To all whom it may concern:

Be it known that I, Seth B. Henshaw, a citizen of the United States, and a resident of Charleston, in the county of Kanawha and State of West Virginia, have invented certain new and useful improvements in Winding-Drums for Glass-Drawing Apparatus, of which the following is a specification.

My present invention relates generally to glass drawing machinery used in the manufacture of window glass, and more particularly to a winding drum forming part of the hoisting mechanism, the cable of which is, as well known, connected to the vertically moving cage operating above the well or drawing chamber of the glass furnace and upon which the bait is seated to draw a cylinder of glass from the well or drawing chamber just mentioned.

The object of my invention is to provide a winding drum having certain means whereby the speed of movement of the cable wound thereon may be abruptly increased at the start and end of its movement.

In the accompanying drawing I have shown a winding drum of the type utilized in apparatus above outlined, provided with portions or continuations of the cable guide grooves of the drum, whereby to automatically and abruptly increase the speed of movement of a cable wound upon the drum at the start and finish of hoisting operations, and to accomplish the objects set out above, as well as obtain the advantages incident thereto.

I claim:

A winding drum having a conical grooved cable-engaging surface, and rigid cam members secured thereto adjacent its opposite ends and provided with grooves forming parts of the cable guide groove of the drum, whereby to automatically and abruptly increase the speed of movement of the cable at the beginning and ending of the winding operation, the cam adjacent the smaller end of the drum corresponding to the start of the winding operation and being substantially smaller than that at the other end.

Seth B. Henshaw.

Witnesses:

A. Black,
S. P. Richmond.