

SCIENCE AND PROGRESS.

WHAT IS GAINED BY ORTHOCHROMATIC PHOTOGRAPHY.

The Apparatus for Measuring the Solids—A Novel Invention Produces Drawings and Paintings of an Air Jet.

A novel invention known as the "Air Jet" for producing drawings and paintings from an air jet, instead of using pencil, has been fully described and patented recently in The Scientific American.



FIG. 1.—THE AIR BRUSH.

Means of a jet of compressed air of black lead, in finely pulverized form, is blown through a nozzle, from the point of a needle and made upon the surface of the paper, in broad lines, as required by the operation.



FIG. 2.—THE AIR BRUSH.

It is seen that holding the instrument in the hand, the lines are produced, and can go from line to shadow without any movement from A to B, following the effect would be seen on the line A to C.

Orthochromatic Photography. Orthochromatic photography, which is now an important branch of the art, is many suppose, photography in colors, or photography of colors. It, like the popular Science News, an oil painting in the usual manner all the yellow which to the eye appear light, will be less dark in the photograph, while the blue tones will be nearly white.

Mohammedan Slave Market. It is a well patronized slave market in the sale of slaves brought from the East. Girls bring higher prices than men, and are sold according to height.

After the Bath. We here remark that no bath is perfect unless it is followed by a brisk friction of the hands or a coarse towel afterward.

CHILDREN'S PARTIES IN ENGLAND.

Rompings Games Put to One Side—A Bit of Good Advice.

Children's parties of late years have undergone a great change. Formerly, when young people were assembled together, it was thought sufficient to clear a large room and let them indulge in the old-fashioned games of blind man's buff, postoffice, family coach, hunt the slipper, magic music, musical chairs and such like merry and romping games.

Parties for young people should never be lengthy affairs, as it is impossible to keep them amused and happy for long together, and early hours are most desirable, afternoon parties from 3 till 7 or 4 to 8 being far more sensible than later hours, when the eagerness of expectation tires a child before the fun commences.

Mother and Children.

If you wish your children to be courteous, gentle and refined you must teach them to become so by example. "Precept upon precept" is of no avail otherwise. None see so clearly as children. They detect inconsistency between act and word very readily.

The Hunting Hawks of Persia.

Hawking is still an expensive sport, and affords relatively little in the way of practical results. The breeding and training of hawks is the business of a certain class of men who earn a precarious livelihood in that way.

Obituary Poetry to Order.

There are two or three companies now engaged in getting up memorial cards. You order them, like valentines, by numbers. The poetry is already written, not by great poets, judging from the examples.

Where Bride and Groom Meet.

It is now the fashion for the bridegroom to meet the bride at the altar, whether she is escorted by her father, brother or nearest kinsman.

A PEDDLER'S METHODS.

ONE OF THE FRATERNITY TELLS ALL ABOUT HIS WORK.

Ways That Are Dark and Tricks That Are Vain—A Successful Peddler Must Have Just Enough Self-Confidence.

"Good peddlers, like successful men in the higher walks of life, are born, not made," said the particular member of the fraternity whom a reporter questioned on the subject. He was loaded down with rugs, door mats, feather dusters and other articles until he looked like a perambulating house furnishing store.

MADE A SUCCESS.

"Now, I am a born peddler, and at peddling I have at last made a success, where in all things that I tried before I failed. I went to school until I was 13, and since then—that's twelve years ago—I have been successively a lawyer's clerk, bookkeeper in an importing business, clerk in a dry goods store, driver of a delivery wagon, car driver, elevated railroad guard, waiter and peddler.

"Does a good peddler make much money?" the reporter asked guardedly. "Well, that depends. Now, I average \$30 a week. Some, a few, make more, but the majority make less.

"What characteristics must a good peddler possess?" "Oh, a great many. Self-confidence, or 'cheek,' as it is called, is the most essential. Without it no peddler ever peddled with success.

UP STAIRS AND DOWN.

