

No. 782,565.

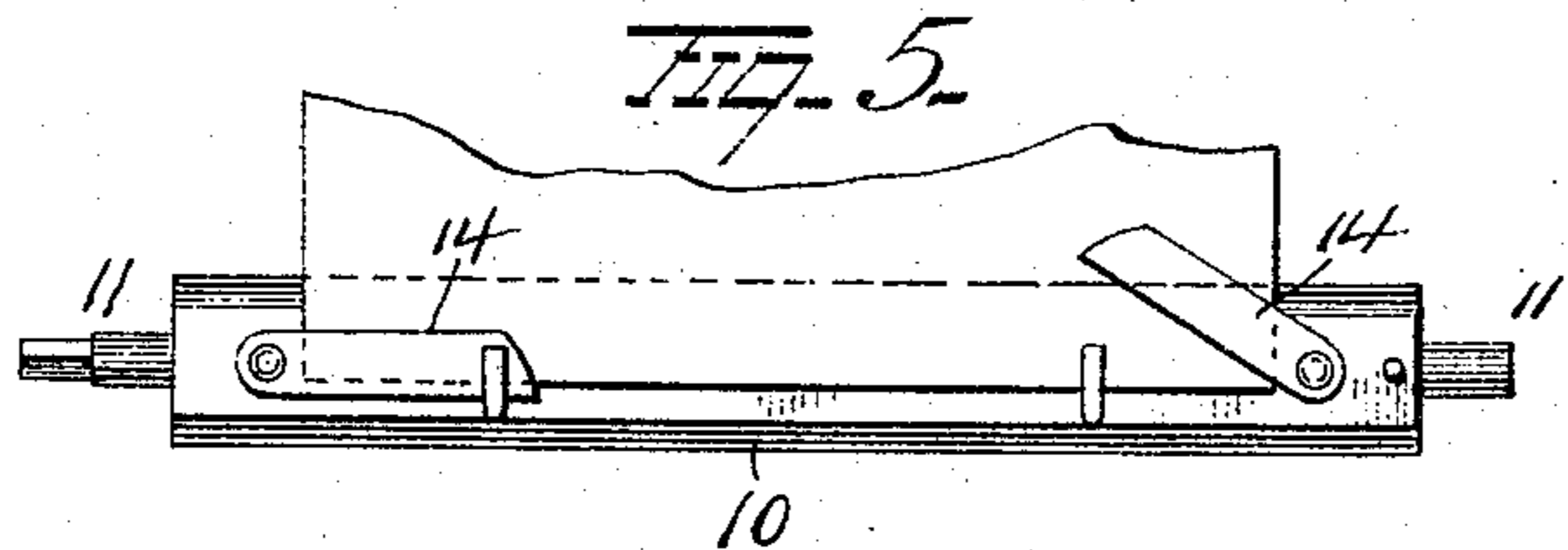
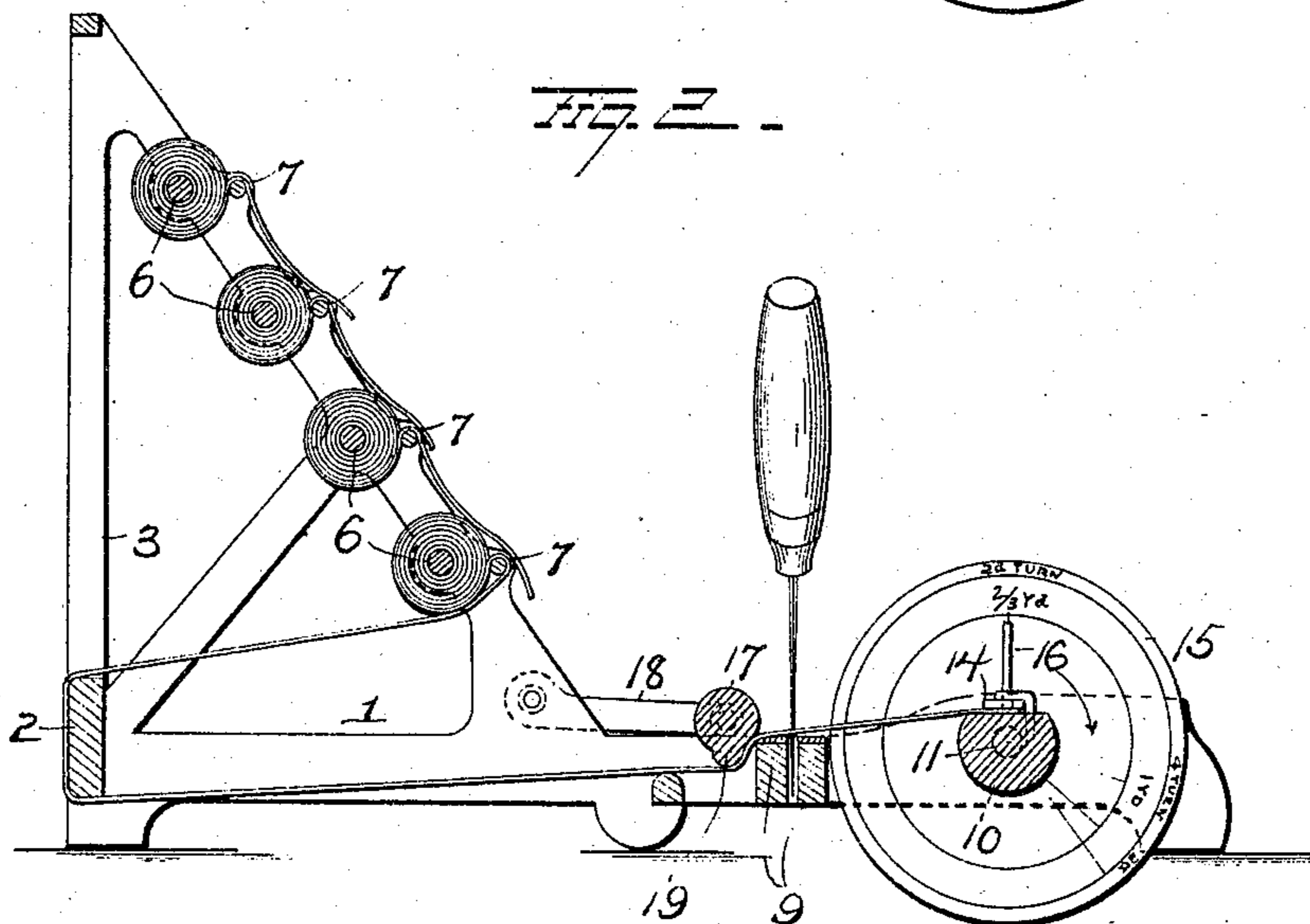
