

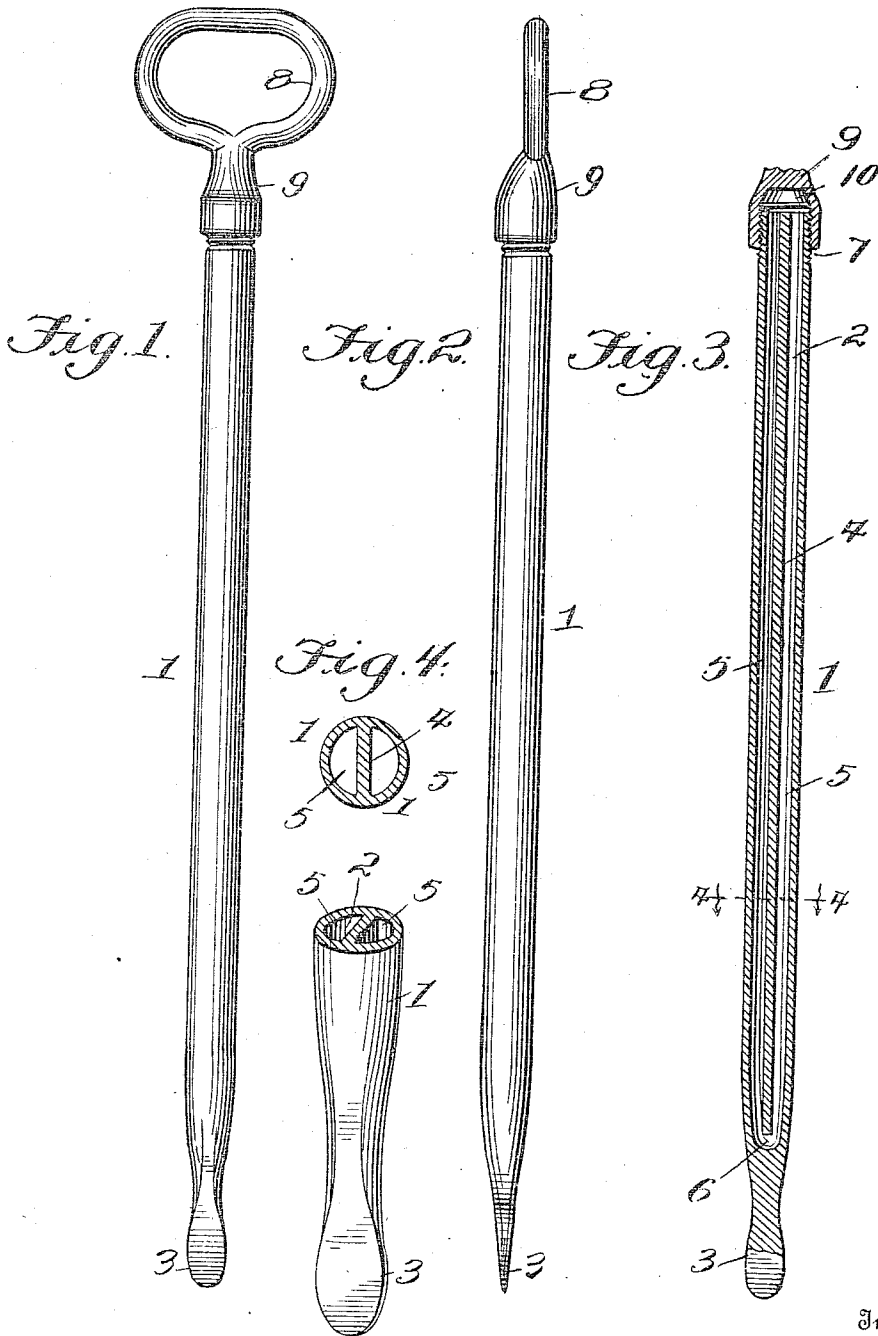
W. L. JANWICH.

POKER.

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957,679.

Patented May 10, 1910.



Witnesses

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Fig. 5.

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UNITED STATES PATENT OFFICE.

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POKER.

957,679.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM L. JANWICH, a subject of the Emperor of Russia, residing at Cliffwood, in the county of Monmouth and State of New Jersey, have invented new and useful Improvements in Pokers, of which the following is a specification.

This invention is an improved slicing bar or poker for use by stokers in firing the furnaces of steam boilers and the like, the object of the invention being to provide a poker or slicing bar which is light, exceedingly strong, which contains an air chamber that tends to prevent the overheating of the bar and is further provided with a removable handle, the said invention consisting in the construction and arrangement of devices hereinafter described and claimed.

In the accompanying drawings:—Figure 1 is an elevation of a poker or slicing bar constructed in accordance with the present invention. Fig. 2 is a similar view of the same at right angles to Fig. 1. Fig. 3 is a central longitudinal sectional view of the same. Fig. 4 is a detail transverse sectional view of the same on the plane indicated by the line 4—4 of Fig. 3. Fig. 5 is a detail perspective view of the point or fire end of the said poker or slicing bar.

In accordance with my invention, the stem or body 1 of the poker is hollow and provided with a bore 2 which extends from the inner or handle end thereof nearly to the outer, pointed or fire end 3. This bore very materially reduces the weight. In the bore and extending from the handle end of the stem nearly to the opposite end of the bore is a partition 4 which is formed integral with the stem and divides the bore into two passages or chambers 5 which communicate at the inner end of the bore as at 6. This partition forms a brace for the hollow tubular stem of the poker or slicing bar and renders the same extremely strong and durable. The said stem of the poker or slicing bar at the handle end thereof is screw-threaded as at 7.

The handle 8 is formed with an arm 9 on one side thereof which arm has a threaded socket 10 for the reception of the threaded end of the stem so that the handle may be readily attached to the stem by being screwed thereto and is rendered detachable from the

stem so that when the stem becomes worn or injured, it may be replaced and the handle continued in use, thus minimizing the cost of maintenance of the poker or slicing bar.

It will be understood from the foregoing and especially upon reference to Fig. 3 of the drawings that the socket of the handle forms a closure for the outer end of the bore of the stem so that the said bore is excluded from the outer air and is caused to confine air therein which prevents the poker stem from being readily overheated. It will, furthermore, be understood that the bore is divided by the partition 4 into two chambers which communicate with each other near opposite ends of the poker so that the confined air in the bore or chamber of the poker tends to evenly distribute the heat to all parts of the poker when the latter is in use and to prevent undue heating of that portion of the poker which is immediately in contact with the fire, thus greatly prolonging the life of the poker.

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

1. A poker or slicing bar having an air chamber therein extending longitudinally thereof, and a partition extending transversely of the said air chamber and also longitudinally thereof and terminating at its ends short of the ends of the said air chamber so that those portions of the air chamber which are on opposite sides of said partition communicate with each other.

2. A poker or slicing bar having a longitudinal air chamber therein, a partition in said air chamber, strengthening the construction of the poker or bar, and a handle having a socketed arm screwed to said poker or bar.

3. A poker or slicing bar having a longitudinal air chamber therein, a partition in said air chamber, strengthening the construction of the poker or bar, and a handle having a socketed arm screwed to said poker or bar, and forming a closure for one end of said air chamber.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM L. JANWICH.

Witnesses:

FRANK P. LAMBERTSON,
ROBERT P. MASON.