"Is peddling hard work?" "Trudging up stairs and down with this assortment of goods isn't as much fun as playing poker, but there is more money in it for the average person; and, besides, it's no harder than many other things—selling dry goods, for instance.

He Was Doing Well.

"They were in the parlor, occupying one chair with but a single thought. They had discussed the tariff, the Irish question, the sleighing, the opera, the weather and other important topics till the conversation was about fagged out.

Mixed Up All Around.

Young Enthusiastic Artist (innocently)—I presume, Miss Fitzdoak, you paint? Miss Fitzdoak (indignantly, misapplying his remarks)—Sir! Do you intend to insult—

Men of Short Figures.

A Washington correspondent says: "The number of tall ladies now in society in this city is noteworthy." He says nothing about the number of "short" gentlemen now in Washington society, but it is believed they greatly outnumber the tall ladies.

Delicate.

A tailor in this city stamped upon his bill heads a picture of the forget me not.—Vienna Letter.

Just the Reverse.

Do you dance the lawncers, Dr. Brown? "No, I do not dance the lawncers, but when the dancers' health breaks down I sometimes lawnce the dancers."

QUIET CHUCKLES.

The "drop letter" boxes in England must get pretty well filled up with his.—Boston Bulletin.

Our pocketbook is now in such a feeble condition that it cannot stand a loan.—Orange Observer.

Gallup and Hurry are the partners in a New York firm. They missed it in not entering the six day walking match.—Lowell Courier.

Of course one idea of the Bakers' union is to prevent any unnecessary loafing. This seems strange.—Pittsburg Chronicle.

To get a good grip in society a man should have a claw hammer coat.—New Orleans Picayune.

The telephone girls may fairly boast of being connected with the best people of the city.—by wire.—Boston Transcript.

Hypnotism is all the rage in Europe. A young lady of Madrid was hypnotized so that she ate a raw potato with relish, thinking it was preserved fruit.

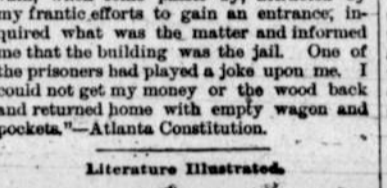
A young lady in Nebraska resigned her position as postmistress a few days ago in order to acquire a husband. It seems that leap year is not a dead letter after all.—Nebraska State Journal.

An anti-chap toilet cream is advertised. It will never become popular. The girls are too fond of the chaps.—Pittsburg Chronicle-Telegraph.

A Prisoner's Little Joke.

"I had a funny experience once," said a young farmer. "When a boy, I confess, I was pretty green. I lived with my father upon a farm near Columbus, and used to haul wood into the city and sell it for him.

Literature Illustrated.



BETTER THAN EVER.

A sharp pain runs through his back. He whoops and jumps up. His neighbor is still smoking. The sparrers are sparring. There is nothing to indicate the cause of his sudden waking except a thin spray of water lazily falling from the cold water faucet.

Honest Indignation.

"I say, Bill," said a hard worked burglar to a genteelly dressed cut throat, "did you hear the latest?"

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SWEATING IT OUT.

GETTING RID OF ALCOHOL IN A TURKISH BATHROOM.

A Young Inebriate's Initiation Into the Mysteries of the "Hot Room"—In the Land of Dreams—A Sudden Waking—Rejuvenated.

A little office under a sidewalk; a passing view of a room filled with narrow canvas cots; a few yellow gas flames, behind a desk a young man whose cakedness is emphasized by an equator of crash towel; in front of the desk an inebriate with pale, blinking eyes and unsteady hands.

The future has no terrors for any man who has encountered the torridity of a hot room in a Turkish bath house for men. You could fry eggs on the floor. It is hotter than dog days in the lower regions. It would make a salamander quit in five minutes.

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A Wise Inspiration.

Jeweler to young man exchanging a ring for cuff buttons—Didn't the young lady like the ring, sir? Young man mournfully—She didn't have a chance. It struck me that a \$10 ring was too expensive for a mere sister-to-you sort of a girl.—The T. Post.