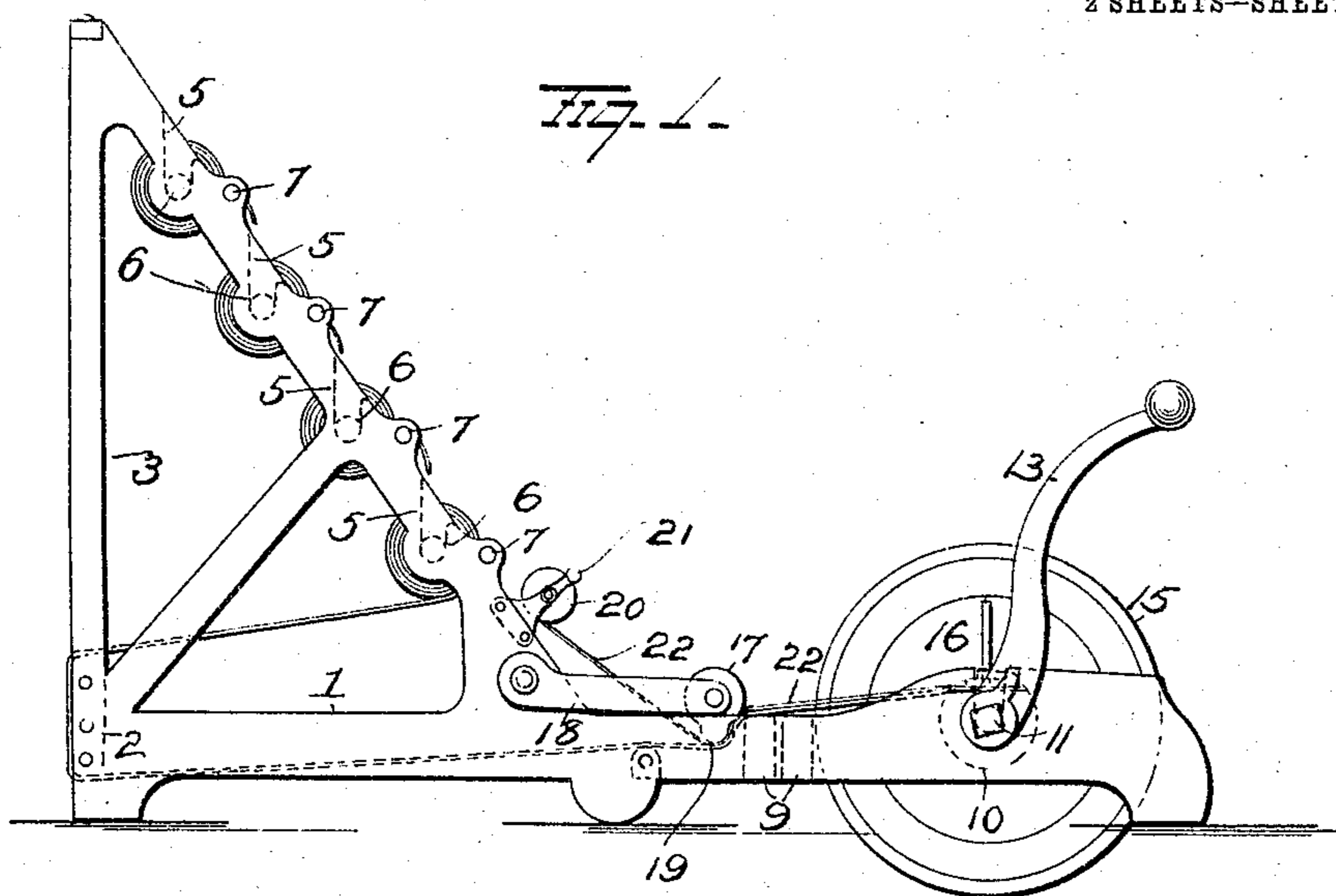
PATENTED FEB. 14, 1905.

