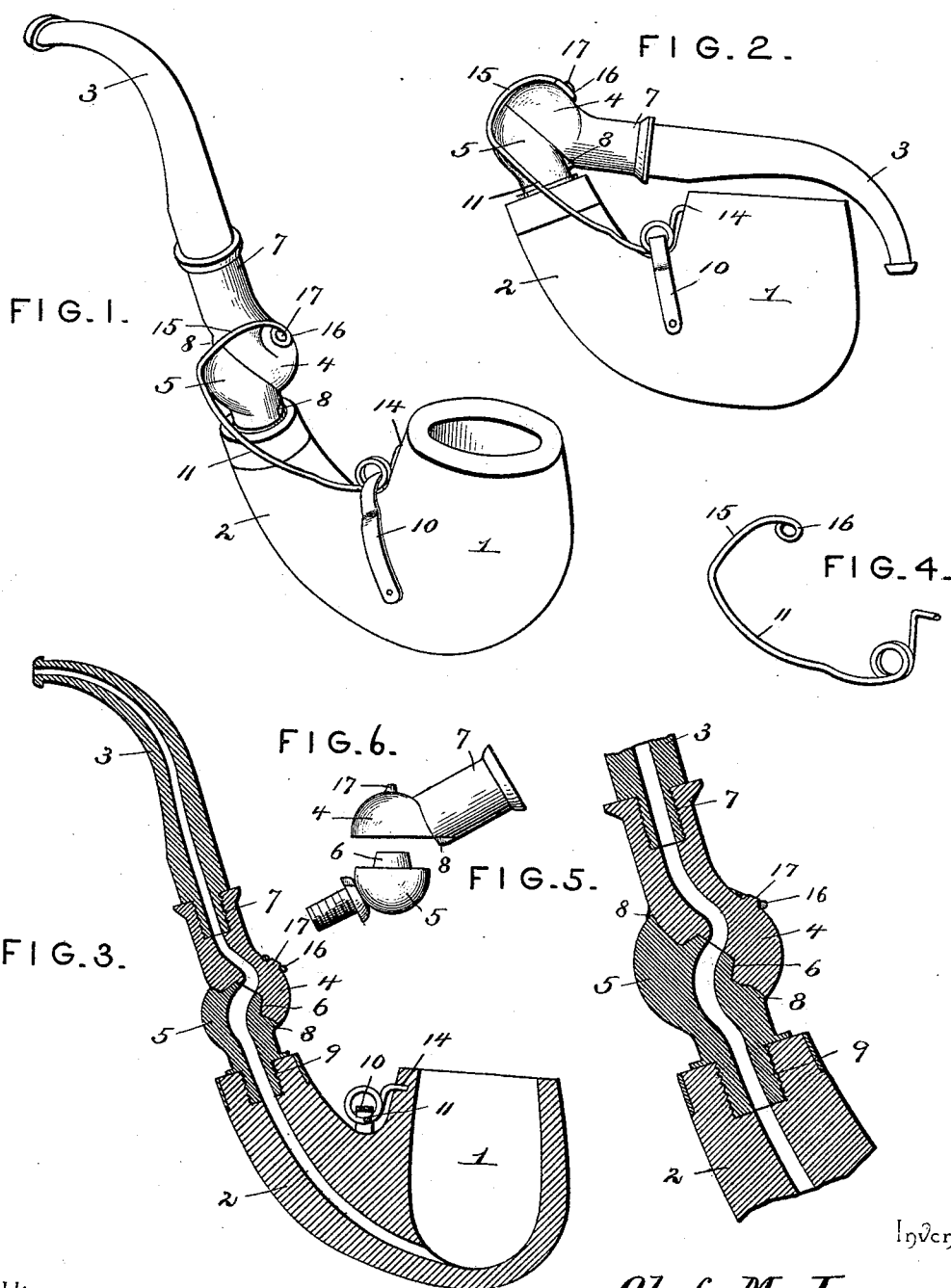


(No Model.)

O. M. JONASSON.
TOBACCO PIPE.

No. 520,599.

Patented May 29, 1894.



Inventor:

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Witnesses:

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UNITED STATES PATENT OFFICE.

OLOF M. JONASSON, OF UNIONTOWN, PENNSYLVANIA.

TOBACCO-PIPE.

SPECIFICATION forming part of Letters Patent No. 520,599, dated May 29, 1894.

Application filed June 21, 1893. Serial No. 478,349. (No model.)

To all whom it may concern:

Be it known that I, OLOF M. JONASSON, a citizen of the United States, residing at Uniontown, in the county of Fayette and State of Pennsylvania, have invented a new and useful Improvement in Tobacco-Pipes, of which the following is a specification.

My invention relates to improvements in tobacco-pipes; and the objects in view are to provide a pipe wherein the stem or mouthpiece is pivotally connected with the bowl and is adapted to swing thereover so as to decrease the normal length of the pipe as a whole and render it convenient to be carried in the pocket or be packed; to so construct the joint as to render the parts readily separable for cleaning purposes and also so as to be tight regardless of wear that may take place.

