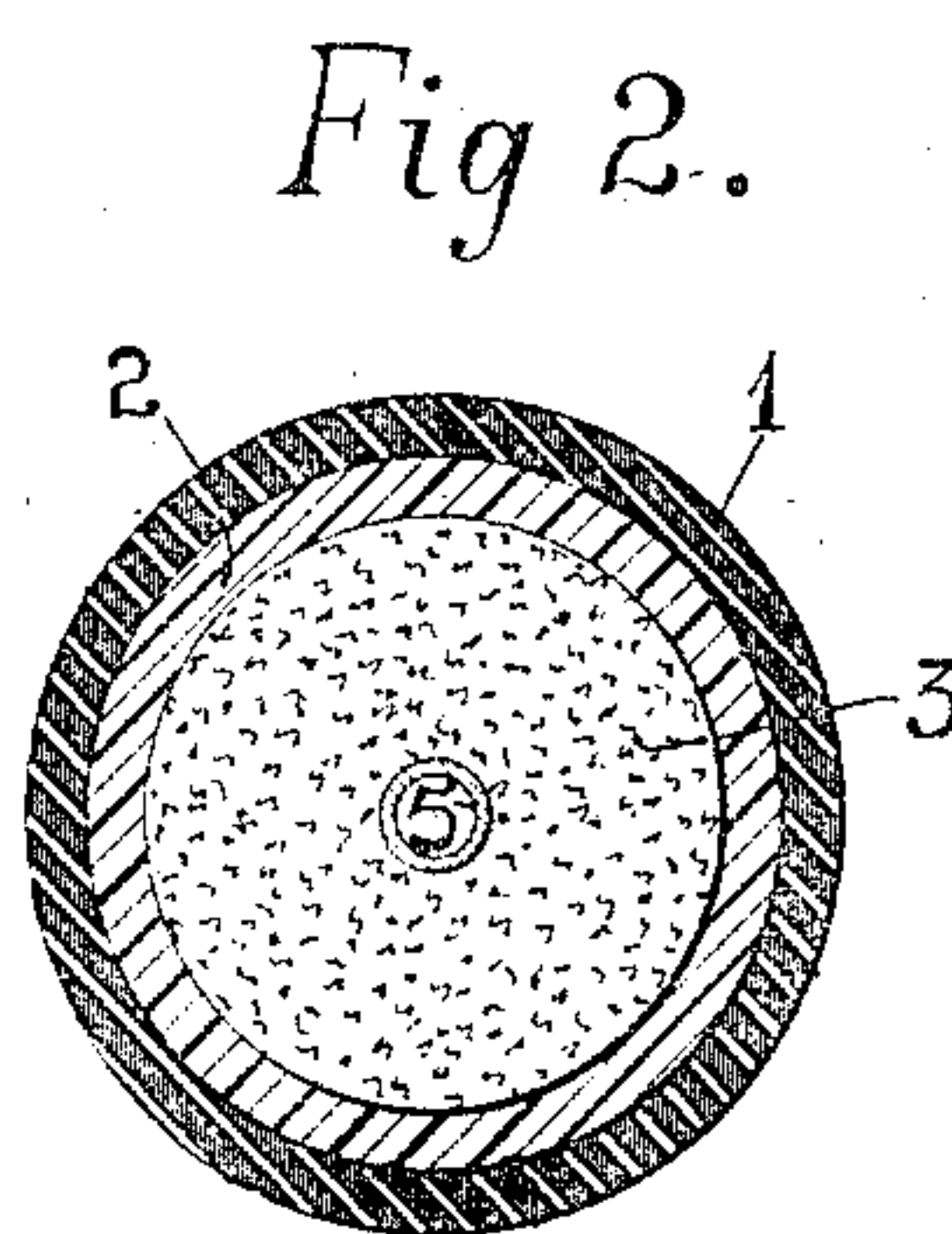
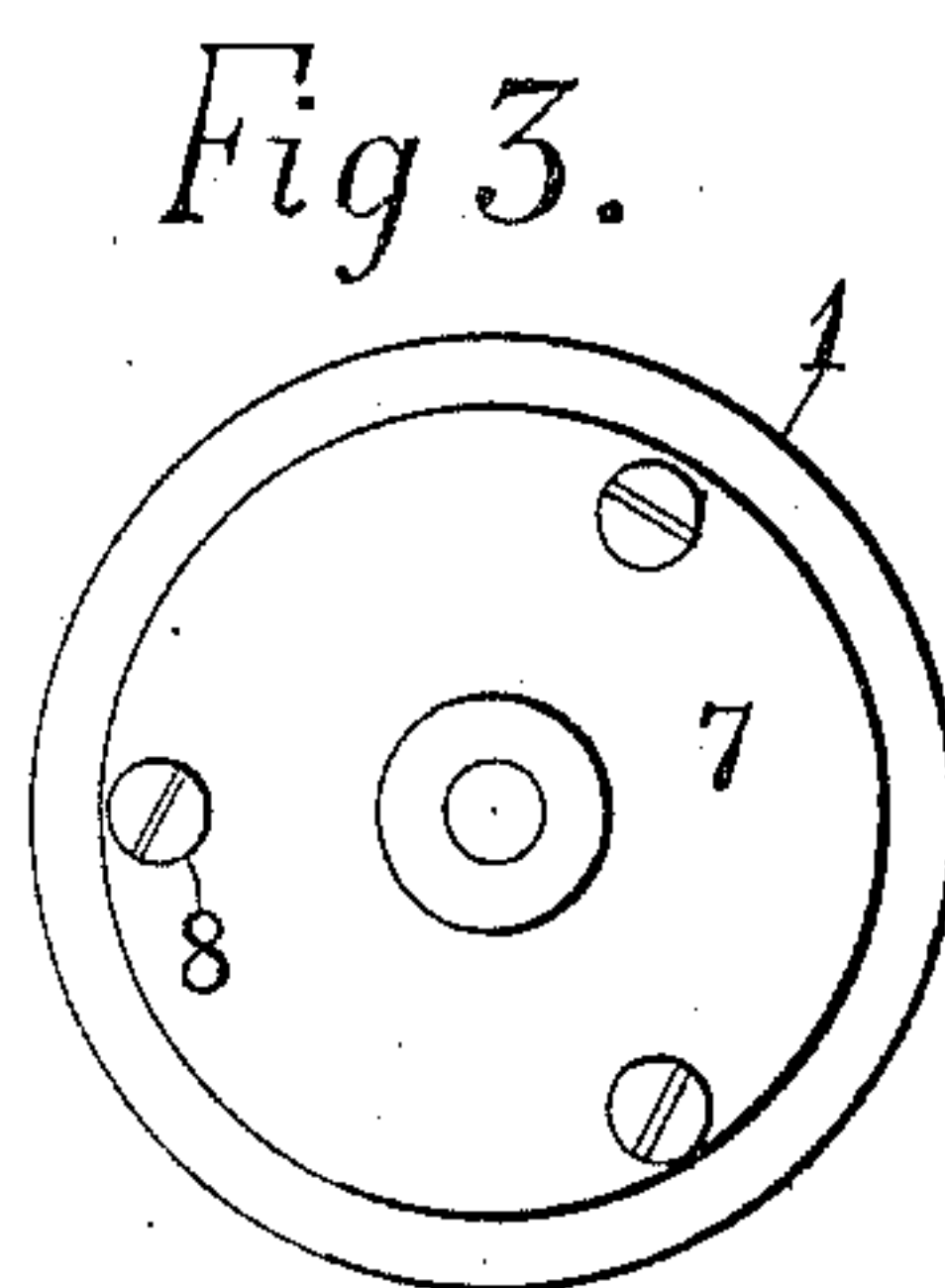
