

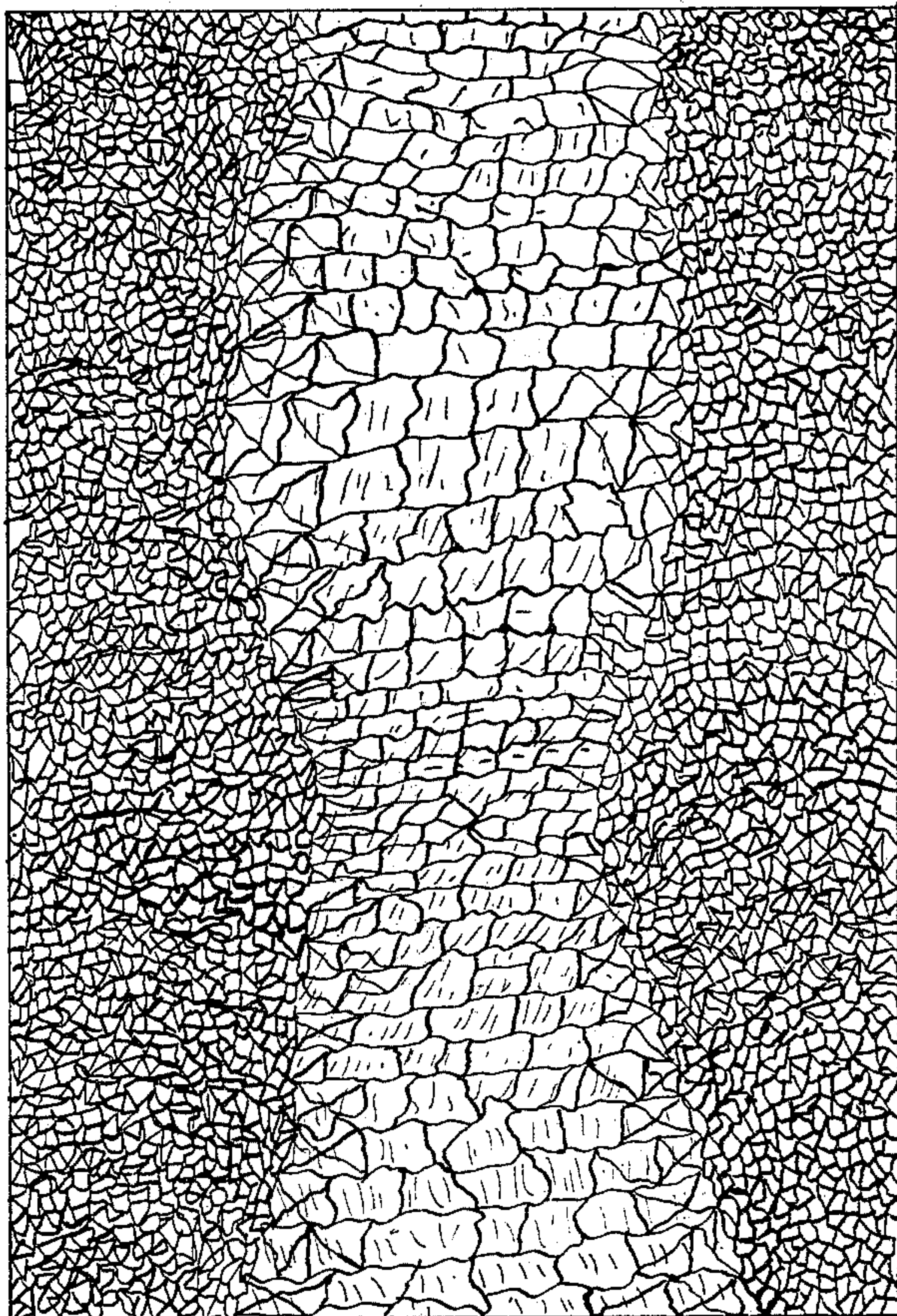
(No Model.)

W. B. GOULD.

SHEET METAL TRUNK COVERING AND METHOD OF ORNAMENTING
THE SAME.

No. 312,715.

Patented Feb. 24, 1885.



Attest:

J. H. Campbell.

Edward S. Kempf

Inventor

William B. Gould,

by Drake & Co. Attys.

UNITED STATES PATENT OFFICE.

WILLIAM B. GOULD, OF NEWARK, NEW JERSEY.

SHEET-METAL TRUNK-COVERING AND METHOD OF ORNAMENTING THE SAME.

SPECIFICATION forming part of Letters Patent No. 312,715, dated February 24, 1885.

Application filed May 12, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. GOULD, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Sheet-Metal Trunk-Coverings and Methods of Ornamenting the Same; 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, reference being had to the accompanying drawing, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a surface-covering for trunks, and for other purposes, resembling in appearance crocodile's or alligator's skin or hide, and yet possessing all the strength and durability of the usual metallic coverings.

The invention consists in the new article of manufacture, and in the process of producing the same, hereinafter set forth, and finally embodied in the clauses of the claims.

Referring to the accompanying drawing, which is intended to illustrate the invention so far as its structure is concerned, *a* is a plate of ordinary sheet-tin of the better quality, having impressions *b*, made to imitate the seams or wrinkles in an alligator's or crocodile's hide, and having the outer surface crystallized, so that the light reflected therefrom produces a mottled appearance, which causes the sheet to more closely resemble the said crocodile's or alligator's hide. This outer surface is covered or coated with a suitable transparent varnish or paint having suitable and appropriate coloring-matter therein. This takes the peculiar metallic luster from the sheet, and gives finally the color of a finished skin or hide.

The process by which I produce the imitation skin or hide above described is to first roll or otherwise impress the sheet-tin with markings or wrinkles resembling those of an

alligator's or crocodile's hide, then submitting said plates to the action of acid, preferably a mixture of hydrochloric and nitric acids, whereby grease is removed from the surface of the plate, and said plate is given the mottled appearance above referred to, caused by the crystallization of the tin, then to cover said mottled and wrinkled surface with a transparent and colored varnish or paint, through which the light reflected from the crystals may shine.

I do not wish to limit myself to the use of any particular color in covering the surface, nor to the design of a crocodile's or alligator's skin, although that is, as far as I am now aware, the most desirable.

The crystallizing process may precede that of stamping or rolling the plate, although the reverse order is more desirable, as the grease or oil from the rolls is apt to interfere with the proper adhesion of the varnish.

Having thus described the invention, what I claim as new is—

1. A metallic sheet having its surface impressed or wrinkled, crystallized, and covered with suitable transparent and colored varnish, substantially as and for the purposes herein set forth and shown, as a new article of manufacture.

2. The process herein described of producing trunk-coverings—to wit, impressing sheet-tin with suitable dies or rolls, and thereby producing a corrugated or wrinkled surface, submitting said sheets to the action of acids to secure a mottled surface, and then covering said surface with a suitable varnish or paint, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of May, 1884.

WM. B. GOULD.

Witnesses:

CHARLES H. PELL,
E. G. KEMPF.