

June 19, 1923.

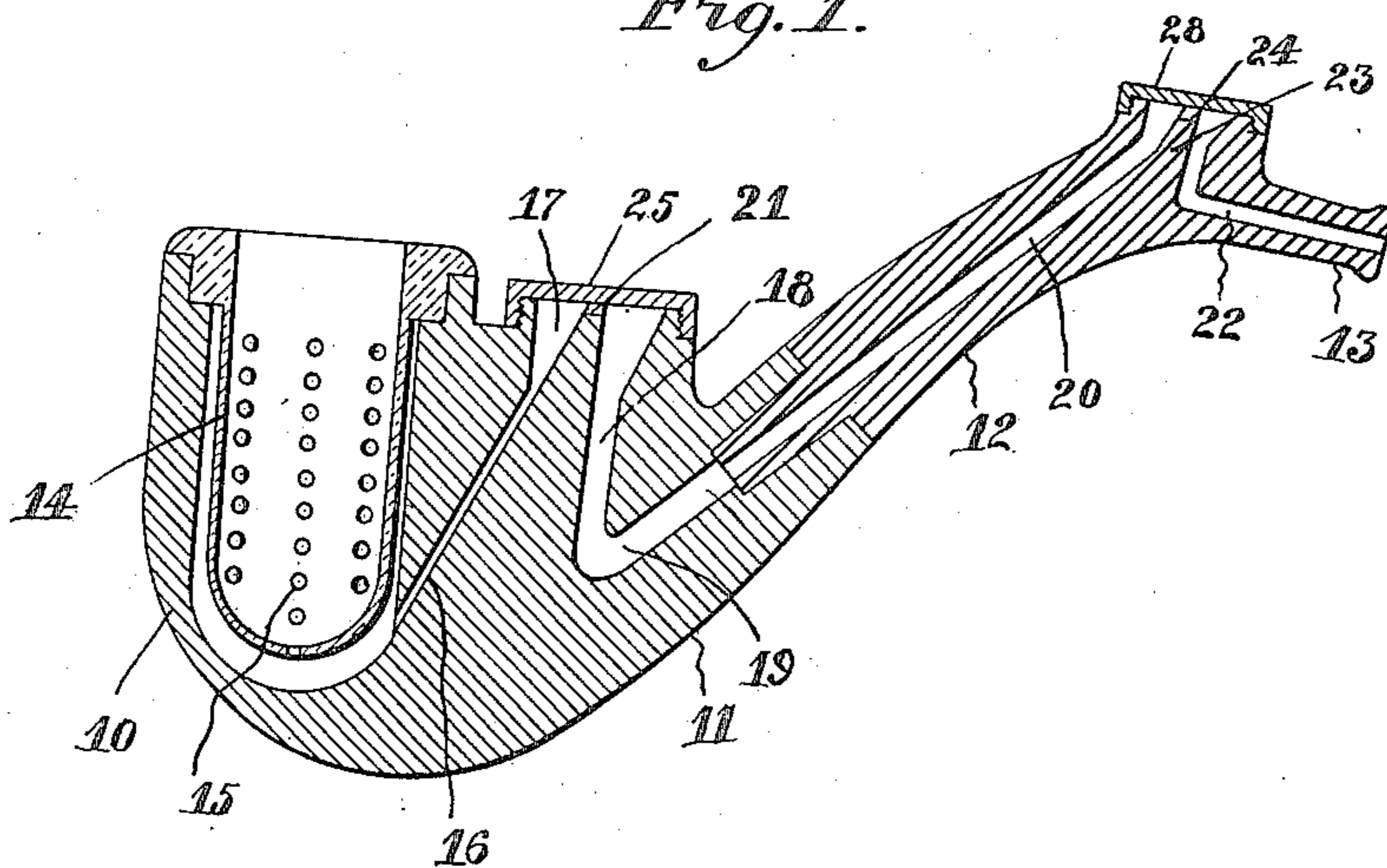
1,459,619

J. E. DODD

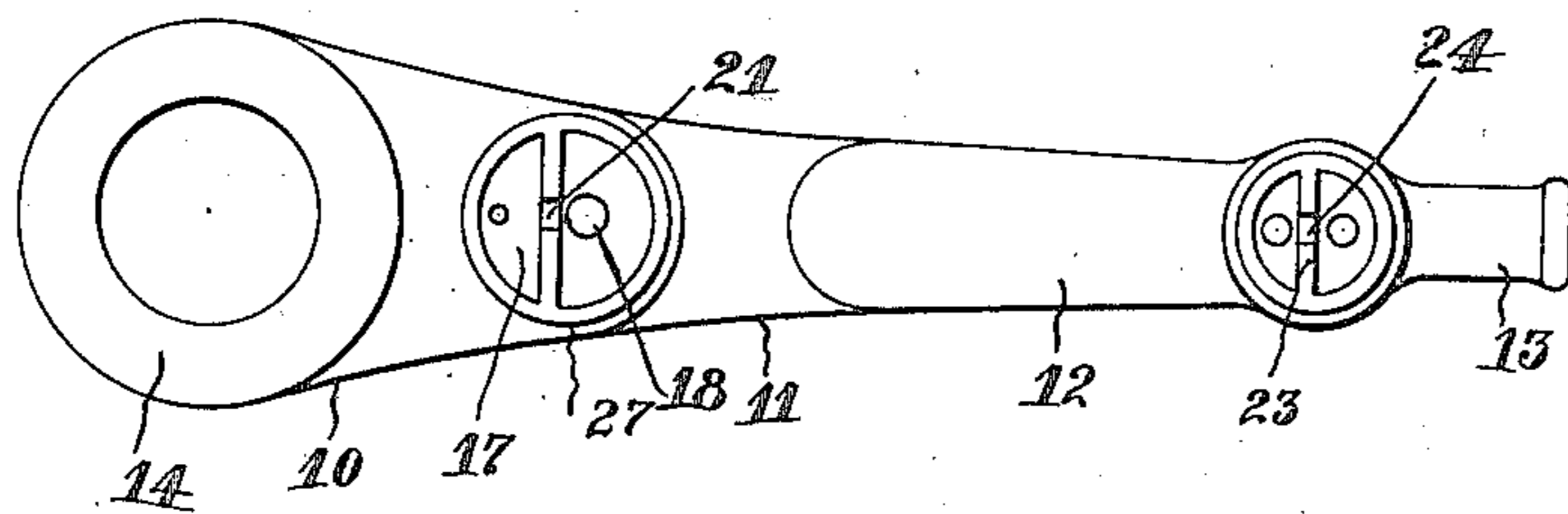
PIPE

Filed June 18, 1921

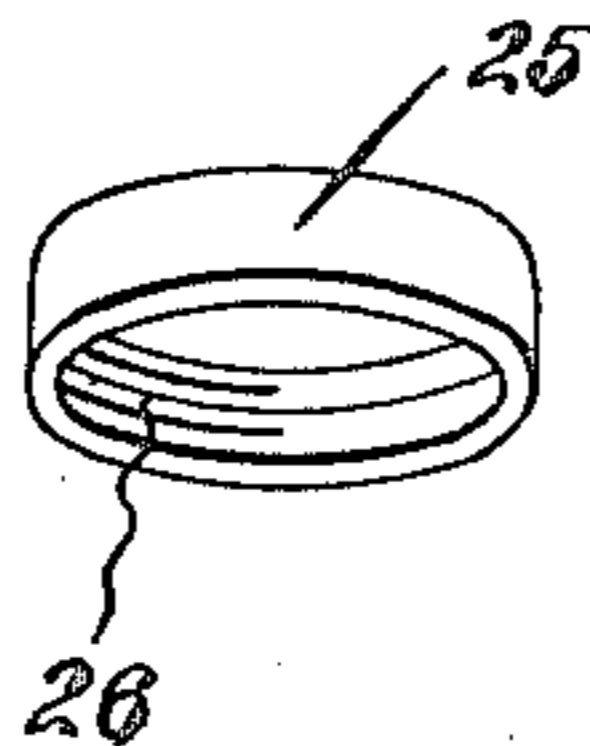
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



J. M. Evans

WITNESS:

Jacob E. Dodd

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ATTORNEY

Patented June 19, 1923.

1,459,619

# UNITED STATES PATENT OFFICE.

JACOB E. DODD, OF ORANGE, TEXAS.

## PIPE.

Application filed June 18, 1921. Serial No. 478,650.

*To all whom it may concern:*

Be it known that I, JACOB E. DODD, a citizen of the United States, residing at Orange, in the county of Orange and State of Texas, have invented new and useful Improvements in Pipes, of which the following is a specification.

