

UNITED STATES PATENT OFFICE.

FLOYD D. BOYD, OF BLOOMFIELD, NEBRASKA.

METHOD OF TAKING FINGER PRINTS.

No Drawing.

Application filed December 15, 1922. Serial No. 607,219.

To all whom it may concern:

Be it known that I, FLOYD D. BOYD, a citizen of the United States, residing at Bloomfield, in the county of Knox and State of Nebraska, have invented new and useful Improvements in Methods of Taking Finger Prints, of which the following is a specification.

This invention contemplates a new and improved method of taking finger prints, hereinafter specifically described and claimed.

In carrying out the present invention, use is made of a suitable acid, with which the fingers are moistened, and subsequently brought into contact with the paper or other material, upon which the print of the fingers is to be made, the material subsequently subjected to heat, which causes the acid to burn the prints of the fingers in the material.

The method consists in the use of sulphuric acid or the like, or use may be made of other acid properly diluted, in which instance, it is preferably diluted with butter fat or like substance. The solution is applied to the fingers, in any suitable manner, and the fingers then brought into contact with a piece of paper or other suitable material. The material is then held over a flame or heat, produced by a suitable heater, which causes the acid to burn the prints of the fingers into the material above mentioned. The method further contemplates the use of pure concentrated sulphuric acid, which is poured upon a brick or the like,

and the latter remained to stand until it absorbs the acid. The fingers are then drawn over the brick or other objects which are moistened, and when the fingers are properly dampened with the acid, they are then brought into contact with the paper or other material upon which the print of the fingers is to be made. The material is then held over a flame or other heat and the desired results obtained. It is the combination of the heat and acid which causes the exact prints of the fingers to be burned into the material used. The method is particularly advantageous for use with commercial papers, upon which the prints of the fingers can be easily and conveniently made.

What I claim is:—

1. A new and improved method of taking finger prints, consisting of moistening the fingers with suitable acid, then bringing the fingers into contact with a piece of paper or other suitable material, and subsequently subjecting the said material to heat, whereupon the prints of the fingers are burned in said material.

2. The herein described method of taking finger prints, consisting in the use of a pad adapted to be moistened with acid, then rubbing the fingers over the said object and subsequently bringing the fingers into contact with a piece of paper or other material, and finally subjecting the material to heat whereupon the prints of the fingers are burned in said material.

In testimony whereof I affix my signature.

FLOYD D. BOYD.