With these and various other objects in view the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings:—Figure 1 is a perspective view of a pipe embodying my invention, the same being open and ready for use. Fig. 2 is a side elevation, the pipe being folded. Fig. 3 is a longitudinal sectional view of Fig. 1. Fig. 4 is a detail in perspective of the locking-wire. Fig. 5 is an enlarged detail in section of the swiveled-joint, and Fig. 6 is a detail view of the same.

Like numerals of reference indicate like parts in all the figures of the drawings.

The pipe bowl 1, may be of any desired material or configuration, and as is usual, has projecting from one side the bored stem 2, to which is usually connected by insertion therein or continuation thereof a mouthpiece 3.

Between the mouthpiece 3 and the end of the stem is a swiveled-joint, the same consisting of an upper and a lower member designated as 4 and 5, respectively. Each member 4 and 5 is hemispherical or semi-globular, the upper-member having its lower open side slightly flared toward its base to fit over a beveled collar or flange 6 with which the upper open side of the lower-member 5 is provided, said flange being located within the edge of said lower-member, as shown. The upper-member is provided at one side and at

an angle to its semi-globular portion with an internally threaded tubular projection 7 in which is fitted the mouthpiece 3, and upon the under side thereof has a lug 8 formed at one side of its longitudinal center. The bore or passage in the tubular-portion of the member communicates with the semi-globular end thereof and with the smoke-passage in the mouthpiece. The lower-member has disposed at one side thereof and at an angle thereto the externally threaded tubular-portion 9, whose smoke-passage communicates with that of the stem and with the semi-globular end of said member, so that when the two members are mounted one upon the other it will be seen that they form a horizontally swiveling joint, so that the mouthpiece and its member may swing upon the stem of the pipe and its member, whereby the said mouthpiece is brought across the upper end of the bowl 1. It is limited in its swinging movement by its shoulder 8 contacting with a similar shoulder with which the lower member is provided at the opposite side of its longitudinal center.

Numerous devices may be devised for retaining the two members in position, and I have herein illustrated one simple form of such device, which I will proceed to describe. A bail or strap 10 of metal is secured at its terminals to the opposite sides of the pipe-bowl, at the juncture of the same with the stem, and a spring-arm 11 is coiled about an intermediate portion of said bail, the front end of said arm being laterally bent, as at 13, and preferably engaging the small perforation 14 formed in the bowl. The remaining terminal of the spring-arm extends rearward to a point opposite the swiveled-joint, thence upward as indicated at 15, and finally laterally over said swiveled-joint, where it terminates in an eye 16 that loosely engages with a small stud 17 formed upon the upper side of the upper-member of the swiveled-joint. This spring-arm serves to compress the two members of the joint together, and it will be seen that by reason of the upper member being flared and the lower member beveled to fit therein a snug joint will be formed between the two members, said joint being air-tight; and furthermore, that

any wear that may take place between the two members will be accurately compensated for automatically. Whenever it is necessary to clean the pipe it will be obvious that the spring-arm may be sprung upward so as to disengage from the stud upon the upper side of the upper member of the joint, the two members then separating and are removed from the mouthpiece and pipe-stem, so that access may be had to all parts of the pipe and a thorough cleaning result.

From the foregoing description in connection with the accompanying drawings it will be seen that I have provided a very simple swiveled connection or joint, adapted to be employed between the mouthpiece and stem of the pipe, which joint is so constructed as to be air-tight; to take up all wear; and to be readily separable for cleaning purposes; and finally, will permit of a swinging of the mouthpiece directly over or across the upper end of the bowl of the pipe.

Having described my invention, what I claim is—

1. In a pipe, the combination with the bowl, stem, and mouthpiece, of a swiveled-joint comprising a pair of sections swiveled one upon the other, one of such sections having a stud at one side, and a spring-arm secured at one end to the pipe and standing normally off or away from the stud and having an eye

adapted to be sprung over the stud, substantially as specified.

2. In a pipe, the combination with the bowl, the stem, and the mouthpiece, of the intermediate horizontally swiveling joint consisting of the upper and lower-members having semi-globular inner ends, the lower-member being provided within its upper edge with a beveled annular flange fitting loosely in the flared lower end of the upper-member, an externally threaded stem at the front side of said lower-member and disposed at an angle to the semi-globular inner end and inserted in the stem of the bowl, and the internally threaded stem at the outer end of the upper member and receiving the mouthpiece, the stud upon the upper side of the upper member, the bail secured to and embracing the bowl, and the spring-arm coiled about the bail, having one end entering a perforation in the bowl, and its opposite end bent to form an eye for engaging the stud upon the upper side of the swiveled-member, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

OLOF M. JONASSON.

Witnesses:

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E. P. LANGHEAD.