

W. SANDERSON.
Ornamental Composition-Checks.

No. 146,480.

Patented Jan. 13, 1874.

Fig. 1.

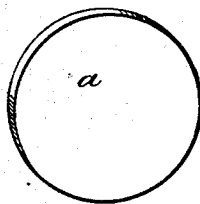


Fig. 2.



Fig. 3.



Fig. 4.



Witnesses:

J. Feltbel.
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By his Atty.
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UNITED STATES PATENT OFFICE.

WILLIAM SANDERSON, OF NEW YORK, N. Y.

IMPROVEMENT IN ORNAMENTAL COMPOSITION CHECKS.

Specification forming part of Letters Patent No. **146,480**, dated January 13, 1874; application filed June 5, 1873.

CASE B.

To all whom it may concern:

Be it known that I, WILLIAM SANDERSON, of New York city, in the State of New York, have invented a certain new and useful Improvement in Composition Checks, Labels, &c.; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings making part of this application.

My invention relates to a new article of manufacture, which I denominate the new "paper-design composition," check, door-number, label, &c.

In another application, filed simultaneously with this, I have fully described a new process by which I am enabled to inseparably unite with the surface of any article molded of composition any sort of design produced on paper in such a manner that the finished article will have the appearance of having the design produced directly on the composition itself, and will be smooth or polished, and extremely durable.

The invention made the subject of this application is the product, in all its various forms, of the process alluded to; and consists in an improved article, adapted for use in the manufacture of checks, door-numbers, labels, sign-plates, knobs, &c., and composed of any suitable composition which can be molded while in a plastic state, and which will be sufficiently hard when finished, having united with it paper, upon which the requisite or desired name, number, or other design has been previously produced by printing, embossing, cutting, or gilding, the paper-design and the composition being united by compression in heated dies, as more fully explained in my application for the process of manufacture.

In the accompanying drawings, I have illustrated simply a check, such as used in restaurants; but it will be understood that my new article of manufacture may be modified in form and design to answer various purposes—such as door-numbers, key-checks, druggists' labels, knobs, &c.—by simply changing the pattern of the mold in which the new article is produced.

In the drawings, Figure 1 is a plan view of a check molded of factitious ivory, or any suitable composition. Fig. 2 is a view of the paper-design which is to form the check, de-

sign, or number. Fig. 3 is a view of one side of the completed check; and Fig. 4 is a section illustrating, on an exaggerated scale, the arrangement of the paper and composition, with an interposed cementing layer of varnish or other suitable material.

a is the composition of which the check is mainly formed; *b*, the paper on which is printed or otherwise produced the design which is to appear on the check. *c* is a thin layer of interposed shellac varnish.

In making the new article, the paper-design *b* is temporarily united to the composition *a* by means of the varnish *c*, and the whole is then put into a heated die, and subjected to compression, whereby the paper-design and the composition are permanently united, and a smooth and finished appearance given to the completed article.

Instead of paper, silk or other material may be used for the die.

The same dies in which the article is molded from the composition will, of course, always answer to perform the subsequent operation of uniting the paper-design.

In heating the dies for this subsequent operation, I have, in practice, simply subjected the dies, before putting in the article for carrying the dies and contents to the press, to the action of highly-heated steam in steam-ovens or closed chambers.

The degree of heat may, of course, be varied, and will be regulated at the discretion of the manufacturers, and as experience may dictate, according to the character of the composition and nature of the paper, silk, &c., being treated.

What I claim is—

As a new article of manufacture, a check or counter composed of a base or body of artificial ivory or other composition capable of being molded in a plastic state, and a paper surface, containing a name, number, or other design, the said elements being united, substantially as shown and described, for the purpose set forth.

In testimony whereof I have hereunto set my hand and seal.

WILLIAM SANDERSON. [L. s.]

In presence of—

J. N. MCINTIRE,
JACOB FELBEL.