

(Model.)

G. EASTMAN.  
PHOTOGRAPHIC PAPER.

No. 253,354.

Patented Feb. 7, 1882.

Fig. 1.

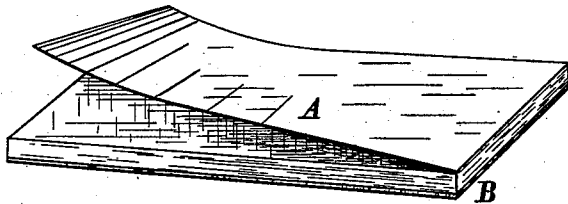


Fig. 2.



Fig. 3.

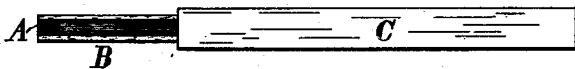


Fig. 5.

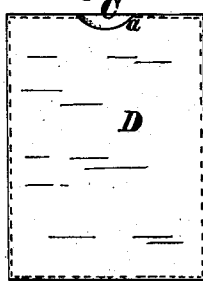
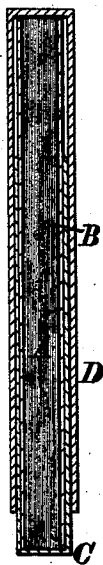


Fig. 4.



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# UNITED STATES PATENT OFFICE.

GEORGE EASTMAN, OF ROCHESTER, NEW YORK.

## PHOTOGRAPHIC PAPER.

SPECIFICATION forming part of Letters Patent No. 253,354, dated February 7, 1882.

Application filed December 19, 1881. (Specimens.)

*To all whom it may concern:*

Be it known that I, GEORGE EASTMAN, of Rochester, Monroe county, New York, have invented an Improvement in Photographic Paper, of which the following is a specification, reference being had to the accompanying drawings.

In the manufacture of sensitized photographic paper it has heretofore been customary to sensitize the paper in large sheets and to deliver these sensitized sheets to customers, either loose or in rolls. In order to adapt these sheets to use in making prints they must be cut into pieces of the proper sizes—a process which necessarily entails more or less waste, while the tendency which the sensitized sheets have to curl inward in consequence of having been rolled, or from being coated on one side only with chemicals, produces much annoyance to the printer in placing the sheets in the printing-frames, and is frequently the cause of blurred or defective prints, on account of want of contact between the paper and the negative.

My invention has for its object the prevention of the waste and the objections before mentioned, and the production of sensitized photographic paper in a form adapted to consumption without waste or loss of time; and it consists in preparing the paper for market in the form of pads or blocks of dimensions corresponding with the sizes of the negatives ordinarily used, the pieces of paper constituting the said pads being attached together at their edges, provided on one or both sides with a backing or stiffening, and inclosed in a suitable light-tight case or wrapper.

In the accompanying drawings, representing my improvement, Figure 1 is a perspective view of my improved pad of sensitive paper without the light-tight case or wrapper. Fig. 2 is an end view of the case. Fig. 3 is a side view, showing the pad and the inner part of the case. Fig. 4 is a longitudinal section through the pad and case. Fig. 5 is an exterior view of the case.

In the accompanying drawings, A represents the pad or block, composed of pieces of sensitized paper; B, the stiffening or backing; C, the inner, and D the outer, portion of the light-tight case.

In preparing photographic paper in accord-

ance with my present improvement I take sensitized sheets in sufficient numbers to make pads or blocks of the desired thickness, and by means of any ordinary paper-cutting machine I cut the pile of sheets into pads or blocks of the proper sizes to correspond with the negatives in ordinary use.

The backing B, which is made of straw-board or other suitable material, and is applied to one or both sides of the pad, may be cut at the same time with the pile of sheets, or it may be applied to the pad after the cutting operation. The pieces constituting the pad are then glued or otherwise cemented together at their margins, preferably on two adjacent edges only, after which the pads are finished and prepared for market by being inclosed in a suitable light-tight wrapper. Pressure may be applied in any convenient way to the pads while the edges are drying, and after this has been done the backing will retain the sheets of paper in the pad in a flat and smooth condition.

In the accompanying drawings I have represented the pad as protected from light by a case made of straw-board or other suitable material, consisting of an inner portion, C, inclosing the pad, and constructed to slide into the open end of the outer part of the case, D; but any suitable wrapping or means of inclosure may be employed. Thus the prepared pad may be wrapped in an envelope of non-actinic paper, either with or without an outer covering of metallic foil.

It is unnecessary to remark that the above operation should be carried on in a suitable non-actinic light.

Photographic paper prepared in accordance with the directions contained herein will be found to possess superior keeping qualities, the access of air to the paper composing the pads being almost entirely prevented. The photographer buys sensitized paper of the exact size that he requires for making prints, thereby saving the time required to cut the large sheets into pieces suitable for his purposes, and the waste necessarily entailed in this operation. The pieces of sensitized paper as removed from the pad are perfectly flat and smooth, and no difficulty is experienced in obtaining contact with the negatives in the printing-frames.

My improvement is applicable to any kind

of sensitized paper, either to what is known in the trade as "permanent silver paper," "ferro-prussiate paper," or "gelatino-bromide paper."

My improved pads may be made of any desired thickness, containing any given number of pieces of sensitized paper.

I hereby disclaim anything shown or described in the patent of Reed, No. 83,548, October 27, 1868.

10 I claim—

As a new article of manufacture, a package

for photographers' use composed of sheets of sensitized photographic paper cut to suitable sizes glued at their margins, provided with a suitable backing, and inclosed in a light-tight case or wrapper, substantially as and for the purposes described. 15

GEORGE EASTMAN.

Witnesses:

H. G. PHILLIPS,  
GEO. B. SELDEN.