

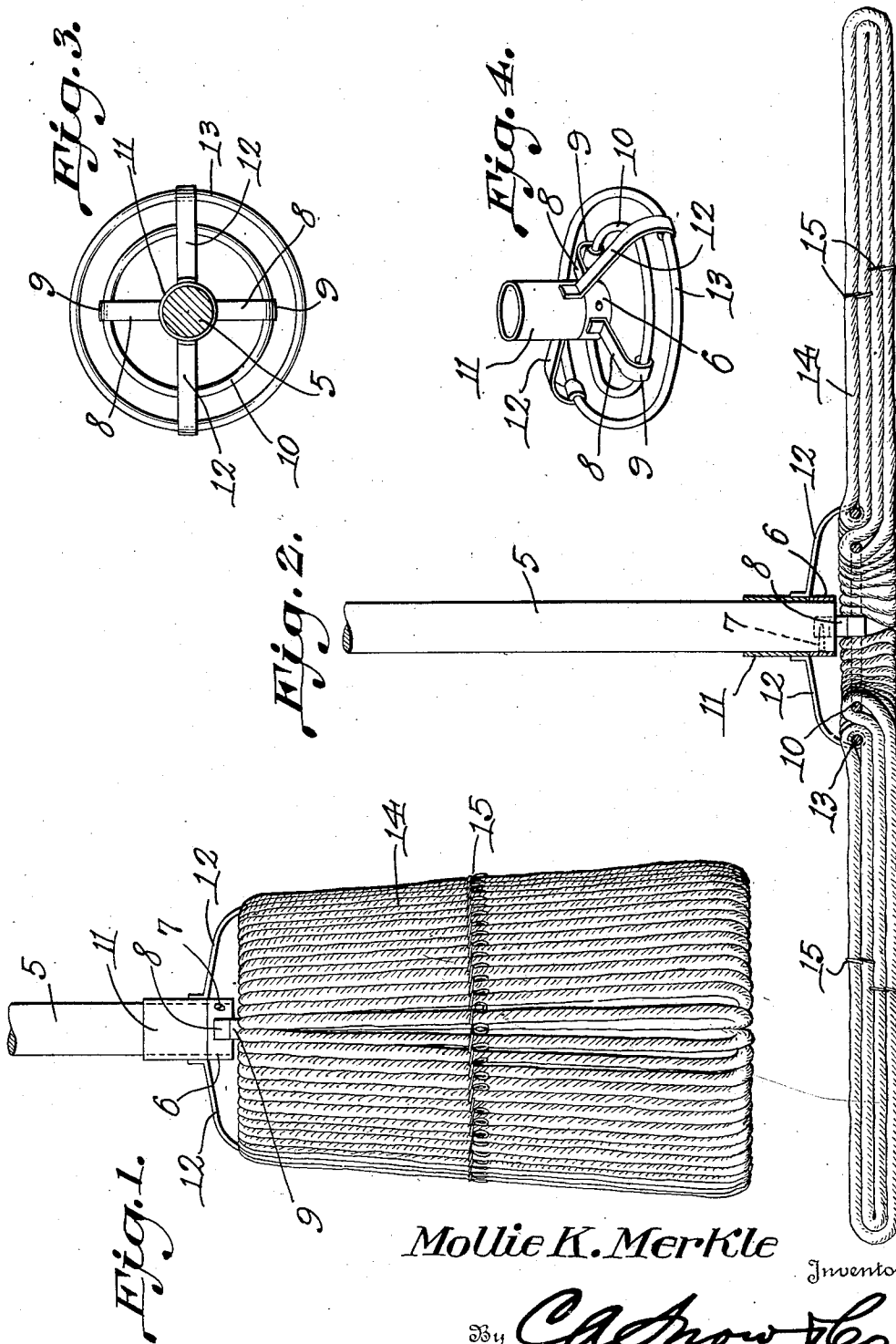
Nov. 11, 1930.

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1,781,237

MOP

Filed Oct. 10, 1929



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UNITED STATES PATENT OFFICE

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MOP

Application filed October 10, 1929. Serial No. 398,690.

This invention relates to mop construction, and aims to provide a novel form of mop wherein substantially the entire length of the mop head contacts with the floor surface, during the mopping operation, thereby greatly increasing the mopping surface of the mop with a given length of yarn.

Another object of the invention is the provision of a novel form of mop head support which will insure against the mop end of the mop stick contacting with the floor surface to mar the surface, during the mopping operation.

A further object of the invention is to provide a mop head wherein one section thereof may be twisted around the mop stick or handle, to wring the mop head.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is an elevational view of a mop constructed in accordance with the invention.

Figure 2 is a sectional view through the mop head, showing the position of the yarn of the mop head, during the mopping operation.

Figure 3 is a plan view of the mop head supporting frame.

Figure 4 is a perspective view of the mop head supporting frame.

Referring to the drawing in detail, the mop stick or handle is indicated by the reference character 5 and is inserted in the collar 6, forming a part of the inner section of the mop head frame, there being provided a securing nail 7, for securing the collar 6 to the handle 5.

Secured to the collar 6, and extending laterally therefrom, are arms 8 which have downwardly extended portions 9 that are secured to the ring 10 of the inner section of the frame, to secure the ring 10 in position.

The mop head frame also includes an outer section embodying a substantially wide collar 11 to which arms 12 are secured, the arms 12 being substantially long as compared with the arms 8, so that they extend to points beyond the ring 10 where they are secured to the ring 13, which is spaced from the ring 10 so that the yarn of which the head is constructed, may fit between the rings 10 and 13.

The reference character 14 designates the yarn used in the construction of the mop head, the yarn being looped around the ring members 10 and 13, in a manner as shown by Figure 2 of the drawing, the loops of the yarn being sewed together as at 15, to hold the yarn in proper position.

From the foregoing it will be obvious that due to this construction, the outer ring member 13 may be moved to a position adjacent to the ring 10 so that the rings 10 and 13 lie in the same horizontal plane and the yarn of which the head is formed, contacts with the floor surface throughout substantially the entire length of the yarn.

I claim:

In a mop, a head embodying a frame, said frame including a collar to be secured to one end of a mop stick, arms extending from the collar, said arms having downwardly extended outer ends, a ring secured to the downwardly extended outer ends, a collar slidably mounted on the mop stick, arms extending from the last mentioned collar and having downwardly extended ends, a ring secured to the downwardly extended ends of the last mentioned arms, and lengths of yarn looped around the rings.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

MOLLIE K. MERKLE.