

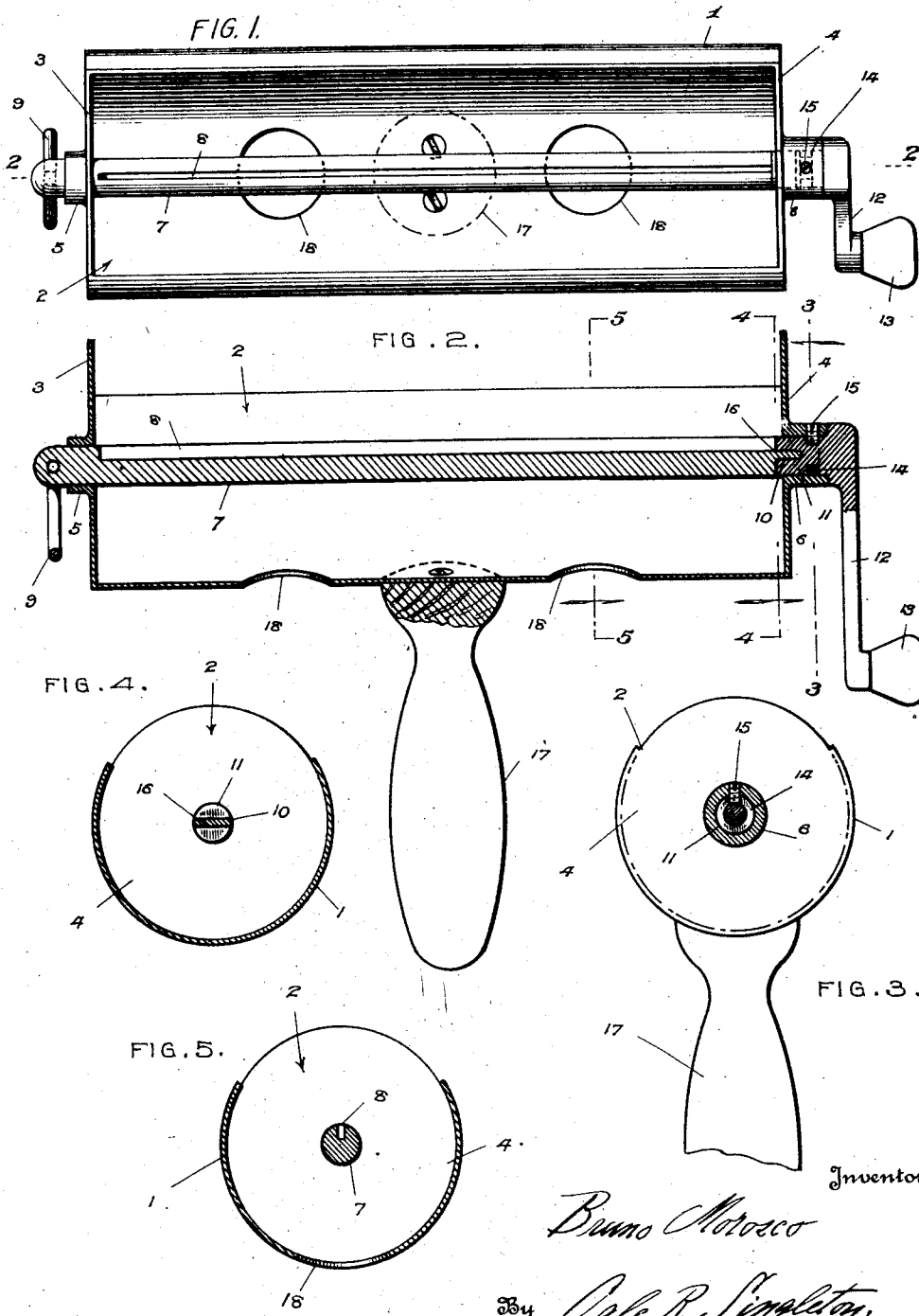
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B. MOROSCO

PAPER WINDER

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# UNITED STATES PATENT OFFICE.

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## PAPER WINDER.

Application filed May 5, 1924. Serial No. 711,151.

*To all whom it may concern:*

Be it known that I, BRUNO MOROSCO, a citizen of the United States, residing in the city of New Orleans, in the parish of Orleans, in the State of Louisiana, have invented certain new and useful Improvements in Paper Winders, of which the following is a specification.

My invention consists in a new and useful improvement in paper winders and is designed to provide a device for winding paper rolls suitable for use in barbers' chairs. My device, which is mounted upon a handle, can be carried about by the user, making it convenient for each of several barbers in a shop to wind paper rolls for his chair from a large supply roll provided for all the barbers. The particularly useful and novel feature of my device is the combination of a suitable receptacle for the individual paper roll, and the spindle and crank therein.

In the drawings filed herewith, I have illustrated one specific embodiment of my invention, but it is to be understood that I do not consider my invention limited to said specific embodiment, but refer for its scope to the claims appended hereto.

In the drawings:

Fig. 1 is a top plan view of my device.

Fig. 2 is a vertical section on the line 2-2 of Fig. 1.

Fig. 3 is a vertical section on the line 3-3 of Fig. 2.

Fig. 4 is a vertical section on the line 4-4 of Fig. 2.

Fig. 5 is a vertical section on the line 5-5 of Fig. 2.

My device comprises a cylindrical receptacle 1 provided in its top with a longitudinal opening 2 and end walls 3 and 4 provided with aligned bearings 5 and 6. Slidably received in the bearing 5 is the spindle 7 having therein a longitudinal groove 8 and on its outer end beyond the wall 3 a pull ring 9, and on its inner end the tongue 10. Suitably mounted for rotation in the bearing 6 is the stub shaft 11 to which is attached the crank 12 having the handle 13. This stub shaft 11 is provided with a cir-

cumferential groove 14 into which projects the pin 15 threaded through the bearing 6. It will be seen that the foregoing details of construction provide means for retaining the stub shaft 11 within the bearing 6 while permitting it to rotate therein. The stub shaft 11 is provided on its inner face with a slot 16 to receive the tongue 10 of the spindle 7. On the under side of the receptacle 1, I provide a suitable hand grip 17, and on either side thereof the receptacle 1 is provided with finger holes 18.

From the foregoing description of the details of construction of my device, its use will be obvious. When the parts are related as indicated in the drawings, the free end of the paper of the supply roll is inserted into the groove 8, the spindle 7 is rotated by the crank 12, the paper being thus drawn from the supply roll and wound upon the spindle 7. This process is continued until sufficient paper is wound upon the spindle 7 to fill the receptacle 1, the receptacle 1 being of such size as to receive the desired quantity of paper to provide a roll suitable for the barber's chair. When the roll upon the spindle 7 is completed, the rotation of the spindle 7 is reversed to release the end of the roll from the groove 8, and the spindle 7 is then withdrawn from the receptacle 1 by the ring 9. The roll of paper can then be ejected from the receptacle 1 by the user inserting two fingers through the holes 18 and pushing the roll upwardly through the opening 2.

Having described my invention, what I claim is:

In a paper winder, the combination of a cylindrical casing provided with a handle, a longitudinal opening and end walls; bearings in said walls; a stub shaft journaled in one of said bearings and provided with a transverse slot and an operating crank; and a spindle slidably journaled in the other bearing and provided at one end with a tongue adapted to be received in said slot, and at its other end outside said casing with a pull ring.

In testimony whereof I affix my signature.  
BRUNO MOROSCO.