G. H. KING.

DISPLAY RACK FOR SUPPORTING, MEASURING, AND CUTTING OIL CLOTH
OR OTHER MATERIALS.

APPLICATION FILED JUNE 9, 1904.

2 SHEETS—SHEET 1.



WITNESSES

E. Nottingham
G. F. Downing

INVENTOR

G. H. King
By H. A. Seymour
Attorney

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2 SHEETS—SHEET 2.

FIG. 3.

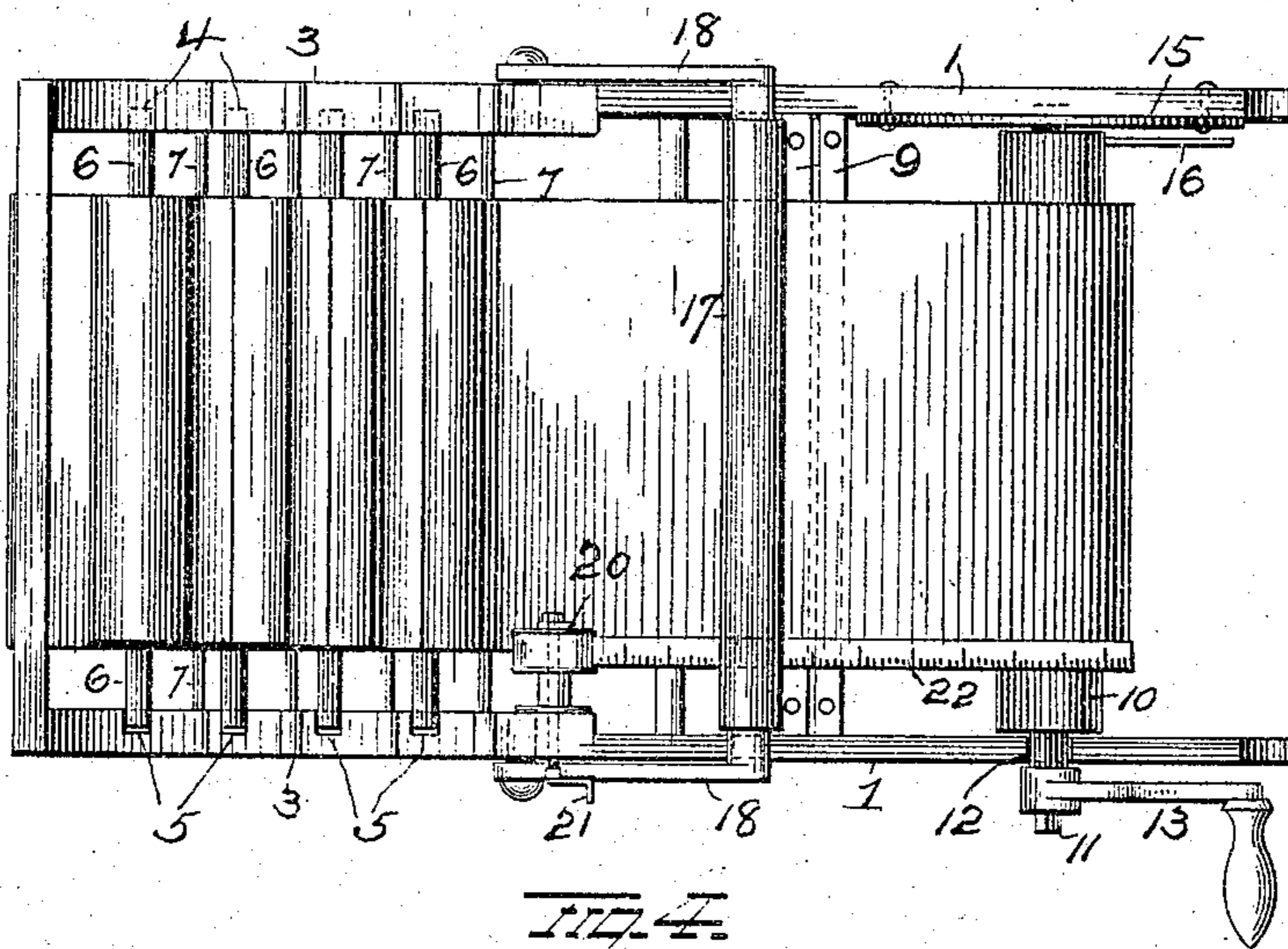
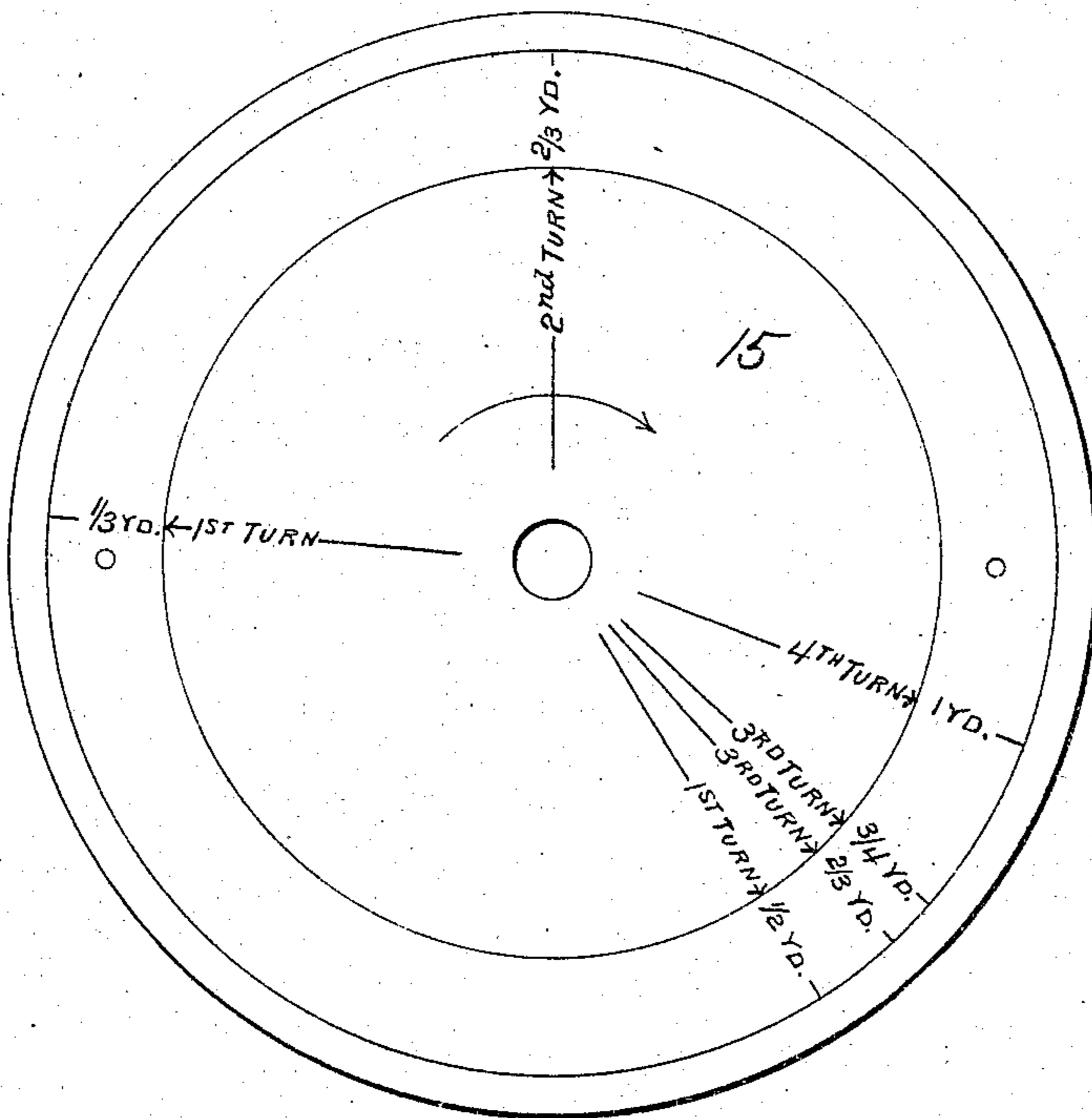


