At "The Hub."

I have heard The Ruvel Home's Editor say he did not like Boston particularly, yet for me the quaint, crooked, breezy old city has a certain charm. Even in chill November, with piercing winds to cut one's breath, and keenness in the air that suggests a Texas "Norther," I find some pleasure here. There are always the book-stores, a comfortable retreat and the men who make books have hospitable hearts. Blessed be the the printers! say I, and that means a wide benediction. There are so many of them, and they bless us in so many ways. Not through books only. He who gives us a printed page, with the richness of thought in it, is beneficent truly, but he who produces a beautiful picture is almost as much a benefactor. The printer's art has widened immensely, since its inception, until it comprehends far more than Guttenburg could have ever dreamed.

I fell to musing over this yesterday, before the Heliotype Art-Gallerywindows of James R. Osgood & . Co. and being curious to know more of the new and wonderful process by which the finest engravings can be propuced at little cost, I sought admission to the establishment where that process is carried on. It is in close connection with the new publishing house of Messrs, Osgood & Co. with which it is closely identified. Strangers are not ordinarily admitted, for obvious reasons. Whoever enters will be surprised by the extent of the operations, and the variety of production, scarce less than by what is produced, and she heliotype process itself."

This is, in short, but the application of photographic principles to the art of printing: It is both a chemical and a mechanical process, and is as some one has tersely declared, photography in the printing press. A heliotype is both a photograph and a printed page, but it is produced on a press, much as is any print. Everybody knows that to .obtain a photograph a "negative" is necessary. From this "negative," any number of "positives," may be printed, by the agency of the sun. For the heliotype a "negative" is also necessary, but from this one any number of "positives" or photographs may be printed on a press.

The one "positive" is obtained very simply, and yet very ingeniously. Melted gelatine, chemically treated, is poured upon a drying plate carefully leveled, and the thin sheet thus obtained is allowed to cool. When properly cooled the "negative" is laid upon it, and through that the light prints whatever the "negative' contains. The chemical treatment of the gelatine is such that it becomes very sensitive to light, and wherever light reaches it the thin sheet grows tough and leathery, in which condition it is waterproof. Through the dark shades on the "negative" light will not penetrate, and underneath these the gelatine is still soft, and an absorbent of water. Printer's ink, being oily, will not mix with water, and when put on the gelatine by a "roller," it does not adhere to those portions of the picture which should be light, and does adhere to those which should be dark. There is the secret, and how simple, in the face thereof, the heliotype process be-

One would suppose this thin gelatine plate, so yielding and apparently frail, would not stand the pressure of a printing press, but it does, and thousands of impressions may be taken from it, when once it is securely affixed to a metallic base. This is done under water, by exhaustion of the air between the metal and the

the air between the metal and the sheet, and by atmospheric pressure.

It will be seen that anything which can be successfully photographed, can be reproduced as a heliographed, can be reproduced as a heliographed, can be reproduced as a heliographed, as such it will not fade, and must remain a perfect, enduring must remain a perfect, enduring

i.nage of the original. In many respects it will revolutionize the printer's art; in manifold ways it will supplement and beautify it. By its aid fine book illustrations are secured at moderate cost, and the rarest engravings can be duplicated at such price as to be afforded by all.-A. DRIFT, in Rural Home.

A Cute Boy.

There is a message boy in New York who will probably not have very much trouble in holding his own in this world. Sent by his employers for some money at the bank, he was counting the money when a bystander said, "You've dropped a bill." Recollecting the game, instead of stooping down he put his foot on the bill and continued counting. When through he picked up the bill and was walking off, when the bystander remarked, "I guess I was mistaken, I must have dropped the bill myself." 'I'll keep it to remember you by," said the boy as he went away.

Consumption Cured.

An old physician' retired from-practice baving had placed in his hands by an East India missionary the formula of a simple vegetable remedy, for the speedy and permanent cure for consumption, bronchitis, catarri, asthma, and all throat and lung affections, also a positive and radical cure for nervous debility and all nervous com plaints, after having tested its wenderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by this motive, and a desire to relieve human suffering, I will send, free of charge, to all who desire it, this recipe, with full directions for preparing and using, in German, French, or English. Sent by mail by addressing with stamp, naming this paper, W. W. Sherar, 149 Power's Block, Rochester, N. Y.

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