

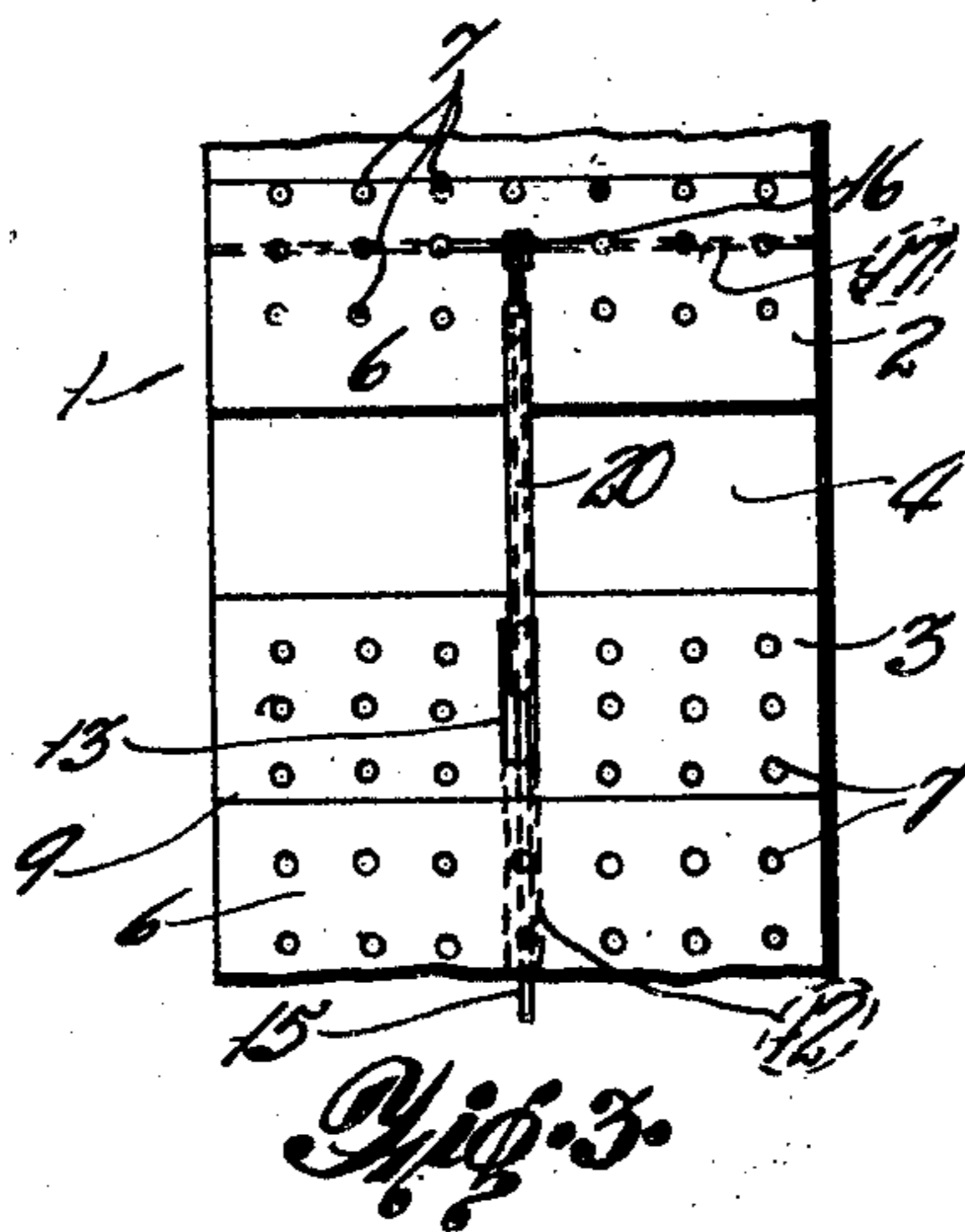
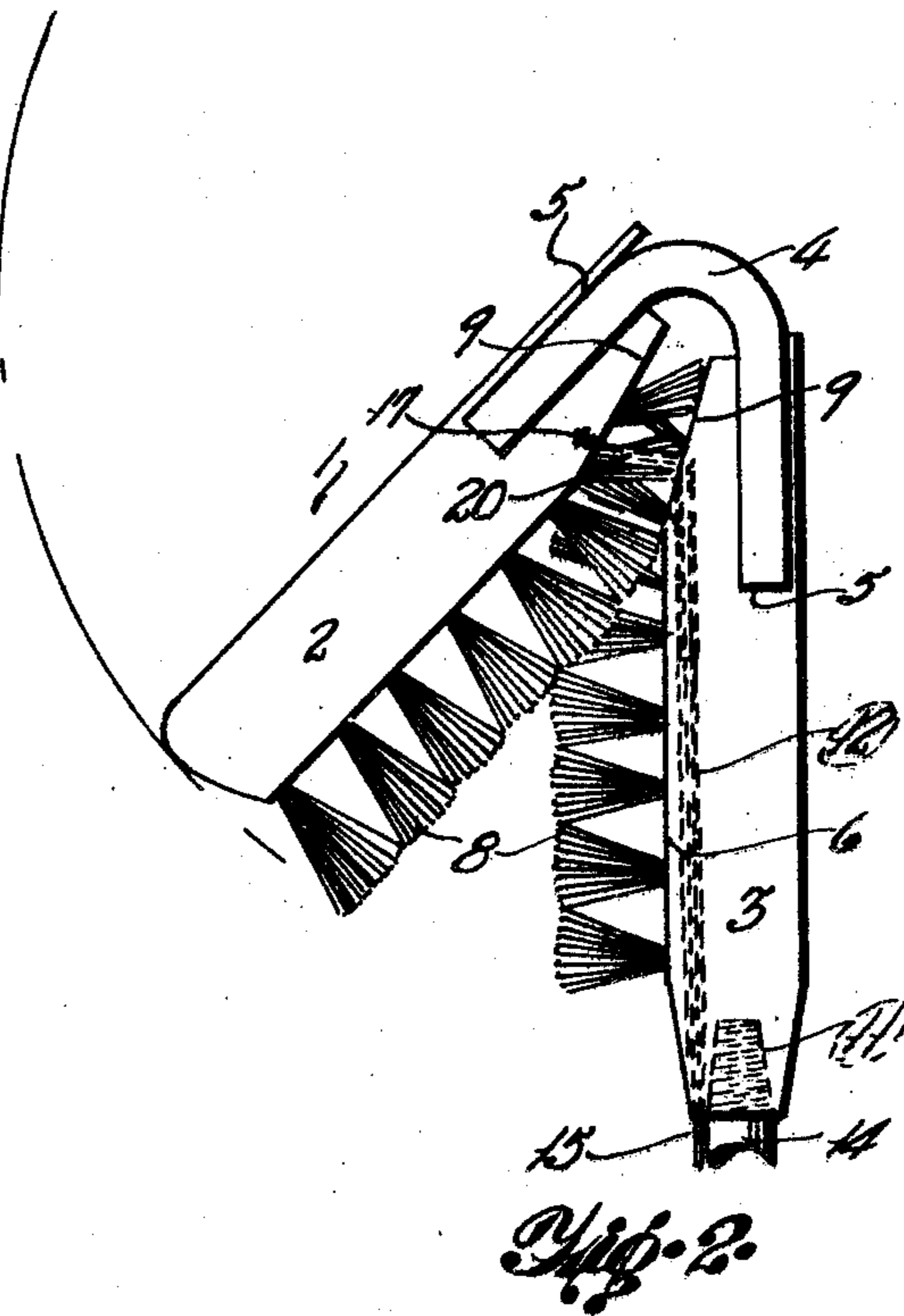
