

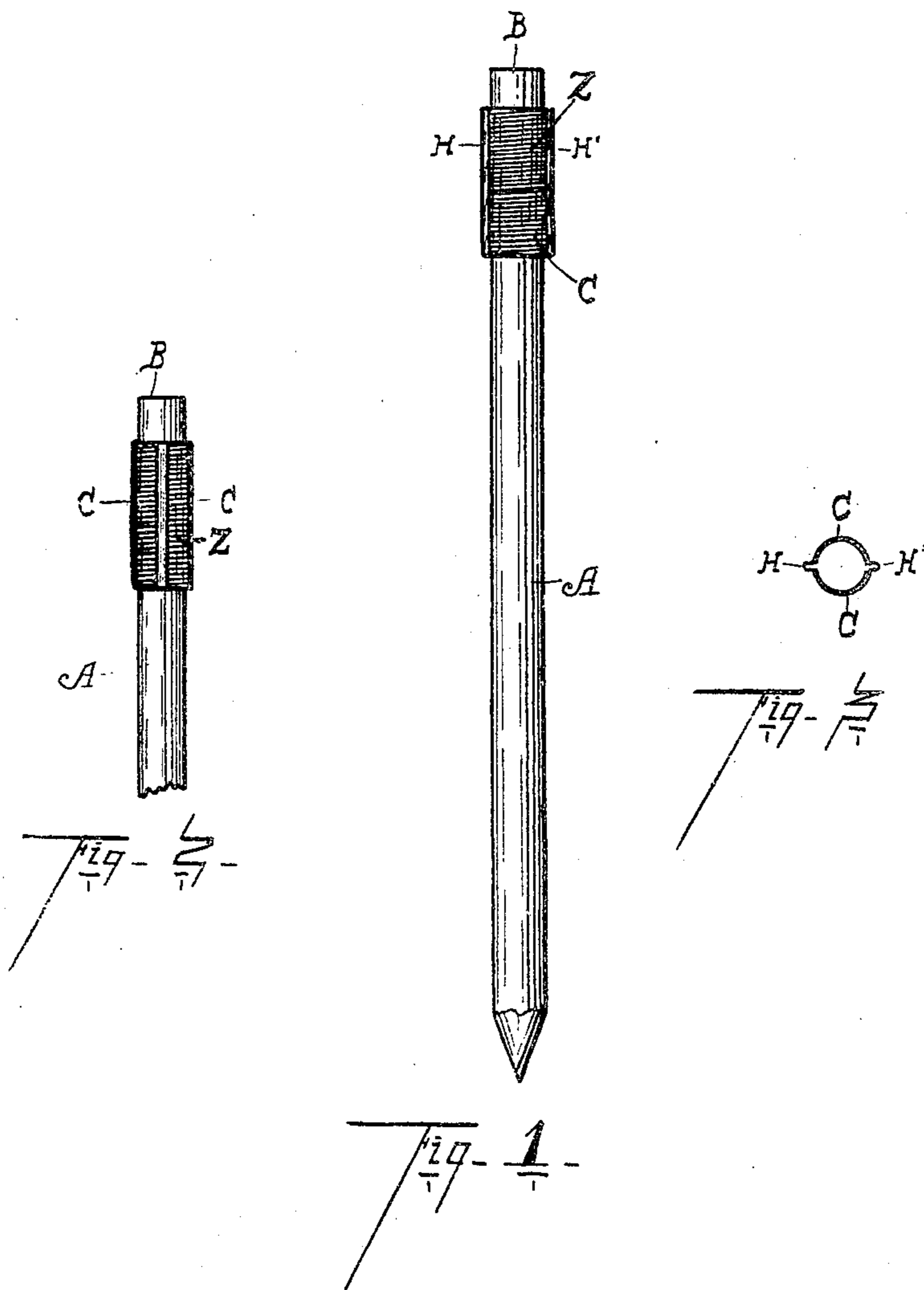
No. 808,300.

J. S. McCONNELL.

PATENTED DEC. 26, 1905.

PENCIL TIP.

APPLICATION FILED JULY 6, 1905.



Witnesses:  
Lovina Huffman  
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By his attorney,  
Robert W. Randle.

# UNITED STATES PATENT OFFICE.

JOHN S. McCONNELL, OF PRINCETON, IOWA.

## PENCIL-TIP.

No. 808,300.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed July 6, 1905. Serial No. 268,402.

*To all whom it may concern:*

Be it known that I, JOHN S. McCONNELL, a citizen of the United States, residing at Princeton, in the county of Scott, State of Iowa, have invented new and useful Improvements in Pencil-Tips, of which the following is a specification.

My invention relates to pencil-tips to be attached permanently or temporarily to the negative ends of lead-pencils or the like, in which my object is to combine simplicity, durability, and æsthetic features into a pencil-tip which may be easily and securely attached to pencils for holding an eraser and to provide means for securely holding the pencil while using the eraser, and, further, to provide means for connecting the eraser to the pencil-tip and for connecting the pencil-tip to the pencil. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 shows my invention complete as attached to a pencil. Fig. 2 shows my invention attached to a portion of a pencil, taken at right angles to that shown in Fig. 1; and Fig. 3 is a detail cross-section of my pencil-tip.

Similar reference characters denote like parts throughout the several views.

In the drawings, the letter A denotes an ordinary pencil having my invention attached thereto.

The letter B denotes an ordinary rubber eraser connected in the opposite end of my invention, and the letter C denotes my pencil-tip for connecting the pencil and the eraser.

My pencil-tip is formed of a single length of metal tubing pressed, cast, or rolled to form two oppositely-disposed longitudinal flanges H and H', extending the entire length thereof, and also being cast, pressed, or rolled to form separately-disposed ridges therearound on each side of and between said flanges, all substantially as shown in the drawings. Said tube is usually formed of a comparatively thin seamless metal, in which case the ridges Z are formed spirally by pressing or rolling, thereby forming interior threads alternately with said ridges for engaging the exterior end portions of the pencil and the rubber eraser. It will now be apparent that the rubber eraser B may be

screwed into one end of the tip to the depth desired, and the blunt end of the pencil may likewise be screwed into the opposite end of the tip, being oppositely disposed to the eraser.

From the above it will be seen that the pencil may be used for marking in the ordinary manner, and for erasing the pencil may be turned end for end and the eraser may be operated by grasping the tip between one's fingers, a secure hold being provided therefor by reason of said ridges and flanges.

Having now fully shown and described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A pencil-tip comprising, in combination with a pencil, a length of metal tubing having spiral ridges therearound, and a pair of oppositely-disposed longitudinal flanges extending out from end to end of and integral with the tip, all substantially as shown and described.

2. A pencil-tip comprising, in combination with a pencil and a rubber eraser, a length of metal tubing having spiral ridges therearound, and a pair of oppositely-disposed longitudinal flanges extending from end to end of and integral with the tip, substantially as described.

3. A pencil-tip comprising, in combination with a pencil, a rubber eraser, a length of metal tubing having spiral ridges therearound and a pair of oppositely-disposed longitudinal flanges extending out from end to end of and integral with the tip, and means for securing the eraser and the pencil in the tip, all substantially as shown and described.

4. A pencil-tip comprising, in combination with a pencil and a rubber eraser, a length of metal tubing having exterior spiral ridges therearound, and having interior spiral threads alternating with the spiral ridges, a pair of oppositely-disposed longitudinal flanges extending out from end to end of and integral with the tubing, all substantially as shown and described.

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

JOHN S. McCONNELL.

Witnesses:

LOUIS JAMES,  
CLARA McCONNELL.