

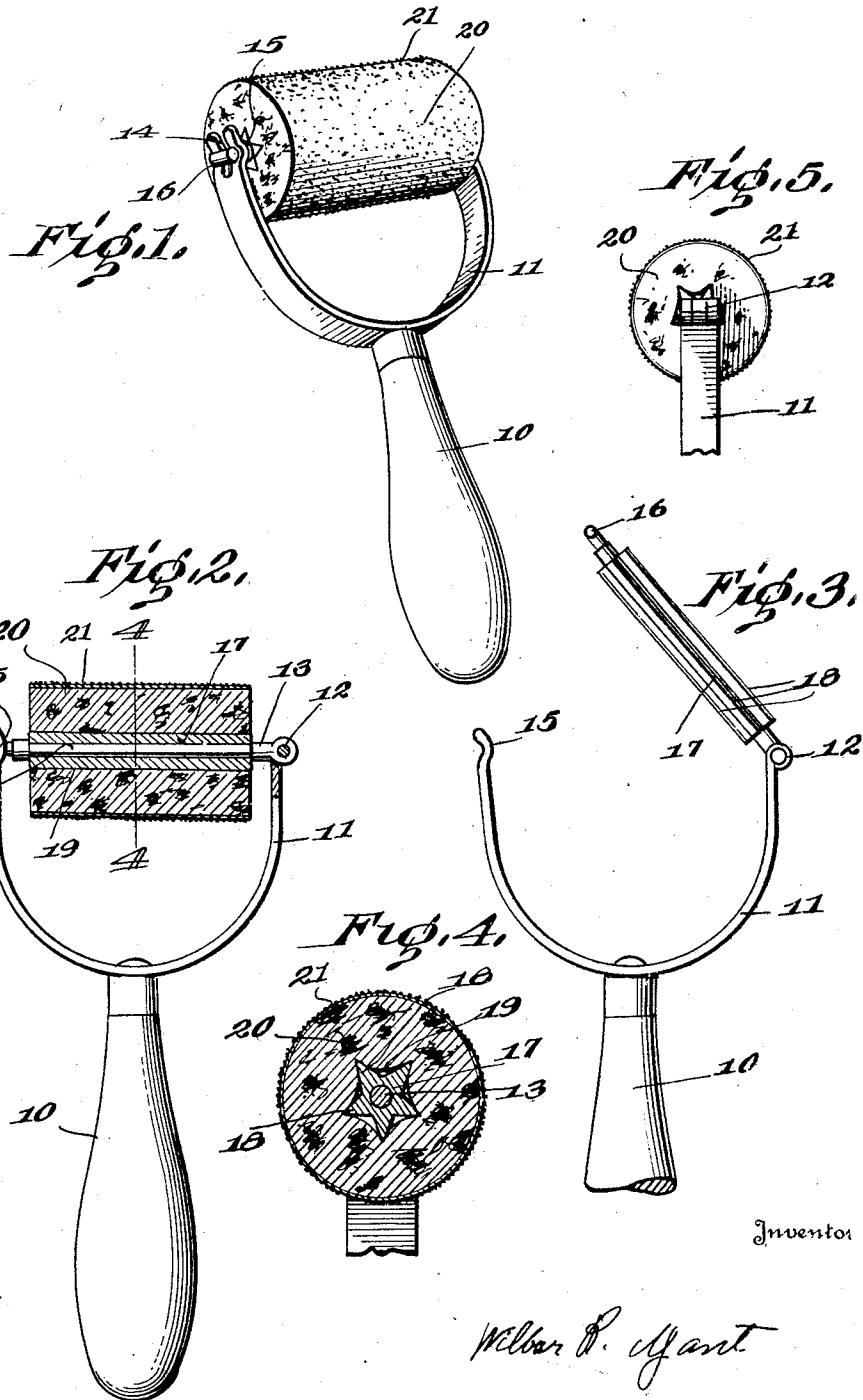
April 21, 1925.

W. R. YANT

1,534,559

PAPER HANGER'S SEAM ROLLER

Filed April 11, 1924



Patented Apr. 21, 1925.

1,534,559

UNITED STATES PATENT OFFICE.

WILBUR R. YANT, OF TULSA, OKLAHOMA.

PAPER-HANGER'S SEAM ROLLER.

Application filed April 11, 1924. Serial No. 705,764.

