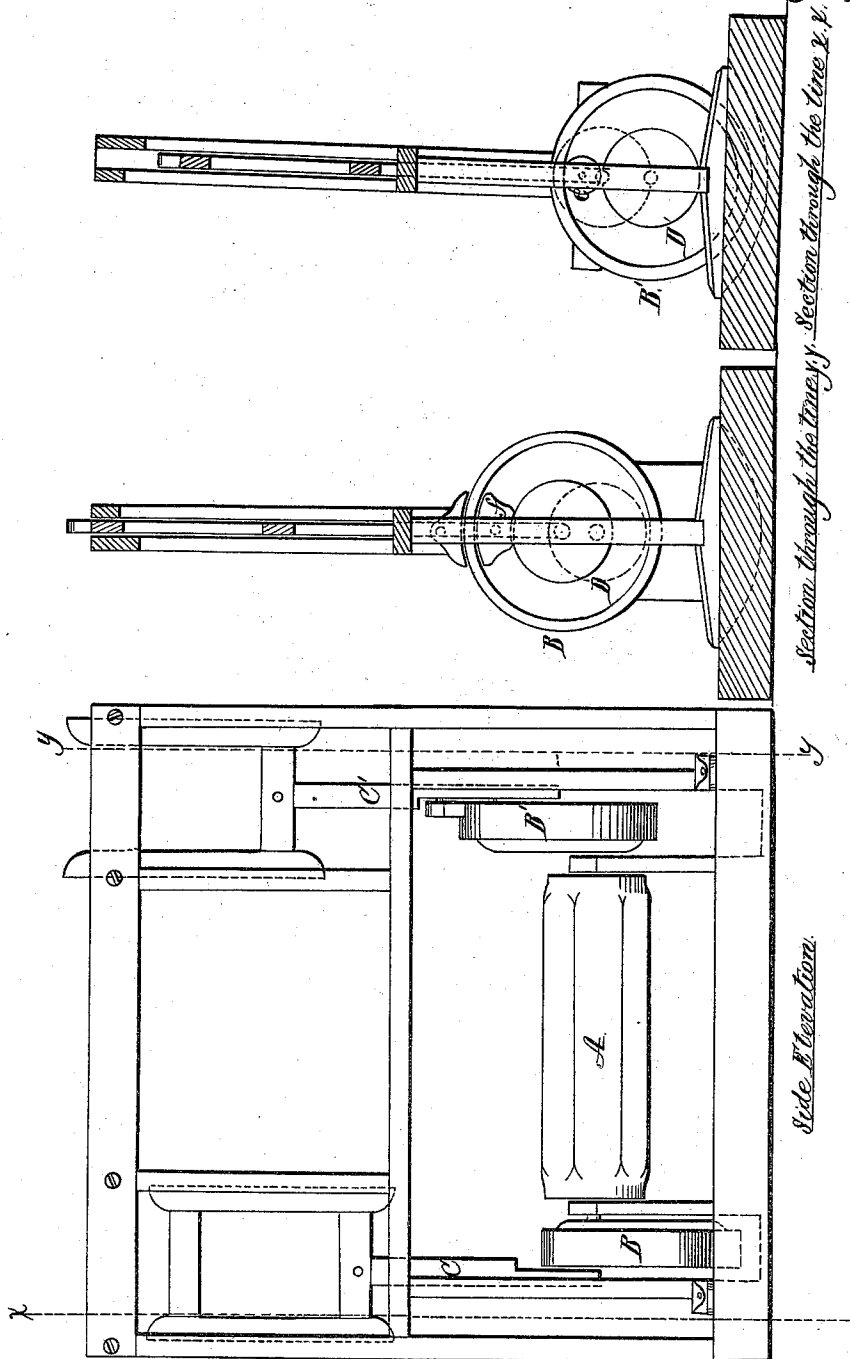


A. Brooks,
Converting Motion.

N^o 21,061.

Patented Aug 3, 1858



UNITED STATES PATENT OFFICE.

AARON BROOKS, OF CRAWFORD COUNTY, INDIANA.

SUBSTITUTE FOR CRANKS.

Specification of Letters Patent No. 21,061, dated August 3, 1858.

To all whom it may concern:

Be it known that I, AARON BROOKS, of the county of Crawford and State of Indiana, have invented a new and improved mode of
5 dispensing with a crank which has heretofore been attached to a shaft propelled by either water or steam.

The nature of my invention consists of a shaft of any size or length that may be re-
10 quired of wood or cast iron, with a cast wheel or wheels of any size attached to one or both ends of said shaft as the case may require to give a sweep of 18 or 24 inches or six feet if necessary with a groove on the
15 outside of said wheel, with a slide or roller in the said groove with a perpendicular pitman being of wood or iron and being made fast to the slide or roller with an iron bolt or

screw securing it in its place as shown in the drawings herewith presented.

The wheels may be cast solid with the groove on the outside, or with arms with a flange on the outside.

What I claim as my invention and desire to secure by Letters Patent is—

A perpendicular pitman and the dispensing with a crank by means of the wheel B, B, attached to the shaft A, and the slide, or roller E F attached to the pitman C C, and moving in the groove D D' the said
30 pitman always moving perpendicular.

AARON BROOKS.

Attest:

JAMES CRIST,
J. H. MEYLON.