

another quantity. Cant the plate so that the collodion will flow first to the upper right and then left-hand corners, then to the lower left, and finally to the pouring-off corner, gently rocking the plate, as the collodion is being turned from it, so that there will not be any parallel lines running towards the corner from which the collodion was poured, said lines being caused by the collodion having commenced to set before the rocking of the plate was properly accomplished. A much finer effect is obtained if the collodion is not immediately poured from the plate back into the bottle, but is allowed to remain thereon for a few seconds until everything like a small bright speck has disappeared. By thus allowing the collodion to thoroughly combine with the white surface of the plate the best results are produced. After draining, dry by gentle heat, then fume *three* minutes. Print very slightly darker than the print is desired to be after finishing.

*Washing the Plate.*—After printing, the plate is very slightly washed under the tap, and then a solution of alcohol and water, equal parts, is poured over it until the print has turned to a beautiful red colour, then wash until the water flows smoothly over the surface.

#### *Toning the Picture.*

Water . . . . . 10 ounces.  
Chloride of Gold (1 grain to the ounce), . 12 drachms.

Make up full twenty minutes before wanted, tone a *pretty warm color*, as the results are much finer than when the deep purple is aimed for.

#### *Fixing Bath.*

Sat. Sol. Hyposulp. Soda . . . . . 1 ounce.  
Water . . . . . 12 ounces.

Fix from *five* to *ten* minutes, and then place the plate in a saturated solution of salt water for about *ten* minutes. Wash in constantly changing water for half an hour, and dry by gentle heat.

Yours fraternally,

CHARLES W. HEARN.

PHILADELPHIA, January 1st, 1875.

#### Price List of Alba Plates.

$\frac{1}{4}$	Size, per Box of one dozen	.....	\$2 25
$\frac{1}{2}$	" " "	.....	3 85
$\frac{3}{4}$	" " "	.....	8 80

Full directions accompany each box.