

J. H. Butler,
Belt Gearing.

No. 110,955.

Patented Jan. 17. 1871.

Fig 1.

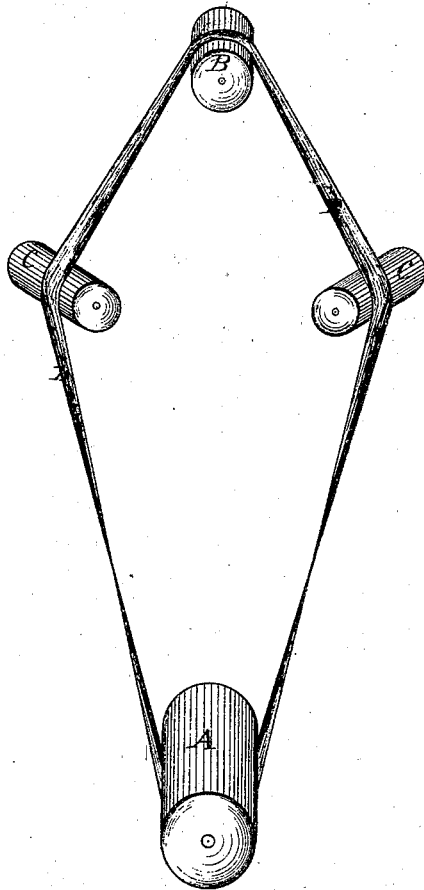
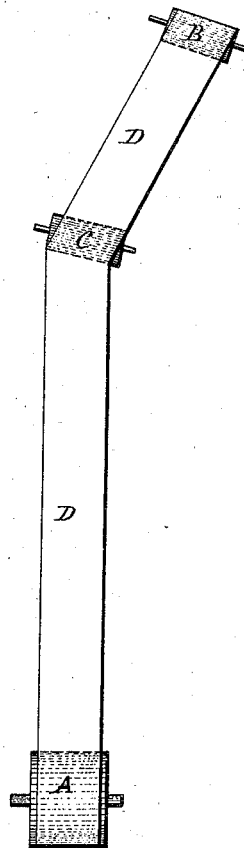


Fig 2



Witnesses

C. J. Robins
A. Moore

Inventor

James H. Butler.

United States Patent Office.

JAMES H. BUTLER, OF HAMPDEN, MAINE.

Letters Patent No. 110,955, dated January 17, 1871.

IMPROVEMENT IN BELT-GEARINGS.

The Schedule referred to in these Letters Patent and making part of the same.

I, JAMES H. BUTLER, of Hampden, in the county of Penobscot and State of Maine, have invented certain Improvements in Belt-Gearing, of which the following is a specification.

The nature of my invention consists in conveying the power from a driving-drum to a pulley on an arbor, which may be at any incline, by means of a belt running over two loose pulleys arranged at such an incline as will correspond with the incline of the pulley on the arbor and the driving-drum.

Figure 1 is a front view.

Figure 2 is a side view.

A, drum.

B, pulley on arbor.

C, pulleys over which the belt passes.

D, belt.

The mode of connection is as follows:

Drum A is placed in a horizontal position.

Arbor-pulley B is arranged at any incline desired.

The loose pulleys C are adjusted at such an incline as will correspond with the location of drum and arbor-pulleys and prevent the belts from slipping off drum or arbor-pulleys.

I claim as my invention—

Conveying the power from a driving-drum to a pulley on an arbor, which may be at any incline, by means of a belt running over two loose pulleys arranged at an intermediate point, and at such an incline as will correspond with the incline of the pulley on the arbor and driving-drum.

JAMES H. BUTLER.

Witnesses:

T. C. CONNOLLY,
PHINEAS JANNEY.