FIG. 4.



WITNESSES

E. Nottingham
G. J. Downing

INVENTOR

G. H. King
By H. A. Seymour
Attorney

UNITED STATES PATENT OFFICE.

GEORGE HENRY KING, OF GUTHRIE, OKLAHOMA TERRITORY, ASSIGNOR
OF ONE-HALF TO WILLIAM P. EAGER, OF GUTHRIE, OKLAHOMA TER-
RITORY.

DISPLAY-RACK FOR SUPPORTING, MEASURING, AND CUTTING OIL-CLOTH OR OTHER MATERIALS.

SPECIFICATION forming part of Letters Patent No. 782,565, dated February 14, 1905.

Application filed June 9, 1904. Serial No. 211,802.

To all whom it may concern:

Be it known that I, GEORGE HENRY KING, a resident of Guthrie, in the county of Logan and Territory of Oklahoma, have invented cer-
tain new and useful Improvements in Display-
Racks for Supporting, Measuring, and Cut-
ting Oil-Cloth or other Material; and I do
hereby declare the following to be a full,
clear, and exact description of the invention,
such as will enable others skilled in the art to
which it appertains to make and use the same.

My invention relates to an improved dis-
play-rack for supporting, measuring, and cut-
ting oil-cloth and other material, the object
of the invention being to provide improve-
ments of this character which will support a
number of rolls of oil-cloth or other material
in such manner as to readily display the same,
feed material from any of the rolls under
proper tension to an improved measuring at-
tachment to measure any length of cloth de-
sired, and provide improved mechanism for
permitting the cutting of the cloth after being
measured.

With this object in view the invention con-
sists in certain novel features of construction
and combinations and arrangements of parts,
as will be more fully hereinafter described,
and pointed out in the claims.

In the accompanying drawings, Figure 1 is
a view in side elevation illustrating my im-
provements. Fig. 2 is a view in transverse
section. Fig. 3 is a top plan view, and Figs.
4 and 5 are views illustrating the measuring
mechanism.

The base-frame of my improvements com-
prises parallel bars 1, connected at their rear
ends by a cross-bar 2, and have secured there-
to triangular uprights 3, one of which is pro-
vided with openings 4 and the other with
notches 5 in its inclined edge to provide bear-
ings for rods 6, on which strips of oil-cloth or
other material are wound, the notched bear-
ings 5 permitting ready removal or insertion
of the rods when desired.

