UNITED STATES PATENT OFFICE.

LOUIS D. SINGER, OF HARRODSBURG, KENTUCKY.

WAX FLOWERS AND PROCESS OF MAKING THEM.

1,400,324. Specification of Letters Patent. Patented Dec. 13, 1921.

No Drawing. Application filed June 28, 1920. Serial No. 392,381.

To all whom it may concern:

Be it known that I, LOUIS D. SINGER, a citizen of the United States, residing at Harrodsburg, in the county of Mercer and State of Kentucky, have invented Improvements in Wax Flowers and Processes of Making Them, of which the following is a specification.

This invention relates to wax flowers and the like for funeral designs or any other purposes and a process of making the same.

One object of the invention is to provide flowers of this character which closely simulate nature and are yet of sufficient rigidity to resist breakage incident to careless handling.

Another object of the invention is to provide a process for producing wax flowers of this character by coating with wax, paper articles, in a peculiar manner.

Another object is to provide such a process which while simple and cheap to carry into effect produces the most perfect and life like articles the artificiality of which is difficult to detect.

In carrying out the process constituting a part of this invention flowers or other articles to be waved made of crape or other suitable paper and which may be bought in the open market or not as desired, are first subjected either in sections or in completed form to a melted paraffin wax bath of approximately 130° F. After immersing the flower in such a bath it is removed and suitably placed for cooling of the wax coating obtained by such immersion. After the coated article has cooled the wax solidifies thereon and it is then ready for further treatment. The wax bath is then brought to a temperature such as will cause the wax to have a smooth glossy finish and which is of a lower temperature than the first bath. The wax coated flower is then again dipped into said bath and placed and allowed to remain on a suitable rack or other support for a predetermined period of time sufficient to allow the last coating to dry or harden, usually requiring from three to four hours for each hardening operation according to the surrounding atmospheric conditions.

This repeated dipping and cooling of the flower is continued until the desired appearance is obtained. The wax bath in which the flower is repeatedly immersed is successively reduced in temperature each immersion being in a bath lower in temperature than the one preceding it.

The resulting product of the above described process is a wax flower composed of a crape or other suitable paper base having applied thereto a plurality of superposed coatings of wax which merge into each other and impart rigidity to the flower and cause it to so nearly resemble a natural flower that it is difficult to determine the artificial from the natural. It is of course understood that when these flowers are completed that they may be combined and used for any purpose desired.

The wax used in the manufacture of these flowers is a paraffin wax known to the trade as Gulph wax. These flowers will resist comparatively high temperatures and will not melt at a temperature less than 132° F.

What I claim is:

A process for producing wax flowers and the like which consists in subjecting a flower of crape or other suitable paper to a series of treatments, each consisting in immersing the flower in a melted wax bath; then removing the article and cooling it until the coating is completely dried, each successive bath being of a temperature lower than its predecessor.

In testimony whereof, I affix my signature hereto.

LOUIS D. SINGER.