To all whom it may concern:

Be it known that I, WILBUR R. YANT, a citizen of the United States, residing at Tulsa, in the county of Tulsa and State of Oklahoma, have invented certain new and useful Improvements in a Paper-Hanger's Seam Roller, of which the following is a specification.

The present invention relates to a roller adapted for use by paperhangers, and aims to provide a novel and improved device of that kind for conveniently and efficiently pressing the seams of wall paper firmly against the wall by movement of the roller thereover.

Another object is the provision of a novel roller constructed of yieldable material such as cork, having a thin coating of sand or the like upon the outer or paper engaging surface thereof, to firmly engage the paper to prevent streaking the same, and the device being so constructed that the roller may be replaced by a different size roller, or a new one when desired.

It is also an object of the invention to provide a roller of the kind indicated, which is simple and substantial in construction, which can be manufactured economically, and which will be thoroughly efficient and practical in use.

With the foregoing and other objects in view, which will be apparent as the description proceeds, the invention resides in the construction and arrangement of parts, as hereinafter described and claimed, it being understood that changes can be made within the scope of what is claimed, without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a perspective view of my improved device,

Figure 2 is a plan view thereof showing the roller in section,

Figure 3 is a similar view to Figure 2, with the roller removed.

Figure 4 is a section taken on line 4—4 of Figure 2, and

Figure 5 is a fragmentary end view of the device.

In carrying out my invention, the numeral 10 indicates a handle of a well known type, having a yoke 11 secured thereto intermediate the ends of said yoke. One end of said yoke 11 is bifurcated, and bent upon itself to provide a hinge connection 12 to

one end of a pin or axle 13. The opposite end of the yoke 11 is also bifurcated as at 14 for receiving the opposite end of the pin or axle 13, said bifurcated end 14 having a bent in portion 15 thereon for receiving and holding the head 16 formed on the pin or axle 13.

Upon the pin or axle 13 is arranged a collar 17, having its outer surface provided with sharp longitudinal projections 18, a cross section through said collar and projections giving the appearance of a star. The collar 17 is loose upon the pin or axle 13 for rotary movement, but is held against lateral movement or displacement by shoulders formed on said pin or axle. The object of the collar 17 is to provide means for firmly engaging in the central opening 19 provided in the roller 20, to serve the purpose of a hub for said roller when rotated upon the pin or axle 13. The roller 20 is made of cork or like material that is yieldable to a certain extent so as to be efficient when rolled along the seams of paper when applying same to a wall. The projections 18 will engage into the yieldable cork roller and cause the collar 17 to act as a part of said roller.

Upon the outer or periphery edge of the cork roller 20 is secured, by any well known means, a strip of paper 21, having sand applied thereto for engaging the paper upon the wall, in order to prevent the roller from sliding over the paper, which tends to streak the same.

In operation, the roller is rotated as the device is moved along the seam of the paper. The sand upon the roller will firmly engage the paper pressing the same against the wall, thus eliminating the streaking caused by press sticks, or rollers with smooth surfaces.

When it is desired to replace the roller with a new one, or one of a different size, the head 16 of the axle 13 is forced out of engagement with the indent 15 against the spring tension of the yoke 11, said axle 13 being swung upon the hinge connection 12 until the roller 20 can be freely removed from the collar 17.

Having thus described my invention, what I claim as new is:

1. A device of the character described, comprising a yoke, a pin carried by said yoke, a roller of yieldable material upon said pin, and means carried by said pin for

engaging in the yieldable material of the roller.

2. A device of the character described, comprising a yoke, a pin extending across
5 and connected to the ends of said yoke, a collar upon said pin mounted for rotary movement, a roller of yieldable material upon said collar, and means upon said roller
10 for engaging into the yieldable material of said roller to cause said collar to act as a hub for said roller.

3. A device of the character described, comprising a yoke, a pin extending across
15 and connected to the ends of said yoke, a collar upon said pin mounted for rotary movement, a roller of yieldable material upon said collar, means upon said collar for engaging into the yieldable material of

said roller to cause said collar to act as a hub for said roller, and a thin coating of
20 rough material upon the outer cylindrical surface of said roller.

4. A device of the character described, comprising a frame, a pin carried by said
25 frame, a collar upon said pin mounted for rotary movement, longitudinal projections carried by said collar, and a roller of yieldable material adapted to be received on said
30 collar and engaged by said longitudinal projections.

In testimony whereof, I have affixed my signature in the presence of two witnesses.

WILBUR R. YANT.

Witnesses:

W. D. McCoy,

IRA G. McBRIDE.