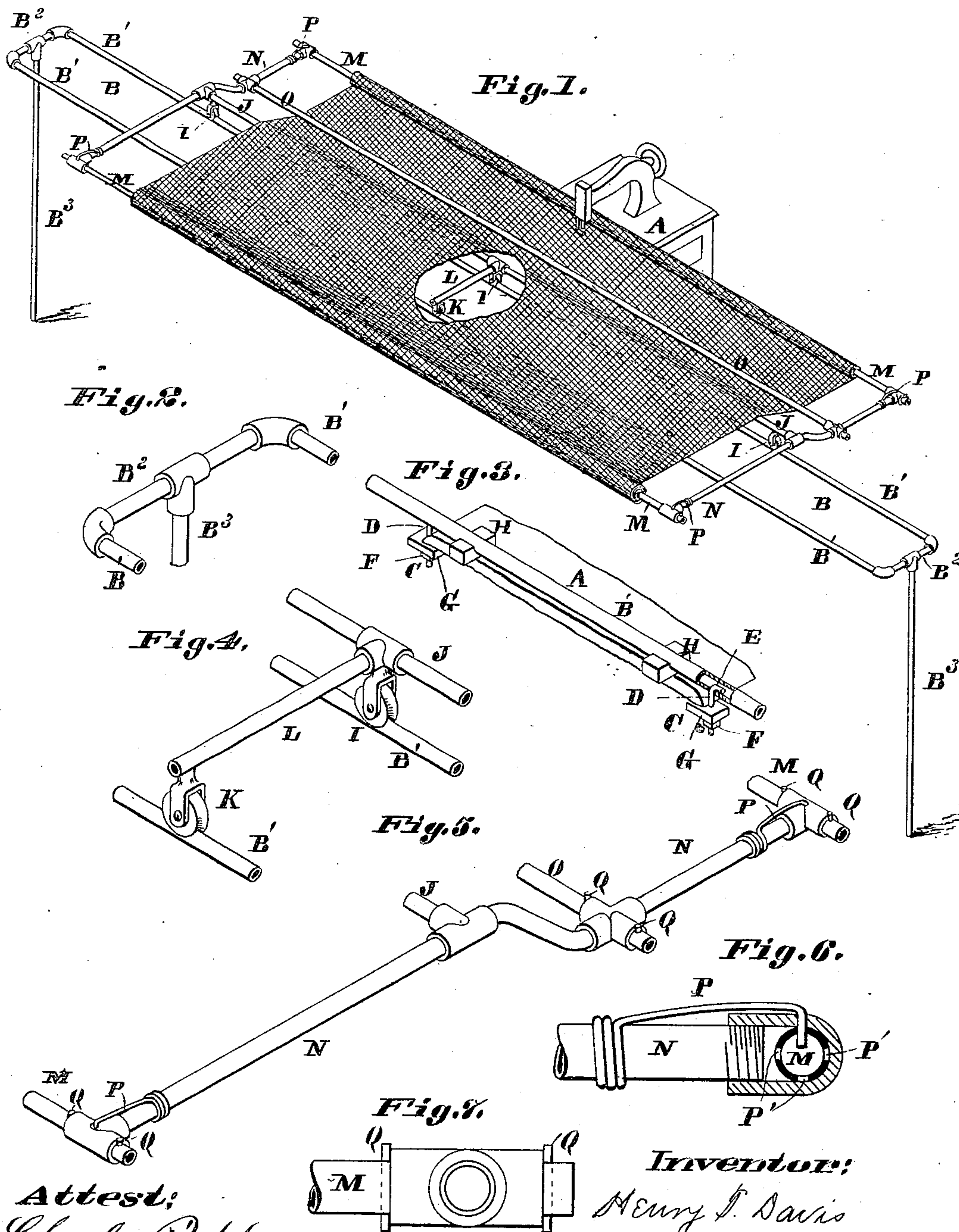
(No Model.)

H. T. DAVIS.

QUILTING FRAME FOR SEWING MACHINES.

No. 271,689.

Patented Feb. 6, 1883.



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UNITED STATES PATENT OFFICE.

HENRY T. DAVIS, OF ST. LOUIS, MISSOURI.

QUILTING-FRAME FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 271,689, dated February 6, 1883.

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

To all whom it may concern:

Be it known that I, HENRY T. DAVIS, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Quilting-Frames for Sewing-Machines, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is a perspective view. Fig. 2 is a similar view of one end of the supporting-frame, enlarged. Fig. 3 is a perspective view, enlarged, illustrating the manner of securing the supporting-frame to the sewing-machine. Fig. 4 is a perspective view, enlarged, showing the manner in which the quilt-frame travels on the supporting-frame. Fig. 5 is an enlarged perspective view of one end of the quilt-frame. Fig. 6 is a detail enlarged section, illustrating the manner of holding the quilt-rollers to their adjustment. Fig. 7 is an enlarged view, showing the manner of securing the end and side pieces together.

My invention relates to a frame made entirely of gas-pipe and to be used on a sewing-machine; and my invention consists in the novel construction of the frame, hereinafter described and claimed.

A represents the table of a sewing-machine, to which the supporting-frame B is secured by means of clamps C, consisting each of a bolt, D, with a right-angle head, E, which is inserted through a hole made in the frame to receive it, (see Fig. 3,) and a nut, F, and a block, G, the block engaging beneath the table, as shown.

H H are blocks placed between the frame and the table, to keep the latter from being scratched by the former.

The frame B consists of two parallel pipes, B' B', connected by end pieces, B² B², to which legs B³ B³ are secured in the usual manner of connecting gas-pipes. The frame to which the

quilt is secured is supported by and travels on this frame B by means of pulleys I, secured to the quilt-frame, to a central pipe, J, thereof, which pulleys travel on one of the pipes B', and a pulley or roller, K, on the outer end of an arm, L, connected to the pipe J, which travels on the other pipe B', as shown.

The quilt-frame consists of two outer pipes, M M, on which the quilt is rolled and which form the sides of the frame, end connecting-pieces, N N, the central strip or pipe, J, over which the quilt passes, and a pipe, O, parallel with pipe J, and under which the quilt passes. The end pieces are bent, as shown, to allow the quilt to be brought down onto the sewing-machine table. (See Fig. 1.) The side pieces are held to their adjustment, as the quilt is rolled from one onto the other, by means of spring-catches P, consisting each of a wire with one end wrapped around the end piece, and the other end bent to pass down through a hole made in the corner-coupling, and through holes P', made in the end of the side pipe. When a roller is to be turned the catches are all raised to disengage their ends from the rollers, and then, being released, will re-enter a hole P', holding the rollers to their places. The end pipes or pieces are held to the side pipes by pins Q.

I claim as my invention—

A quilting-frame made entirely of gas-pipe, consisting of side pipes, M, end pipes, N, bent as shown, center pipes, J and O, grooved rollers I, secured to the pipe J, arm L, secured to the pipe J, grooved roller K on the outer end of the arm L, and supporting-frame B, supporting the quilt-frame and clamped to the sewing-machine table, all as set forth.

HENRY T. DAVIS.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.