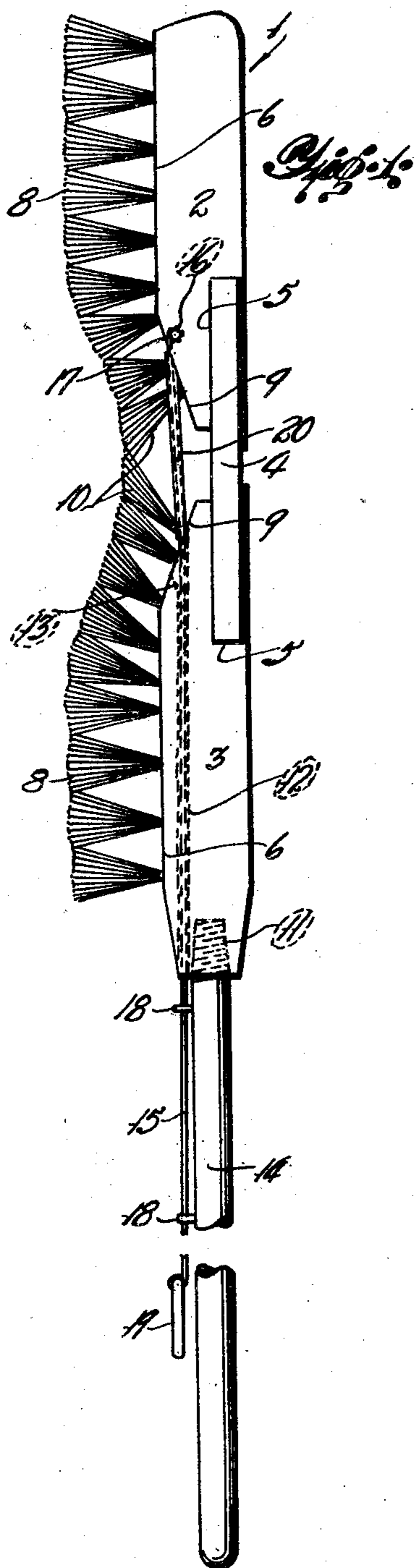
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BRUSH

