

(No Model.)

S. H. HORGAN.

PRINTING PLATE.

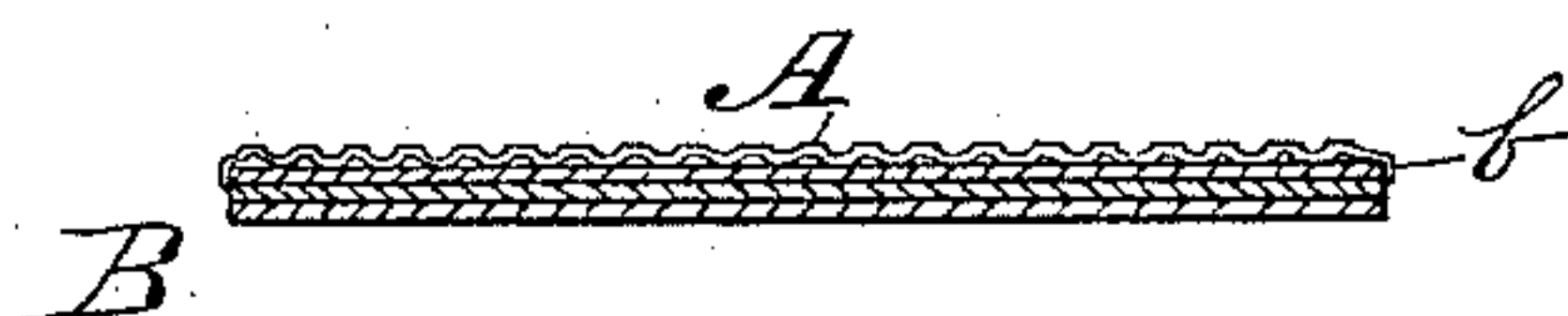
No. 341,332.

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Fig. 1.



Fig. 2.



WITNESSES;

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# UNITED STATES PATENT OFFICE.

STEPHEN H. HORGAN, OF JERSEY CITY, N. J., ASSIGNOR TO THE AMERICAN PRESS ASSOCIATION, OF NEW YORK CITY, CHICAGO, ILL., CINCINNATI, OHIO, BUFFALO, N. Y., AND BOSTON, MASS.

## PRINTING-PLATE.

SPECIFICATION forming part of Letters Patent No. 341,332, dated May 4, 1886.

Application filed November 30, 1885. Serial No. 184,334. (No model.)

*To all whom it may concern:*

Be it known that I, STEPHEN H. HORGAN, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Printing-Plates; 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.

My invention relates to improvements in printing-plates; and it consists in a light or thin printing-plate made of any suitable material provided with a thin backing of wood, composed of sheets of veneer cemented together, as hereinafter described and claimed.

My invention is illustrated in the accompanying drawings, in which Figure 1 is a side edge view of my invention, and Fig. 2 a cross transverse section.

In the drawings, A is a thin light printing-plate, which may be an electrotpe-shell, a thin stereotype-plate, or any thin plate produced by stamping or by any other mode, composed of metal or of celluloid, or similar material.

B is the veneer backing, which, as illustrated, is composed of three thin sheets of veneer cemented together.

The printing-plate A is applied to the backing B by first giving the wooden backing a top coating of suitable glue or cement, and then pressing the plate thereon and turning the edges *b* of the plate over the edge of the backing.

The object of the veneer backing is to furnish to the plate mentioned a stiff and light support, which affords to such plate greater

safety in handling and transporting, and renders it of greater adaptability for certain special purposes of a printing-plate than when the latter is constructed simply as a shell, or when heavily backed by metal or wood, as has heretofore been the practice.

I have shown the veneer backing as composed of three thin sheets of wood; but this number of sheets may be varied and the grain of the different laminae may be made to run crosswise of each other, if desired; and in connection with the veneer a textile fabric might be also employed, if desired; or, in place of the two or more thin sheets of veneer, a single sheet of equivalent strength and thickness may be employed.

It is not necessary in any case to provide the printing-plate with edges or flanges *b*, nor is it necessary to glue or cement the plate to the backing, as the plate may be made of plastic material—such as celluloid—in which case the plate, when plastic, may be pressed onto the backing, and the parts held securely together when such plate becomes hard.

What I claim, and desire to secure by Letters Patent, is—

An electrotpe-shell or other light thin printing-plate provided with a light thin backing composed of two or more thin sheets of veneer, constructed and arranged as herein described.

In testimony whereof I affix my signature in presence of two witnesses.

STEPHEN H. HORGAN.

Witnesses:

JOS. H. BLACKWOOD,  
ANDREW PARKER.