

"TYPES" AND "GRAPHS".

VARIOUS INGENUOUS DEVICES FOR REPRODUCING PICTURES.

The Leading Methods of What Has Now Become a Very Important Industry—The Secret of Lithography and the Gelatine Process—Photo-Gravure.

The reproduction of pictures by mechanical means has, within the last quarter of a century, become a very important industry. Lithography, long its most considerable branch, has in recent years been effectively supplemented by photography, and other processes which have developed with amazing rapidity.

THE SECRET OF LITHOGRAPHY. Let us take first the stone or lithographic process, as that was the first to be developed. The secret of lithography, you know, lies in the aversion of grease for water.

As the photo-lithography must be printed in a special press and the process is slow and expensive, for much work it is desirable to have "cuts" that can be used in the ordinary printing press.

What has been referred to as stereotypes are made by the "galathea" process. After the picture has been printed from the negative upon the gelatine, it is placed in water, and the parts not acted upon by light are swollen to a slight degree.

In the electrolytic process the picture is printed on gelatine prepared in a little different way. On removing the gelatine from the negative, the picture is plainly seen, every dot and line on the negative having been duplicated upon the gelatine by the action of light.

These processes are rapid and comparatively cheap, but, as the drawings must be all in lines or dots, they cannot be the half-tones found in a photograph and are not useful in the most artistic work.

A finer class of photo-engraving is to be seen in the photo-gravure, made by process that may be called copper-plate printing. It is used extensively and with exquisite effect in France, but this has been put into practice very little in America.

Almost all the fine work in the mechanical reproduction of pictures in this country has been accomplished by the use of gelatine. Hundreds of the works of the old masters have been reproduced here, and each illustration has been immensely helped, not to speak of many minor ways in which good work has been done.

Most prints from gelatine are either halftones, albertypes, or autotypes; slight variations in these give pictures known by other names, such as photoincises and artotypes. In the heliotype process a "skin" or sheet of gelatine is put under the negative in a printing frame. The sunlight passing through the light portions of the negative (the darks of the original) hardens the gelatine beneath, making it more or less impervious to water.

In both the albertype and the autotype process the gelatine film is thinner, and instead of being without a base, when printed under the negative, is attached to a base from the very start of the process.

TREASURERS SALE OF UNSEATED LANDS FOR TAXES FOR 1884 AND 1885

Table listing names and amounts for various townships including Marion Twp., Miles Twp., Burnside Twp., Curtin Twp., Ferguson Twp., Haines Twp., and Howard Twp.

H. K. HICKS & BRO.

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Advertisement for Harper & Kreamer Centre Hall, featuring 'New Arrival of Goods' and 'AT NEW STORE'.

Advertisement for Parker's Hair Balm and Parker's Tonic, describing their benefits for hair and health.

Advertisement for Hindercorns, a remedy for various ailments, and Manly Food.

Advertisement for Furniture, featuring 'Furniture! Furniture!' and 'McCormick Bro.'.

Advertisement for Dr. Selmer's Liver Pills, highlighting its effectiveness for liver issues.

Advertisement for Samaritan, a product for various ailments, with the slogan 'NEVER FAILS'.

Advertisement for Nerve Conqueror, a medicine for nervous system ailments.

Advertisement for H. K. Hicks & Bro. featuring 'Hardware, Oils, Paints, House Furnishing Goods'.

Advertisement for Burdock Blood Bitters, describing it as a 'strictly vegetable preparation'.

Advertisement for Sam Jones' Sermons, offering 'The principal edifying, with history of his life'.

Advertisement for Family Bibles, featuring 'Two Bibles in one volume'.

Advertisement for Agents Wanted for Missouri Steam Washer, including contact information for J.C. Brachbill.

Advertisement for Dr. Lindsey's Life Giving Power, Complexion Beautifier, and Blood Searcher.

Advertisement for Dr. Selmer's Liver Pills, Blood Searcher, and other medicinal products.

Advertisement for The Language of Flowers and Flirting, a book by American Pub. Co.

Advertisement for Iron Stoves, Stoves, Stoves, Stoves, featuring 'H. K. Hicks & Bro.'.

Advertisement for Vast Improvement in Family Bibles, offering 'Two Bibles in one volume'.

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Advertisement for Marble Works, featuring 'H. G. Strohmeier' and 'Monuments, Gravestones'.

Advertisement for J. C. Brachbill, High Street, Bellefonte, Pa., featuring 'Furniture and Bedding'.

Advertisement for J. Zeller & Son, Drugists, featuring 'Drugs, Chemicals, Perfumery'.