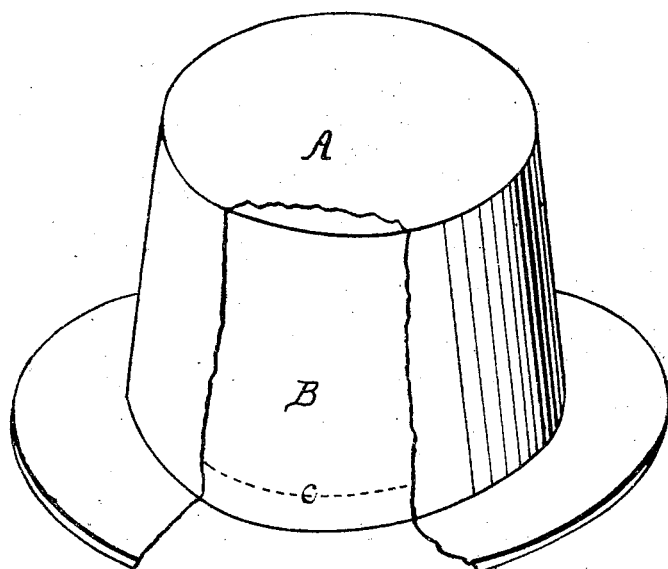


M. Osborne.

Blocking & Stretching Hats.

N^o 4275

Patented Nov. 18, 1845.



UNITED STATES PATENT OFFICE.

MARMADUKE OSBORNE, OF NEW YORK, N. Y.

MODE OF FORMING HAT-BODIES.

Specification of Letters Patent No. 4,275, dated November 18, 1845.

To all whom it may concern:

Be it known that I, MARMADUKE OSBORNE, of the city of New York, in the State of New York, have made a new and useful Improvement in the Process of Manufacturing Hat-Bodies of Various Kinds; and I do hereby declare that the following is a full and exact description thereof.

My improvement is applicable to all kinds of hat bodies which are to be rendered water proof and stiffened by the use of a solution of shellac or of other resinous matter, as is now usually practised, and which are intended to be finished by being covered with silk angora or other similar material. If bodies saturated with such resinous stiffening substance are allowed to become dry upon the block on which they are formed, they adhere to such block in the manner of an article glued thereto, and if allowed to remain thereon until they are nearly dry, they are removed therefrom with difficulty, and are subjected to alteration of form in such removal, as well as in the subsequent perfectly drying thereof. They have then again to be blocked, and put into form by ironing, which consumes much time, and as I verily believe impairs the strength of the fibers of which the body is composed.

My improvement in this process consists in the interposing between the hat body and the block, a material to which the stiffening will not adhere when it becomes dry, but from which it may be easily separated; or by the interposing of a material to which the hat body will adhere permanently so that it may remain within the body, and constitute a part of the trimming thereof.

When the article interposed between the body and the block, is to be such as that the resinous stiffening will not adhere to it, sheet india rubber, or india rubber cloth, will answer the intended purpose perfectly

well. After covering the block with this, the body may be blocked and be allowed to remain until it is perfectly dry; by this procedure it is formed completely without the use of the iron, and when dry, the block and the interposed material may readily be removed. When it is intended that the interposed material shall remain in the hat as a lining, or trimming, it may consist of muslin or other suitable woven fabric to which the resinous compound will adhere; and the body, as before, is to remain on the block until it is so dry as to obviate all danger of a change of form.

In the accompanying drawing A is the hat supposed to be situated on a hat block, a part of the hat is omitted, or shown as cut away, for the purpose of representing the lining B, that is to be placed on the block within the hat, for the purpose and in the manner set forth. The lining may have its edges turned under the block to keep it smooth as represented by the dotted line C.

Having thus fully described the nature of my improvement in the manner of forming hat bodies of wool, fur, or other suitable material, what I claim as new therein and desire to secure by Letters Patent is—

The manner herein set forth of saving the labor of reblocking and of ironing such bodies, by interposing between them and the block, a material to which the resinous stiffening will not adhere, or to which, if it adheres, said material will not adhere to the block; by which device, in either case, the body may be allowed to dry upon the block and may then be removed therefrom in perfect form.

MARMADUKE OSBORNE.

Witnesses:

WM. J. SINCLAIR,

WM. H. ARMSTRONG.