

(No Model.)

M. W. BROWN.

WRITING TABLET.

No. 258,984.

Patented June 6, 1882.

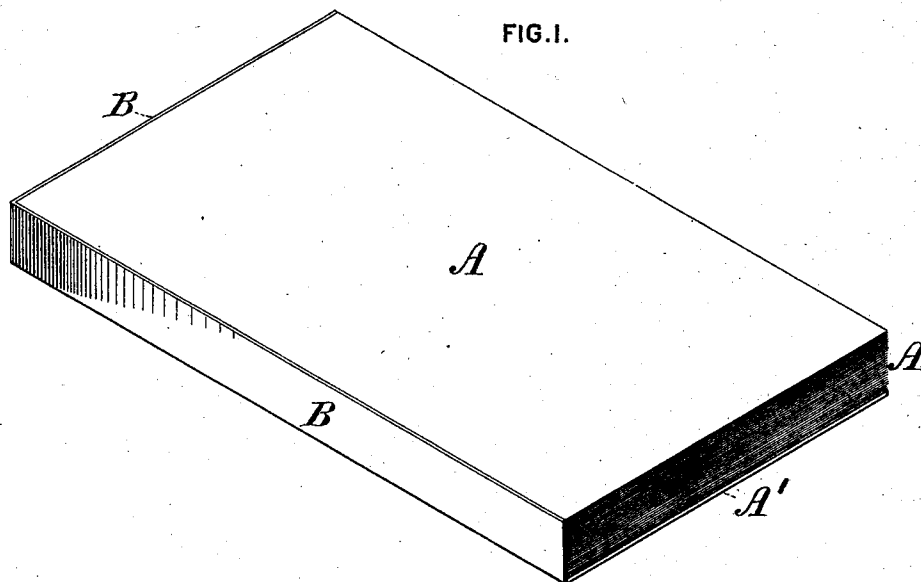
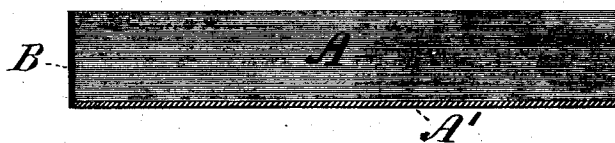


FIG. 2.



WITNESSES:

Geo. B. Volin.
Geo. F. Kelly.

INVENTOR

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attys.

UNITED STATES PATENT OFFICE.

MORGAN W. BROWN, OF BROOKLYN, NEW YORK.

WRITING-TABLET.

SPECIFICATION forming part of Letters Patent No. 258,984, dated June 6, 1882.

Application filed July 2, 1881. (No model.)

To all whom it may concern:

Be it known that I, MORGAN W. BROWN, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in the Manufacture of Paper Pads or Tablets, of which improvements the following is a specification.

My invention consists in the pad or tablet as an improved article of manufacture, and is designed to possess greater strength, durability, and neatness than the ordinary pad or tablet, as also a permanently elastic character, as hereinafter set forth.

In the accompanying drawings, Figure 1 is an isometrical view of a pad embodying my invention, and Fig. 2 a transverse section, on an enlarged scale, through the same.

In the manufacture of pads or tablets as heretofore conducted, so far as my knowledge and information extend, the sheets of paper to be contained in a pad are laid one upon the other (with or without a backing of binders' board) and are united by pasting a strip or strips of paper along and over one or more of their edges. A pad so made is objectionable, for the connecting-strips, if sufficiently thin to admit of the ready separation of the sheets, which is required to render the pad conveniently serviceable, soon become so much worn and broken by use as to insufficiently fulfill their function, and also present a ragged and unsightly appearance.

In the production of my invention sheets of paper in quantity sufficient to form a series of pads are united at a single operation and subsequently separated into the number of pads desired. The sheets of paper A are laid one upon the other to any convenient height, their number being a multiple of the number required for a single pad, and if, as is generally the case, the pads are to be backed, a sheet of binders' board, A', of corresponding form and dimensions is interposed between the last sheet of one pad and the first sheet of the adjacent pad, and a similar sheet of board is placed at the top or bottom of the pile to serve as the backing of the end pad of the series. The entire series of sheets is then clamped tightly together by screws or other suitable mechanism, so that their edges shall present close and practically smooth and unbroken surfaces; and

while under such compression there is applied to one or more of their edges a strip or layer, B, of such material or composition of matter as possesses the qualities of being adherent when liquid and elastic and tenacious when solidified, to a degree sufficient to enable the strip B to retain the sheets in connection securely and admit of their ready separation for use. The uniting strip, layer, or coating B is applied while in a liquid state, preferably by a brush, and in one or more coats, as may be necessary, and upon its solidification the series is removed from the clamps and divided into the required number of separate pads by cutting the strip or strips B longitudinally between the several pads. In the event of the outer surface of the connecting strip or strips presenting any stickiness or tendency to adhesion, the same may be overcome by dusting the surface with powdered solid matter, as rye-flour, or coating it with a suitable varnish or solution, one which is desirable in such case being a mixture of, say, one part alum and one part common salt dissolved in from twelve to fifteen parts of hot water.

As an example of a material which is specially applicable to use in the formation of the connecting strips or layers of the pads, I specify a composition of matter for which I have filed an application for Letters Patent of the United States of even date herewith, the same being compounded of skin-glue, water, glycerine, carbonate of lime, and earth-paint.

I disclaim a pad whose sheets are united by ordinary paste applied at the edges, whether with or without a paper strip thereat, such pad not having the permanently elastic character of mine; but,

I claim as my invention and desire to secure by Letters Patent—

As an improved article of manufacture, a paper pad or tablet composed of a series of sheets or leaves connected upon one or more of their edges by a coating, strip, or layer of permanently elastic material or composition, substantially as set forth.

MORGAN W. BROWN.

Witnesses:

J. SNOWDEN BELL,
GEO. T. KELLY.