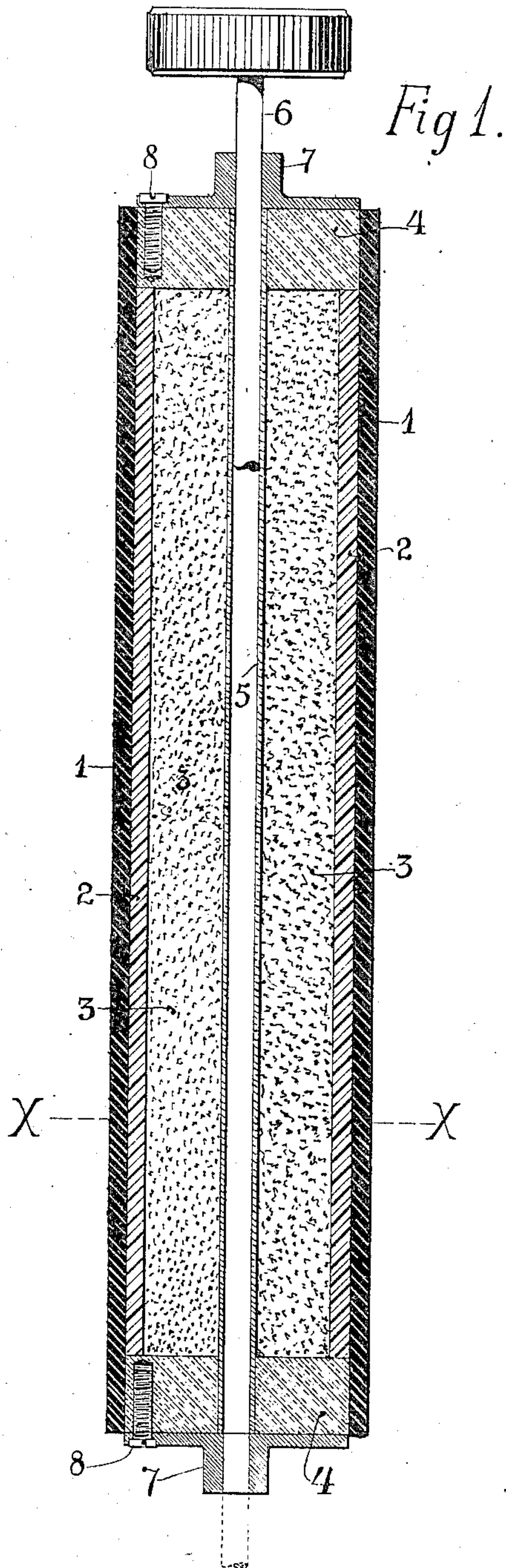


