

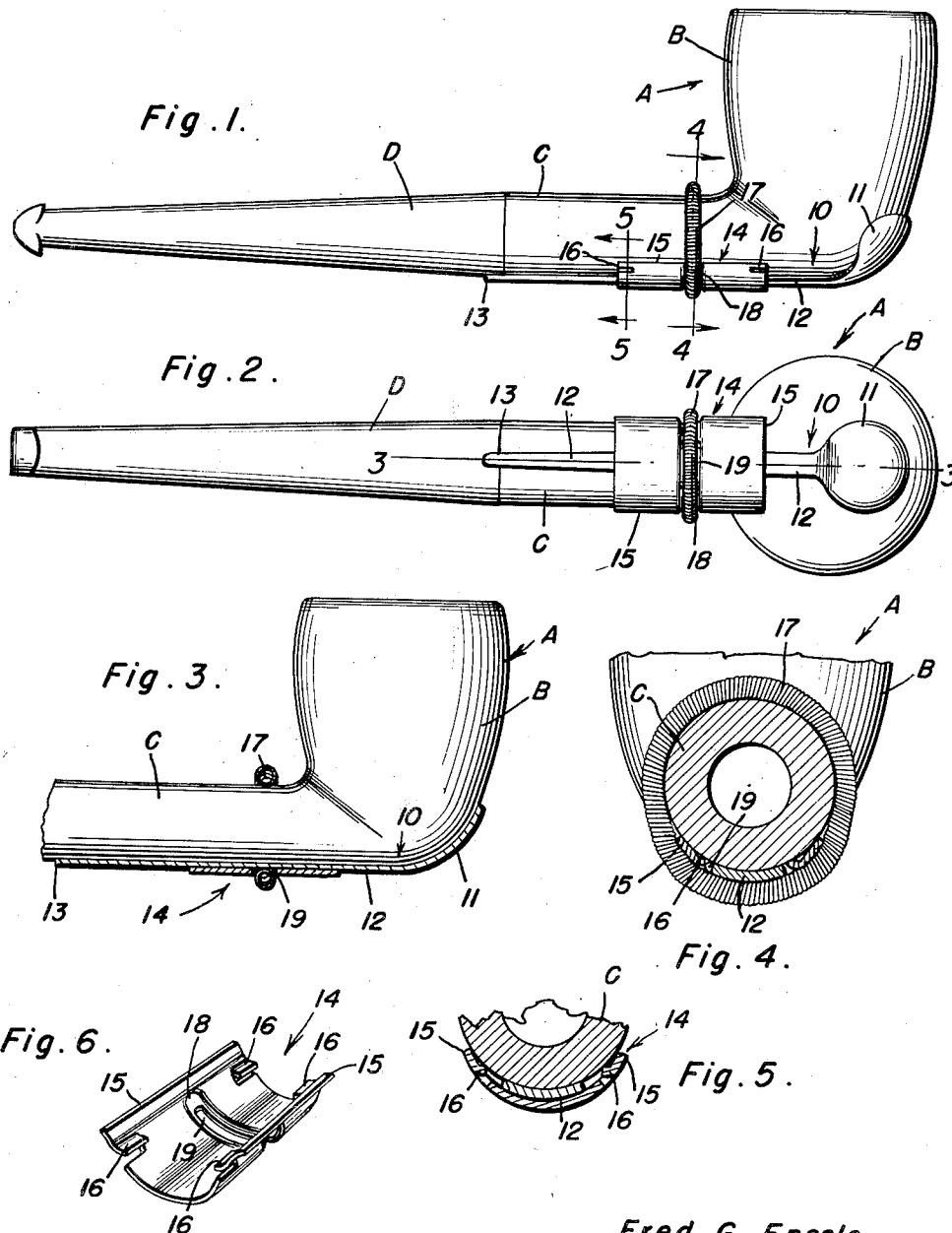
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TOBACCO SMOKING PIPE BOWL AND STEM CLEANER

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TOBACCO-SMOKING PIPE BOWL AND
STEM CLEANER

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This invention appertains, generally speaking, to smokers' appliances and accessories and has reference, more particularly, to novel means adapted to be mounted and aptly carried on a tobacco smoking pipe where it is available for ready and convenient use when one desires to clean and recondition his pipe for clean and cool smoking.

More specifically, I contemplate the provision of a simple and practical miniature "spoon" which is mounted on and becomes a part of a conventional-type pipe, said spoon characterized by a bowl portion which is suitably usable as a tamp for packing the charge of tobacco to the degree desired and a stem or handle portion which is insertable into the bowl-stem for reaming and cleaning the latter.

Another object is to provide the stated spoon whose bowl portion serves not only as a so-called tamper but, in addition, functions as an effective means to dislodge a soggy heel and to clean and scrape the pipe bowl after smoking, whereby to maintain same in good condition at all times.

Another object is to provide a conditioning spoon which is unique in that the bowl portion is shaped and conforms to and fits against a contacting basal portion of the pipe bowl, and the handle portion of the spoon likewise mates with and adapts itself to the stem, whereby when said spoon is not in use, it resides in an out-of-the-way place and does not interfere with the use of the pipe when smoking, when carrying, or when it is set upon a table or stored in a pipe rack.

A still further object is to provide a feasible and equally practicable holder for said spoon, one which takes the form of a sheath and which may be either permanently or detachably mounted and which secures said spoon against displacement and yet harmonizes with latter in avoiding the presence of undesirable surface projections on the user's pipe.

