No. 764,678. PATENTED JULY 12, 1904.

L. ROSENTHAL.

MEDICAL TABLET.

APPLICATION FILED MAR. 15, 1904.

NO MODEL.

Fig. 1.

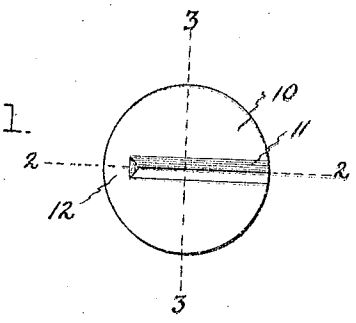
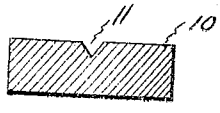


Fig. 2.



Fig. 3.



Witnesses
Wm. S. Hodges
Charles F. Robert

Inventor
Louis Rosenthal
by Henry P. Blair,
Attorney

No. 764,678. Patented July 12, 1904.

UNITED STATES PATENT OFFICE.

LOUIS ROSENTHAL, OF MONTREAL, CANADA.

MEDICAL TABLET.

SPECIFICATION forming part of Letters Patent No. 764,678, dated July 12, 1904.

Application filed March 15, 1904. Serial No. 198,227. (No model.)

To all whom it may concern:

Be it known that I, LOUIS ROSENTHAL, of Montreal, in the Province of Quebec, Canada, have invented certain new and useful Improvements in Medical Tablets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention contemplates certain new and useful improvements in medical tablets.

In administering medicines in tablet form it is often desirable, particularly when the patient has enlarged tonsils or finds it difficult otherwise to swallow or take the medicine in one tablet, to so divide the tablet that the two equal halves can be swallowed instead of the one tablet or where powerful medicines are employed to reduce the quantity or size of the dose. Heretofore it has been impossible to secure any degree of accuracy in dividing the tablet into equal halves when necessary and at the same time retaining the requisite amount of strength and adhesion in the whole tablet when not required to be divided or in reducing the dose in medicines of strong character, for the reason that no provisions have been made whereby the tablet itself may be readily and uniformly broken or broken at all conveniently, while at the same time retaining the requisite strength and adhesion when not required to be broken. My invention is designed to overcome this objection; and it has for its object the production of a medical tablet provided with means whereby the same may be fractured along a predetermined line to form two equal halves, which may be more easily swallowed than the whole tablet or two doses of equal strength, but each of less strength than the complete tablet.

The invention will be hereinafter fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a plan view illustrating my improved medical tablet. Fig. 2 is a sectional view on line 2 2, Fig. 1. Fig. 3 is a similar view on line 3 3, Fig. 1.

Referring to the drawings, 10 designates a tablet, which may be of any preferred shape, the same being provided with a comparatively deep groove or scored portion 11 extending partially across the face thereof, leaving an unbroken portion 12 of the body of the tablet, which serves to strengthen the union between those portions of the tablet located on each side of said groove or scored portion.

In practice, when it is desired to divide the tablet into two similar tablets of equal size in order to render it always possible for the patient to swallow the dose or to administer a smaller dose than that contained in the entire tablet, it is only necessary to take the latter between the thumb and forefinger of each hand, and a slight pressure will cause a fracture to extend along the line of the groove or scored portion 11 and through the uniting portion 12, thus dividing the tablet into two equal halves.

The advantages of my improved tablet will be at once apparent to those skilled in the art to which it appertains. It will be particularly observed that by forming the groove in the face of the tablet the latter may be readily fractured, and by terminating said groove short of one edge of the tablet and leaving an unbroken connecting portion the two halves of the tablet remain united with sufficient strength to avoid accidental fracture. It will also be observed that by constructing a medical tablet after my invention the same can be readily broken into two equal halves, so as to render it possible for the patient to swallow the dose, or divided into accurate and uniform smaller doses.

I am aware that it is old to score candy, soap, and the like for the purpose of guiding the line of fracture, and hence do not make claim to such structure. So far as I am aware, however, I am the first to provide a medical tablet with a scored portion to guide the fracture, said scored portion extending only par-

tially across the tablet, whereby a strengthening-web is secured.

I claim as my invention—

A medical tablet having a groove or scored portion extending centrally across the face thereof from one edge and terminating short of the opposite edge.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

LOUIS ROSENTHAL.

Witnesses:

ARTHUR R. HOLDEN,

A. B. WRIGHT.