

DESIGN.

No. 34,545.

Patented May 21, 1901.

W. E. COPENHAVER.
GRINDING PLATE.

(Application filed Apr. 17, 1901.)

Fig. 1.

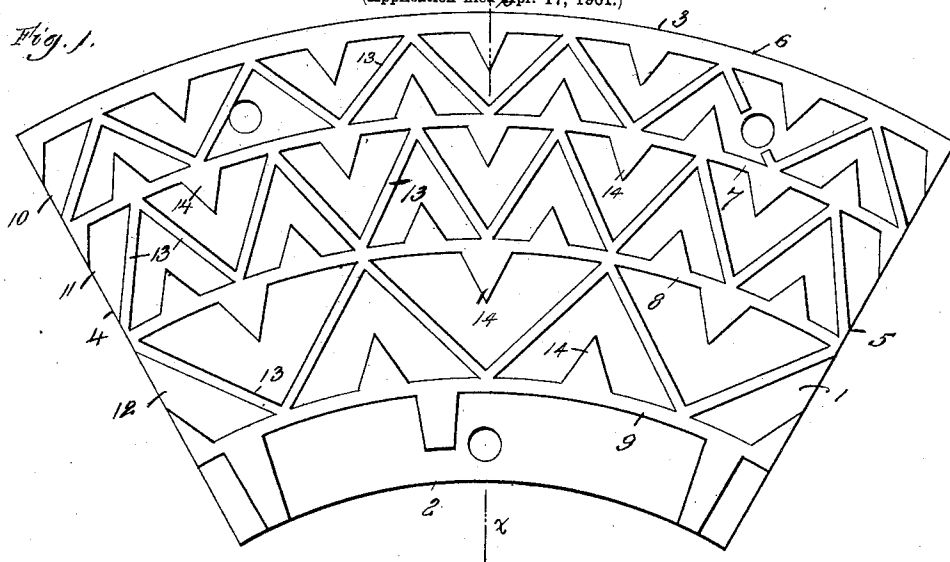
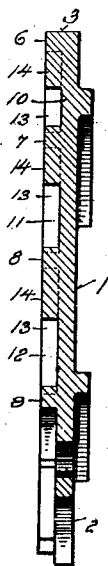


Fig. 2.



WITNESSES:
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WILLIAM E. COPENHAVER, OF SPRINGFIELD, OHIO, ASSIGNOR TO THE FOOS
MANUFACTURING COMPANY, OF SAME PLACE.

DESIGN FOR A GRINDING-PLATE.

SPECIFICATION forming part of Design No. 34,545, dated May 21, 1901.

Application filed April 17, 1901. Serial No. 56,326. Term of patent 7 years.

To all whom it may concern:

Be it known that I, WILLIAM E. COPENHAVER, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented and produced a new and original Design for Grinding-Plates, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, wherein—

Figure 1 is a plan view of a grinding-plate embodying my design; and Fig. 2 is a sectional view of the same, taken on the line *xx* of Fig. 1.

As shown in the drawings, the leading or material feature of my design consists in a grinding-plate having a flat body 1, bounded on opposite sides by concentric circular margins 2 and 3 and straight lateral edges 4 and 5, drawn radially from the common center of the other two edges. Upon the upper surface of this body are four concentric circular ribs 6, 7, 8, and 9 of equal height, but separated by increasing distances from the outer toward the inner edge of the plate. There

are thus formed three concentric annular 25
grooves or spaces 10, 11, and 12. Each of these
spaces is crossed by ribs 13, arranged in V
shape at opposite inclinations to each other
and having a height equal to the height of
the annular ribs between which they extend. 30
In the V-shaped spaces thus formed are lo-
cated projections 14, extending outward from
the defining-ribs and having a height equal
to said ribs, their sides being parallel with
the ribs 13. 35

Having thus fully described my invention,
what I claim as new, and desire to secure by
Letters Patent, is—

The design for a grinding-plate, substan-
tially as herein shown and described. 40

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

WILLIAM E. COPENHAVER.

Witnesses:

IRVINE MILLER,

WILLIAM O'LAUGHLIN.