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Hints to Ferrotypers.

THE NITRATE BATH.

We are constantly in receipt of letters from our country friends asking us to give them directions how to keep their bath in good working order. All information on this subject must necessarily be of a very similar character, and we therefore give the ideas of one eminently qualified to give an opinion.

“The greatest care should be exercised in the preparation of the nitrate bath. We need not remind the old photographer that the bath is the father of good and of evil, and yet as a child never cries unless something ails it, so the bath never refuses to do its work properly unless something ails it. *That something* is generally the result of some imprudence on the part of the operator, and a careful and patient search will generally set matters right.

The ferrotype bath is prepared as follows :

Water.....	1 ounce.
Nitrate of Silver.....	45 grains.

Iodize with iodide of potassium. There are two ways of iodizing the bath. One is, to add the iodide (say four grains to a half gallon of solution) directly to the silver solution, and then after dissolving, filter. The following method, however, we think it better :

Dissolve the iodide, as near as possible, in a small portion, an ounce or so, of the silver solution ; allow it to settle, and then