This invention comprehends the provision of a smoker's pipe, wherein the smoke passage leading from the bowl to the mouth piece is of zig-zag formation, for the dual purpose of preventing saliva entering the smoke passage and finding its way to the bowl, as well as to allow the smoke ample time to cool before entering the mouth of the user.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawing, the invention residing in the construction, combination, and arrangement of parts as claimed.

In the drawing forming part of this application, like numerals of reference indicate similar parts in the several views and wherein:

Figure 1— is a longitudinal sectional view through the pipe constructed in accordance with my invention.

Figure 2— is a top plan view with the caps removed.

Figure 3— is a detail view of one of the caps.

Referring to the drawing in detail, 10 indicates the bowl of the pipe, which is provided with a stem preferably, although not necessarily made in two sections 11 and 12 respectively. The mouth piece 13 projects from the section 12 at an angle thereto so as to prohibit saliva from entering the smoke passage to be hereinafter described. The bowl 10 is designed to accommodate an auxiliary bowl 14 which is preferably constructed of metal and perforated as at 15.

The smoke passage which establishes communication between the bowl 10 and the mouth piece 13 is of zig-zag formation, and includes a portion 16 which extends from the lower end of the bowl in a forward direction to the upper edge of the pipe, opening at its upper end into a pocket 17. Another portion 18 of the passage extends downwardly from the upper edge of the pipe and is curved as at 19 into aline with the passage 20 provided in the section 12 of the

stem. The pipe is cut away as at 21 to establish communication between the portion 16 of the smoke passage and the portion 18 thereof. The passage 22 of the mouth piece is separated from the bore 20 of the stem by means of a partition 23, although this partition is cut away as at 24 to allow the smoke to continue from the bore 20 into the passage of the mouth piece.

The pocket 17 above referred to is closed by means of a removable cap 25 and this cap is preferably threaded as at 26 so that it can be screwed upon the threaded portion 27 of the pipe. The cap directs the smoke from the pocket 17 into the passage 18. An additional cap of similar construction is indicated at 28 and closes the adjacent ends of the bore 20 and the passage 22 of the mouth piece, and also directs the smoke from the bore 20 through the cut away portion 24 into the mouth piece.

Manifestly, by reason of the construction herein shown and described, the smoke leaving the bowl 10 enters the portion 16 of the smoke passage and is conveyed to the pocket 17, at which point is deflected by the cap 25 into the passage 18 and conveyed through the stem of the pipe until it strikes the cap 28 which retards the flow, and causes the smoke to pass over the partition 23 through the cut away portion 24 into the passage 22 of the mouth piece. As illustrated the mouth piece 13 is arranged at an angle with respect to the section 12 of the stem, and consequently the saliva entering the mouth piece from the mouth of the user will seek its level in the curved portion 19 of the passage 18, and in this manner will be prohibited from entering the bowl 10. The bowl is always maintained in a clean condition, and when necessary the sections of the stem as well as the mouth piece can be readily separated to properly clean the same. If desired, the mouth piece can be detachably connected with the section 12 of the stem for the purpose just mentioned. In addition to preserving the pipe in a clean condition, the particular formation of the smoke passage also allows the smoke to cool before it enters the mouth of the user. The invention is very simple in construction and can be manufactured and sold at a very nominal cost.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not

limit myself to what is herein shown and described, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

5 What I claim is:

A smoker's pipe comprising a bowl, a stem, and a mouth piece arranged at an angle with respect to the stem and bowl, and said stem and mouth piece being provided  
10 with a zig-zag smoke passage beginning at the bowl inclined upwardly therefrom and opening into a pocket, a removable cap secured to said stem and adapted to overlie the pocket, thence the passage extends down-  
15 wardly but communicates at its upper portion with the pocket through the medium of

a cutaway portion which is also covered by the cap, said passage from its downward course is again inclined upwardly to a greater distance than its first inclination and communicates with the mouth piece through the medium of a second cutaway portion and is thence slightly inclined toward the greater inclination and downwardly directed a shorter distance than the first downward  
20 course and ending in a near horizontal course to the end of the mouth piece, a second cap being adapted to cover the last mentioned cutaway portion. 25

In testimony whereof I affix my signature. 30

JACOB E. DODD.