Novelty is predicated on (A) the unique miniature "spoon" as an article of manufacture, (B) the sheath-type holder for said spoon and the two units in combination with each other as well as in combination with the companion surfaces of the smoking pipe.

What is more, it is my aim to provide two kinds or styles of sheaths, one as a spring held attachment applicable by the purchaser and the other suitable for permanent installation and to become a rigid part of the pipe at the manufacturing stage.

Other objects, features and advantages, implied and otherwise evident, will become apparent from

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the following description and the accompanying illustrative drawings.

In the accompanying drawings, wherein like numerals are employed to designate like parts and elements throughout the views:

Figure 1 is a side elevational view of a conventional type tobacco smoking pipe provided with a multiple purpose miniature spoon and holder therefor, constructed in accordance with the principles of the present invention;

Figure 2 is a bottom plan view of same;

Figure 3 is a fragmentary central longitudinal section taken approximately on the plane of the line 3-3 of Figure 2;

Figures 4 and 5 are fragmentary cross-sectional views on the lines 4-4 and 5-5 of Figure 1, looking in the direction of the respective sets of indicating arrows;

Figure 6 is a perspective view of a sheath-forming clip seen in Figures 1 to 5, inclusive.

Referring to the drawings, the principal unit of the smoking pipe is denoted by the reference character A and includes a bowl B and stem C, the latter carrying the usual detachable bit D.

The aforementioned miniature multiple-purpose spoon attachment is denoted by the numeral 10 and is made of appropriate material and comprises a bowl portion 11 and a stem or handle portion 12. The handle portion 12 is of appropriate length, approximately as shown, and is tapered in width to provide a rounded terminal portion 13. In addition, it is dished transversely to conform to the curvature of the surfaces of the bowl and stem contacted when in the positions shown in Figures 1 to 5. The handle 12 is primarily used as a reamer for dislodging tobacco accumulations from the bore of the stem C. It may also be used for cleaning out the bore of the bit D. The bowl portion 11 is of a suitable size and is laterally bent in relation to the handle portion and is also concavo-convex in form and therefore, fits intimately and firmly against the convex surfaces of the basal portion of the bowl B. Said bowl portion 11 is used, as indicated, for tamping tobacco and for scraping and "spooning out" the soggy heel often lodged in the bottom of the bowl B.

The holder means comprises an attachable and detachable clip 14 of the style depicted in Figure 6. The clip is of metal or appropriate material and is channel shape in cross-section and the longitudinal lip portions 15 are provided with struck-out lugs 16 which are inwardly bent and constitute detents which frictionally "bite" into the stem C to assist in maintaining the clip in

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place. Once the clip is applied it coacts with the stem C in defining, between itself and the stem, a sheath for appropriate maintenance of the handle portion 12. The detents 16, if desired, may be placed closer together than shown so that they may serve as a guide to assist in holding the handle portion 12 against loose movement. Primarily, however, the handle portion is held in place by a coiled spring 17 which surrounds the clip and the stem C. The clip has a transverse indentation 18 which provides a seat for a portion of the spring in the manner shown. The indentation is also provided with a slot 19. It is obvious that the slot 19 serves to expose a portion of the spring and since the handle portion 12 bridges the slotted portion, the spring comes into contact with said handle portion and exerts sufficient tension thereon to adequately hold the entire spoon 10 in the out-of-the-way position shown in Figures 1 and 2.

I would stress, in connection with the spoon in particular, that the angularity of the bowl portion 11 and complementary stem or handle portion 12 is determined by the corresponding angular relationship of the bowl B to the stem C. In fact, at the time of reducing my inventive ideas to practice and selecting a structure susceptible of accomplishing my aim, I studied carefully the possibility that it would be highly advantageous to provide a multiple purpose miniature spoon, to apply the same to the bowl and stem so that it would be out-of-the-way but always ready for use and in so reasoning took the contour of the basal portions of the bowl B and stem C as a guide for shaping and contouring the spoon. Naturally, therefore, the sheath or clip followed the basic principles of the spoon construction and took the shape herein disclosed.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in the shape, size and arrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

Having described the invention, what is claimed as new is:

1. An attachment for a smoking pipe comprising a multiple purpose instrument having a head and handle portions, said handle portions having an arcuate section conformable with that portion of the stem which it is adapted to bear against, and means for removably attaching said instrument on said smoking pipe, said means comprising a channel-shaped clip having

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a transverse indentation, having inwardly directed lugs bearing against predetermined surfaces of said stem and having a transverse spring-accommodation slot, said slot being adapted to expose a limited portion of said handle, and an endless coil spring adapted to embrace said stem, clip, and handle portion, said spring being releasably engageable in said indentation and slot and thus being adapted to bear against said exposed handle portion and that portion of said spring which is adapted to contact said clip and handle portion, due to said indentation, in-bent lugs, and said slot, forming a substantially continuous convex curve.

2. An attachment for a smoking pipe comprising a channel-shaped clip adapted to conform in general shape to and to contact with curvate surfaces of a smoking pipe stem, said clip being provided intermediate its ends with a transverse indentation, said indentation having an arcuate spring-accommodating slot, said clip being further provided at corner portions with in-bent lugs providing friction keepers adapted to bear directly against the stem of said pipe, and an endless coil spring adapted to encircle the pipe stem, a portion of said coil spring being adapted to seat in said indentation and also said slot, said portion of said spring, due to said indentation, slot and in-bent lugs, being thus adapted to form a substantially continuous convex curve.

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