

(No Model.)

F. M. TRAVIS.

ENDLESS HORSE POWER PLATFORM.

No. 263,252.

Patented Aug. 22, 1882.

Fig. 1,

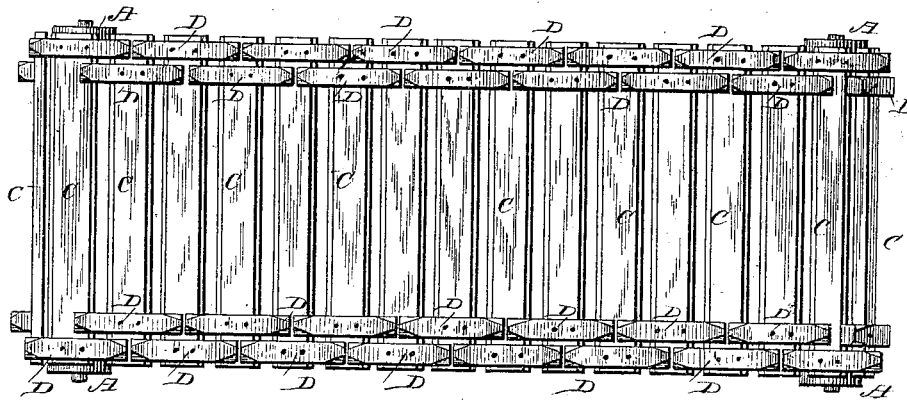


Fig. 2,

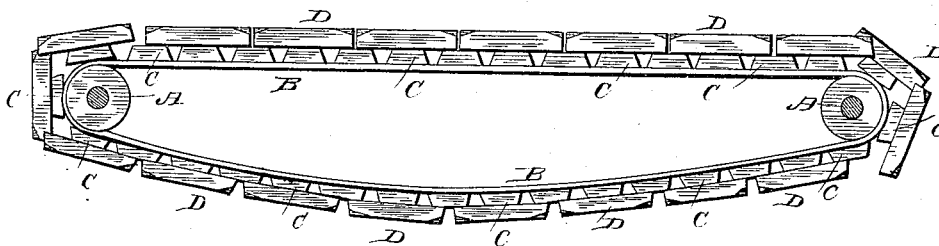
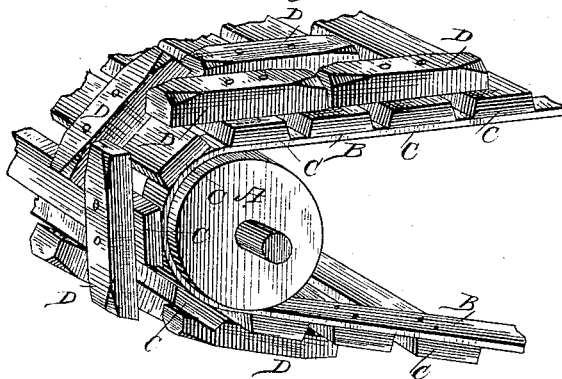


Fig. 3,



WITNESSES:

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ENDLESS HORSE-POWER PLATFORM.

SPECIFICATION forming part of Letters Patent No. 263,252, dated August 22, 1882.

Application filed June 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS M. TRAVIS, a citizen of the United States, residing at Guiney's, in the county of Caroline and State of Virginia, have invented certain new and useful Improvements in Endless Platforms or Tracks for Horse and other Powers, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a plan view of the track or platform; Fig. 2, a side view, and Fig. 3 a perspective with portions of the track broken away.

My invention relates to endless platforms, aprons, or tracks for churn-powers, horse-powers, and other purposes; and it consists in the construction and combination of parts hereinafter particularly described, and then sought to be specifically defined by the claim.

In the accompanying drawings, the letter A indicates pulleys, over which pass the leather or other belts, B. These belts have secured to them, by pins, rivets, or other suitable means, lags or cross-steps C, the edges of which are beveled, as shown in the drawings. The endless platform or track thus formed is braced and strengthened against sagging by blocks or plates D. These blocks are secured one at each end to the lags at right angles to their length, so as to lap over onto the lags or cross-steps immediately in front and back of the lag, to which the blocks are secured by rivets, bolts, or other suitable means.

It will be observed that the blocks are arranged so as to form two separate and distinct rows side by side along both edges of the plat-

form or track. That order or arrangement is effected by securing the blocks of each alternate or every other lag or cross-step to the step near its ends, and to each intermediate step, securing the blocks farther in from the ends of the step. The result is two separate and distinct rows of bracing-blocks, both ends of each block in the same row bearing against or rather upon the lags or steps next to the step to which the block is secured, as illustrated in Figs. 1 and 3 of the drawings.

In practice the ends of the blocks come quite close together, preferably so as to touch when the top surface of the track is in a straight line.

When the blocks are arranged as described the track is strongly braced and well stiffened and supported and rendered stronger and more durable than by methods and means heretofore employed. It is also cheap to manufacture and in every way satisfactory.

The track or platform can also be used for any purpose for which such an article is adapted.

Having described my invention, what I claim is—

The track or platform described, having blocks or plates D secured to each alternate lag or cross-step, so as to form two rows of braces, as shown, with their ends bearing on the adjoining steps, for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS M. TRAVIS.

Witnesses:

GEO. T. BOUTWARE,
T. B. COLLAWN.