W. P. McLAUGHLIN.
TYPE WRITING MACHINE.
APPLICATION FILED JUNE 30, 1909.

960,679.

Patented June 7, 1910.



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UNITED STATES PATENT OFFICE.

WILLIAM P. McLAUGHLIN, OF NEW YORK, N. Y., ASSIGNOR TO UNDERWOOD TYPE-WRITER COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

TYPE-WRITING MACHINE.

960,679.

Specification of Letters Patent.

Patented June 7, 1910.

Application filed June 30, 1909. Serial No. 505,148.

To all whom it may concern:

Be it known that I, WILLIAM P. McLAUGHLIN, a citizen of the United States, residing in the borough of Brooklyn, city of New York, in the county of Kings and State of New York, have invented certain new and useful Improvements in Type-Writing Machines, of which the following is a specification.

10 This invention relates to sound-deadening platens for typewriting machines.

The object of the invention is to produce, at low cost, practical and efficient means for absorbing the sound vibrations produced by the blows of the types upon the platen.

15 In carrying out the invention, I line the usual rubber outer shell of the platen with cork, and fill the interior with sawdust. Plugs are inserted in the ends of the platen, and a tube is secured at its ends in said plugs; the usual platen axle passing through said tube and through the usual heads, which are secured to the plugs. The provision of the central tube permits the axle to be withdrawn without liability of any of the granular packing running out from the platen.

20 In the accompanying drawing, Figure 1 is a longitudinal section of a typewriter platen embodying my invention. Fig. 2 is a transverse section on the line X—X of Fig. 1. Fig. 3 is an end view of Fig. 1.

25 The usual rubber platen shell 1 is provided with a lining of cork 2 about as thick as the shell 1. The lining may be glued to the shell, the inner face of the latter being preferably roughened before the glue is applied. The cork 2 may be produced by boiling or otherwise moistening a sheet of cork to reduce it to a pliable condition, so that it may be bent into a tube. The chamber of the platen is filled with sawdust 3 or other suitable sound-deadening substance, preferably granular. Said sawdust packing is confined between plugs 4, which fill the outer shell 1, and are glued or otherwise secured thereto.

Extending through the plugs 4 is a central tube 5, preferably of metal, and fixed tightly in said plugs. The latter may be made of indurated fiber for lightness and stiffness and convenience in gluing the same to the shell 1. The usual platen axle 6 is inserted through the tube 5 and platen heads 7, which may be secured by screws 8 to the plugs 4.

Having thus described my invention, I claim:

1. A typewriter platen comprising an outer shell roughened on its inner surface, a tube of cork glued to said inner surface, and a sawdust packing within said tube.

2. A typewriter platen comprising a shell, a tube of cork fitting therein, a sawdust packing within said tube, and fiber heads for said shell.

3. In a typewriter platen, the combination with an impact-receiving shell, of a lining of cork for said shell, a central tube, a sawdust packing between said lining and said tube, and a platen axle extending through said central tube.

4. A typewriter platen comprising an outer shell, plugs in the ends of said shell, a sound-absorbing lining for said shell, a central tube fixed in said plugs, the chamber between the central tube and the lining being filled with sound-deadening material, and an axle extending through said central tube.

5. A typewriter platen comprising an outer shell, plugs in the ends of said shell, a sound-absorbing lining for said shell, a central tube fixed in said plugs, the chamber between the central tube and the lining being filled with sound-deadening material, heads fixed upon said plugs, and an axle extending through said heads and said central tube.

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