June 1, 1915.

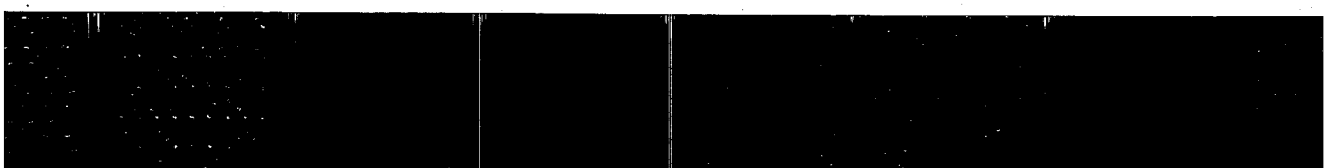
DRAWING

396

A careful search has been made this day for the original drawing or a photolithographic copy of the same, for the purpose of reproducing the said drawing to form a part of this book, but at this time nothing can be found from whixh a reproduction can be made.

Finis D. Morris,
Chief of Division E.

AWK.



UNITED STATES PATENT OFFICE.

JESSE C. SMITH, OF WHEELING, VIRGINIA.

MACHINERY OF MILLS FOR THE MANUFACTURE OF GRAIN INTO FLOUR OR MEAL.

Specification forming part of Letters Patent No. 396, dated January 9, 1830; Reissued September 29, 1837.

To all whom it may concern:

Be it known that I, JESSE C. SMITH, of the town of Wheeling, county of Ohio, and State of Virgina, have invented, constructed, made, and applied to use certain new and useful Improvements in Machinery of Mills for the Manufacture of Grain into Flour or Meal, which said improvements are herein specified and particularly set forth.

A, A, A, A, represent a side view of the cast iron husk, or frame; B, B, the nuts by which the frames are held together; C, the bridgetree; D, the box in which the foot of the spindle rests; E, the spindle; F the curve upon which the band rests; G, the position of the bed-stone within the frame; H, H, the top-stone or runner; I, the drum, resting on the spindle; J, the balance-rim; K, the pressure-rod; L, the screw connecting the pressure-rod with the top-frame; M, M, top-frame upon which the hopper rests; O, O, the gudgeons of the top-frame M, to accommodate the motion of the frame when necessary; P, a rod of iron connecting the top-frame with the bridgetree C; Q, the regulating screw by which the running stone is elevated or depressed at pleasure and the nut on which is placed in the bridgetree; R, the screw bearing upon the top of the regulating screw.

What I claim as new and as my invention is—

1. The connecting what is above called the top-frame or whatever substitute may be used to resist the upward pressure-rod K, with the bridgetree by a piece of timber (as is shown in the drawings Nos. 2 and 3, P,) or otherwise thereby producing the effect that when the regulating screw Q, elevates or depresses the bridgetree (and consequently the spindle-running stone and pressure-rod) that the relative position of the faces of the stones is secured against any change by reason of an increased or diminished velocity of the runner.

2. The mode or manner of depressing as well as of elevating the running stone by the application of the screw to the bridgetree in the manner described or otherwise producing the same effect.

In testimony that the above is a true specification of my said improvements as above described I have hereunto set my hand.

JESSE C. SMITH.

[FIRST PRINTED 1914.]