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BRUSH

Application filed May 13, 1929. Serial No. 362,489.

This invention relates to brushes and more particularly to brushes for use in cleaning shafting, wiring and the like in power houses or sub-stations and around electrical machinery of any kind.

The main object of the invention is to provide a brush which may be used around electrical machinery of all kinds without endangering the user in any way.

Another object is to provide a brush which may be folded upon itself so that it will efficiently clean overhead shafting, wiring and the like.

Another object is the provision of a brush having the foregoing characteristics which will be simple and durable in construction and efficient and handy in operation.

The foregoing and other objects together with means whereby the same may be carried into effect will best be understood from the following description of a preferred embodiment of the invention taken in connection with the accompanying drawing in which:

Figure 1 is a side view of the brush, a portion of the handle being broken away.

Figure 2 is a side view of the brush in its folded position; and

Figure 3 is a face view of a medial portion of the brush, the bristles not being shown.

Referring now more particularly to the drawing, the reference numeral 1 denotes generally the stock of the brush comprising the upper and lower sections 2 and 3 connected together in spaced relationship by a flexible, resilient hinge strip 4 of rubber or the like seated at its ends in recesses 5 in the said sections 2 and 3 as shown. The bristle receiving or forward faces 6 of the sections 2 and 3 are provided with a plurality of sockets 7 in which the bristles 8 may be conventionally seated. The said upper and lower sections 2 and 3 preferably have their forward faces 6 tapered towards the back of the brush adjacent their meeting ends as shown at 9 and the bristles 8 which are seated in these tapered portions 9 are somewhat shorter so that the face of the bristles will present a concaved or inset portion at the center as shown at 10. By virtue of the foregoing construction the upper stock section 2 may be bent or

folded downwardly upon the lower stock section 3 as clearly shown in Figure 2.

The lower section 3 has a threaded socket 11 in its lower end and a longitudinally extended passageway 12 extended from its lower end to the tapered face 9. The said passageway is preferably flared outwardly or enlarged adjacent its upper end as denoted at 13. A handle 14 of any length has its upper end seated in the socket 11 and the same is preferably constructed of wood or other nonconducting material. An operating cord or cable 15 is secured at one end 16 to a pin 17 seated in the upper stock section 2 and is passed downwardly through the passageway 12 and through insulated eyes 18 on the handle 14 and is provided at its lower end with a pull ring 19 also of non-conducting material. The pin 17 is placed in the upper section 2 forwardly of the mouth of the passageway 12 for a purpose which will be readily understood.

The operation will be readily apparent. By pulling downwardly on the cable 15 the upper stock section 2 will be bent downwardly so that shafting or wires may be readily dusted or cleaned as will be understood. Upon releasing the cable 15 the hinge strip 4 will swing the said upper section 2 back into its initial position. In order to protect the cable 15 from wear at its upper end a flexible sleeve 20 of any kind may be slipped thereover. The brush is preferably entirely constructed of nonconducting material so that it may be used around electrical wiring or machinery of any kind without danger to the user.

While I have herein set forth a certain preferred embodiment of my invention it is understood that I may vary from the same in minor structural details, not departing from the spirit of the invention and within the scope of the appended claim.

I claim:

In a device of the kind described, two complementary brush sections hingedly connected end to end, the stock of the adjacent ends being tapered off towards one another upon the faces thereof from which the brush material protrudes, and one of the sections hav-

ing a passageway formed therethrough from
end to end and emerging through its said ta-
pered end, a handle extended longitudinally
from the section having the said passageway
5 formed therethrough, and an operating cord
extended through the said passageway of the
one section, the inner end of the cord being se-
cured to the tapered end of the complemen-
tary section, the said brush material at the ad-
10 jacent ends of the sections being cut away in
a concaved formation.

In testimony whereof I affix my signature.
FRANK E. CASTLE.

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