

A. A. PECK.
EXPANDING WELL-CURBS.

No. 177,743.

Patented May 23, 1876.

Fig. 1

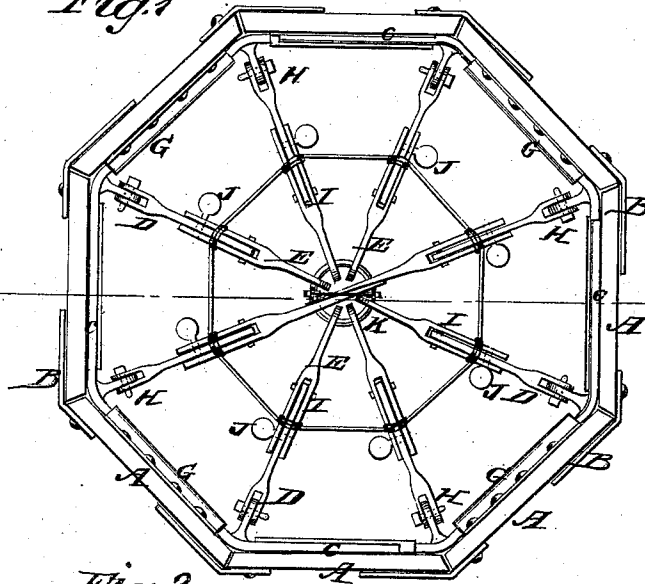
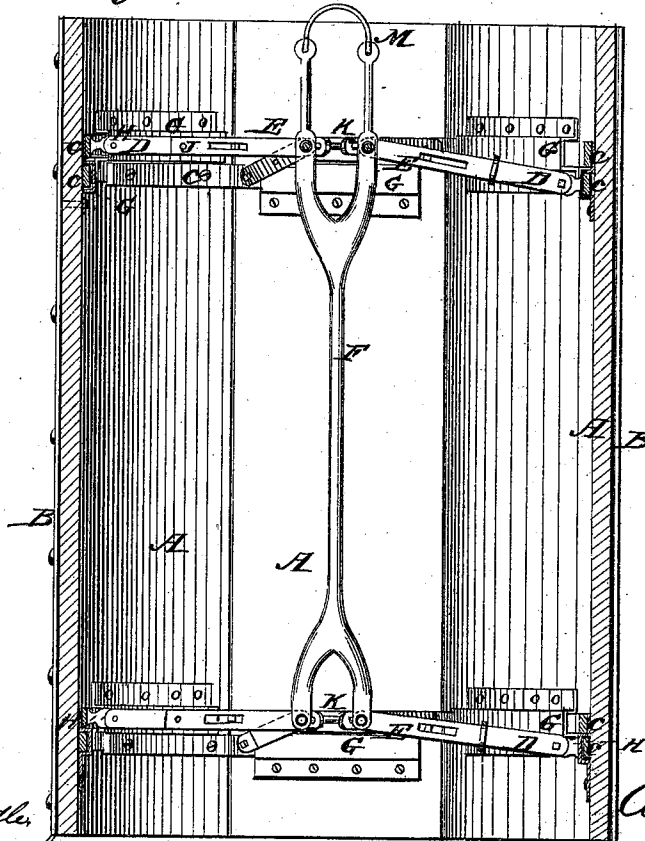


Fig. 2.



WITNESSES:

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ALEXANDER A. PECK, OF HAMMOND, WISCONSIN.

IMPROVEMENT IN EXPANDING WELL-CURBS.

Specification forming part of Letters Patent No. 177,743, dated May 23, 1876; application filed April 4, 1876.

To all whom it may concern:

Be it known that I, ALEXANDER A. PECK, of Hammond, St. Croix county, Wisconsin, have invented a new and Improved Expanding Well-Curb, of which the following is a specification:

My invention consists of an expanding curb, to be used for cement-lining wells, constructed with a sectional shell of vertical planks and sheet-metal plates for lapping the joints, and with adjustable arms and expanding rims, which are coupled to a center shaft by which the shell is expanded and contracted and also shifted along as the work progresses, all as hereinafter described.

Figure 1 is a top view of my improved well-curb; and Fig. 2 is a sectional elevation of the same.

Similar letters of reference indicate corresponding parts.

A represents the planks of the sectional shell; B, the metal plates for lapping the joints; C, the sectional expanding-rims; D and E, the adjusting-arms; and F, the shaft for expanding and contracting the curb.

The metal lapping-plates are attached to the outside of the planks, near one edge, to overlap the next plank, and the expanding-arms are attached to one plank and fitted in the clip G of the next to slide in and out as the shell expands and contracts. The clips

serve to hold the sections of the shell, so that they do not shift endwise relatively to each other. The adjusting-arms are pivoted to the expanding-rims at H, and they lengthen and shorten, as required, at their joint I, and are fastened, when properly adjusted, by the set-screw J. The arms are pivoted, at the inner end, to the ring K, which is connected to the center shaft F, to be lifted for contracting the curb, so as to shift it along, and, after shifting it, to press down and expand the shell. The shaft has a yoke, M, by which to hitch the rope on for raising and lowering the curb.

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

1. The combination of the sectional shell A, expanding sectional rims C, adjusting-arms D E, ring K, and shaft F, substantially as specified.
2. The combination of the metal joint-lapping plates B and the sectional curb A, substantially as specified.
3. The arms D E, constructed with an adjusting-joint, I, and set-screw J, and jointed to the expanding-rims and the ring K, substantially as specified.

ALEXANDER A. PECK.

Witnesses:

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