

bubbles are found between the films, they may be easily pressed out with the finger when laying the films down together. Place two or three folds of blotting paper over the leather, and press under a weight for half an hour, then gently raise a corner with a knife when they will become separate, and the picture will now be found adhering to the leather with great firmness, and quite as free from liability to scratch as the surface of the leather itself.

This plan is old and well known to many of the older Photos, but to the young hands may be a novelty, and to all of you may be made commercially valuable.

PORCELAIN COLLODION.

We have had a number of letters on the subject of Porcelain Collodion (Collodio Chloride of Silver). Correspondents will understand that it is out of our power to give much information by letter, since all our time would be taken up. We have lately given considerable attention to the matter, and give below a formula that we are assured gives excellent results. It is very easy of application, and very little complicated.

Make the following solutions :—

- I. Plain Collodion—Alcohol, 6 ounces.
Ether, 8 ounces.
Cotton, 96 grains.

Filter or allow to settle.

- II. Alcohol, 1 ounce.

Chloride of Calcium, 48 grains.

- III. Water $\frac{1}{2}$ ounce, Nitrate of Silver 96 grains, dissolve, and add Alcohol $\frac{1}{2}$ an ounce. Possibly it would be better to say—
Water, 2 drams; Nitrate of Silver, 96 grains; Alcohol, 6 drams—the less water the better.

- IV. Water 3 drams, Citric Acid 28 grains, dissolve, and add Alcohol 5 drams.

The above solutions will keep any length of time, and the Collodion, when all compounded, will keep a considerable time.

To prepare, take say—

- Plain Collodion, No. 1..... 4 ounces.
Solution, No. 2..... 2 drams.

Mix, then add 2 drams Solution No. 3, a few drops at a time,

Our Chloride of Gold will tone twice as many pictures per bottle as that usually sold.