To the outside inclined edge of uprights 3,
adjacent to the rods 6, tension-rods 7 are se-

cured and over which the cloth from the rolls
is first passed, thence around cross-bar 2, and
thence forward across my improved straight-
edge cutter-guide 9 to the measuring roll or
cylinder 10. This measuring roll or cylinder
10 is provided with trunnions 11 at its ends,
one of which is mounted in an opening or
bearing in a forward extension of one bar 1,
and the other trunnion 11 is supported in a re-
cess 12 in the forward extension of the other
bar 1, permitting ready removal of the roll or
cylinder 10 when desired, and this trunnion
last referred to projects beyond bar 1 and has
a crank-arm 13 secured thereon to permit the
easy turning of the roll or cylinder to wind
the cloth thereon. The roll or cylinder 10 is
flattened at one side and has pivoted tongues
14 secured thereon and adapted when the end
of a strip of cloth is placed in position on the
flattened face of the roll or cylinder and the
tongues 14 swung over the same to a position
parallel with the roll or cylinder to tightly
clamp the end of the cloth to the cylinder and
compel it to wind thereon when the crank-
arm 13 is turned.

On the frame, at one end of roll or cylinder
10, is a disk or dial 15, with which a pointer
16 on the roll or cylinder 10 is adapted to reg-
ister to indicate the length of cloth wound on
the roll. This dial is suitably marked, so as
to indicate to any one of average intelligence
just how many revolutions or fractions of a
revolution must be made of the roll or cylin-
der to measure a given length of cloth.

The straight-edge cutter-guide 9, above re-
ferred to, comprises parallel bars 1, spaced
apart just sufficient to enable a knife or cutter
to move between them and sever the cloth in
a straight line, and said bars are preferably
reinforced by metal coverings to prevent the
knife or cutter injuring them. To rigidly
hold the cloth while being cut, a bar 17 is se-
cured at its ends to links 18, pivoted to up-
rights 3, and is adapted to swing down onto
the cloth, and a web or flange 19 is provided
on the lower face of this bar 17 and is adapted
to tightly clamp the cloth between the edge

of the inner bar 9 and said web or flange 19, and thereby securely hold the cloth while being cut, enabling oil-cloth and like material to be evenly cut, which is very difficult with such means as are ordinarily used for the purpose.

By mounting the roll-supporting rods 6, as above explained, the ends of all the rolls of cloth rest over the tension-rods and can be seen at once, and the purchaser can quickly decide just what pattern he desires. The merchant can then connect the end of the cloth selected with the measuring-roll 10, as above explained, and readily measure off and cut the length of cloth desired.

Any ordinary knife or cutter or any form of rotary cutter can be employed to sever the cloth along the straight-edge cutter-guide, as above explained.

To measure the oil-cloth when a considerable length is desired, I provide a reel or spool 20, mounted on one of the uprights and having a crank-arm 21 to turn the same. A tape-measure 22 is wound on said spool or reel and is adapted to be carried with the cloth beneath bar 17, over the cutter-guide, and wound on roller 10 and measure the cloth as it is wound on the roll.

A great many slight changes might be made in the general form and arrangement of the parts described without departing from my invention, and hence I do not restrict myself to the precise details set forth, but consider myself at liberty to make such slight changes

and alterations as fairly fall within the spirit and scope of my invention.

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

1. In a device of the class described, the combination of a triangular frame constructed in its diagonal front with a series of bearings, a horizontal rod removably mounted in each pair of alined bearings for supporting a roll of material, a measuring device located on the frame in front of the diagonal front portion thereof, a holding-bar located between the diagonal front of the frame and the measuring device, and a cutter-guide located between the holding-bar and the measuring device.

2. The combination with a display-rack, of a series of rods removably mounted in said rack and each adapted to support a roll of cloth, tension-rods secured to the rack and over which the cloth must pass, a measuring device in front of the rack, a straight-edge cutter-guide between the measuring device and rack over which the cloth is drawn, and a pivoted cross-bar between the rack and cutter-guide adapted to tightly hold the cloth on the cutter-guide.

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

GEORGE HENRY KING.

Witnesses:

D. M. LENTZ,

A. A. BEYER.