

(No Model.)

F. McINTYRE.

COMBINED RUBBER TIP AND TAPE MEASURE.

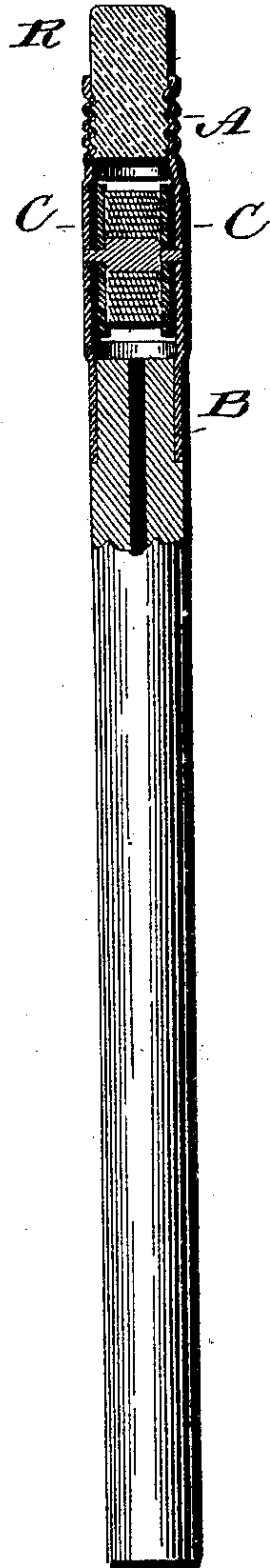
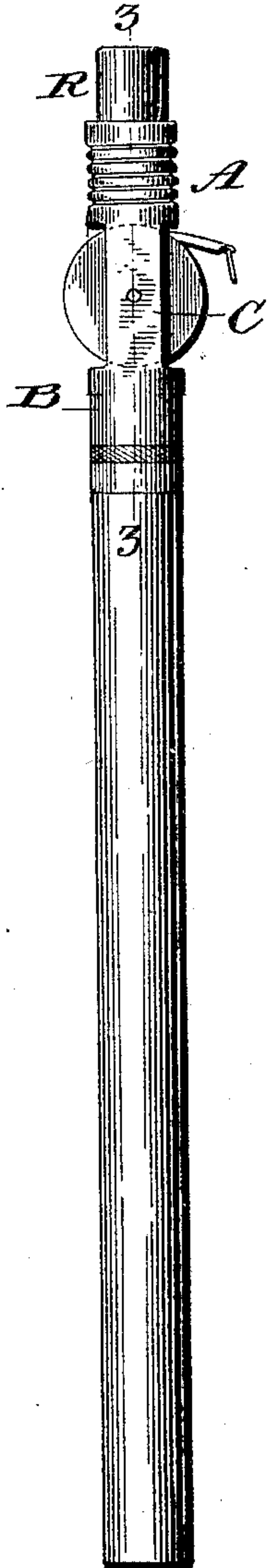
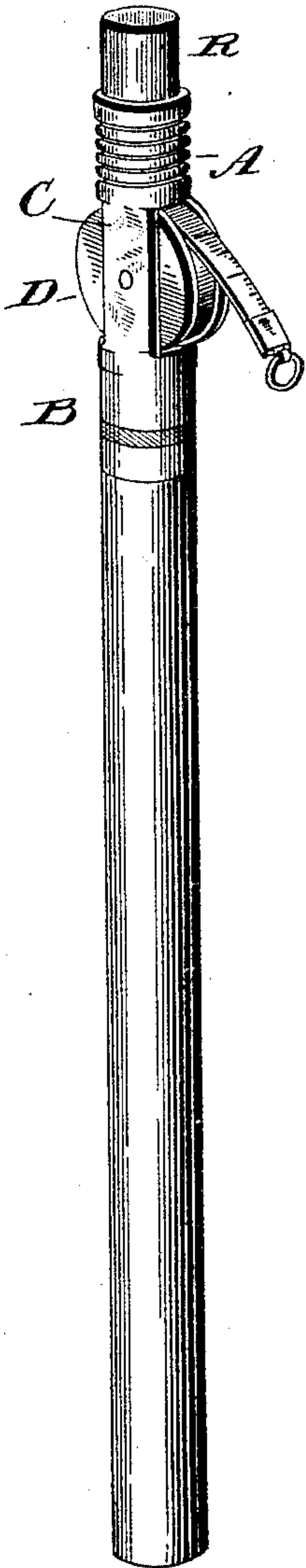
No. 462,151.

Patented Oct. 27, 1891.

Fig. 1.

Fig. 2.

Fig. 3.



Witnesses

L. C. Hills  
J. Wells

Inventor

Frank M. McIntyre  
by Marshall Bailey  
his Attorney

# UNITED STATES PATENT OFFICE.

FRANK MCINTYRE, OF NEW YORK, N. Y., ASSIGNOR TO THE EAGLE PENCIL COMPANY, OF SAME PLACE.

## COMBINED RUBBER TIP AND TAPE-MEASURE.

SPECIFICATION forming part of Letters Patent No. 462,151, dated October 27, 1891.

Application filed May 1, 1891. Serial No. 391,250. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK MCINTYRE, of the city, county, and State of New York, have invented a new and Improved Combined Rubber Tip and Tape-Measure, of which the following is a specification.

This rubber tip is intended for application to and use with a lead-pencil; and it is my object to unite with it in one simple, convenient, and cheap structure a tape-measure. To this end I interpose the tape-reel between the socket for the rubber and the socket for the pencil, hanging the reel on an axis at right angles to the longitudinal axis of the tip between the side pieces which connect the two sockets of which the tip is composed. The heads of the reel are of a diameter greater than that of the tip. They therefore project laterally beyond each side of the tip in a position to be easily taken hold of when it is desired to wind up the tape on the reel.

In the drawings, Figure 1 is a perspective view, and Fig. 2 is a side elevation, of a combined pencil-tip and tape-measure embodying my invention. Fig. 3 is a longitudinal axial section of the same on line 3 3, Fig. 2.

The tip is made of sheet metal, and it consists of the socket or holder A for the rubber R, the pencil-receiving socket B, and the side pieces or strips C, which connect the two parts and form the supports between which the tape-reel D is pivoted.

The rubber-holder A and the pencil-receiver B may be of any known and suitable construction. They are held by the connecting-strips C at such distance apart as to admit between them a tape-reel of the desired di-

ameter. This reel D is pivoted and supported in the strips C on an axis at right angles to the longitudinal axis of the tip, and the heads or end disks of the reel are of such diameter as to project laterally from each side of the tip, for the purposes hereinbefore indicated.

The parts A, B, and C can be made of one piece of metal and are so shown in the drawings. All that is needed is to take a sheet-metal tube of the required length for the whole tip, cut away on each side that portion of it which is to receive the reel, leaving in this portion mere side strips, which are then flattened out to form the reel-supports C.

The device is simple and cheap and easily made.

I make no claim to combining a tape-measure with a pencil-tip.

I am aware that it has been proposed to combine a tape-measure with lead-pencils, pencil-tips, scissors, and a variety of other articles.

What I do claim is—

The tip consisting of the rubber-holder A, the pencil socket or holder B, the strips C, extending between and connecting these parts, and the tape-reel D, interposed between the parts A B and pivoted in and supported by the strips C, as hereinbefore shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK MCINTYRE.

Witnesses:

SAMUEL KRAUS,

PERCY H. BUCKMASTER.