

AHEAD OF THE PROCESSION

Facts Concerning the Mechanical Department of The Bee.

IT IS COMPLETE IN ALL OF ITS DETAILS

History of the Paper Furnishes the Key to the Typographical Inventions of the Press.

Among the myriad inventions of the past quarter of a century those which relate to the mechanical department of a great newspaper occupy a conspicuous place. For nearly four centuries and a half the art of printing has been in constant course of development...

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It was with such appliances that the first copies of The Bee were issued. They were printed on an old Cincinnati hand cylinder press, which had been purchased by Redfield Bros. some years before for \$1,300.

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not the slightest jar is perceptible. In this respect the arrangement of The Bee differs from that of other large dailies. The press room is usually located in the basement, and the space occupied is 20x75 feet, which is divided into two compartments. The presses occupy one, while the other is used as a mailing room.

To describe the intricate mechanism of the perfecting press now requires several volumes. The blank paper is hung in burlap rolls at one end and completely printed and folded papers come out at the other end more rapidly than the observer can count.

OPERATION OF THE MERGENTHALER. While the action of the linotype when understood is simplicity itself, it is a veritable marvel of invention. The assembling of the matrices in the setting of the molis and the redistribution of the matrices after each line is set each involve the most wonderful contrivances and the rapid and perfect is the result that the observer can scarcely believe that its operation is purely mechanical.

Two huge drums, one high pressure for pulp rags and one low pressure for rags, are connected with the rollers by a seven-inch pipe. These are equipped with a Dexter automatic pressure regulator, by which any amount of pressure can be applied, and can be utilized for heating purposes.

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OLD-TIME JOURNALISTIC PUSH

Newspaper Enterprises of Today Equalled, Comparatively Speaking.

NEWS SCHOONERS AND-PONY EXPRESSES

Great Rivalry Among the Publishers and Wonderful Scissors Attempted Under Adverse Conditions.

A gossip writer on the Philadelphia Times recalls the enterprise boasted by the newspapers of a half-century ago. Few newspaper men, he asserts, are acquainted with the amazing news enterprise of the penny press of fifty years back.

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by the other regular line. They reached New York about 6 o'clock the next morning and the extras were immediately sold to the newsboys. Meanwhile the Sun expressed had made special time from city to city, and there was great commotion in the Sun office. All was bright and watchful, but quiet at the Herald establishment.

GETTING NEWS FROM EUROPE. It was the successful efforts of the Herald to obtain foreign news ahead of its rival at no matter what cost that gave it the pre-eminent position in American journalism which it so long held.

It is not necessary, says the Times writer, to go back to the time when the editor of the Boston News-Letter in 1703 publicly regretted the fact that he was "thirteen months behind in giving the news from Europe," but one can properly refer to the time, surprising as it may be, when the North American was spoken of "as the most splendidly managed newspaper in Philadelphia," and was actively engaged in the spirited race for news that preceded the construction of an ocean cable, and so operated with the great New York journals in the East.

STORY OF A GREAT SCOOP. The smaller penny press of that day was not one whit behind their larger contemporaries in the matter of news. They were among this class of journals, and it did not hesitate to endeavor to rival the boastful Herald in the acquisition of foreign news.

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SUPERIOR COPPER-MIXED. We offer the best people in the world, that is, our customers, the best Type on the market. SUPERIOR COPPER-MIXED. TYPES. FOR SALE BY GREAT WESTERN TYPE FOUNDRY. 1114 HOWARD STREET, OMAHA, NEBRASKA.

Metz Brothers BREWING CO. Lager Beer. "THE OLD RELIABLE." Established 1865. Omaha, Nebraska.

THE PALACE OFFICE BUILDING OF OMAHA. THE BEE BUILDING.

The Equitable Life Assurance Society OF THE U. S. Assets \$201,009,397.94. J. W. CRAIG, General Agent, 602-3 Bee Building. E. W. SIMERAL, Attorney at Law, Room 352, Bee Bldg. A. R. CUYLER & CO., Dental Supplies. State Mutual Life Assurance Co OF WORCESTER, MASS. PACIFIC MUTUAL Life and Accident Insurance Co OF SAN FRANCISCO, CAL. A. V. TODD, General Agent, Room 607, Bee Building. Alpha Camp No. 1 Woodmen of the World. C. E. ALLEN, Clerk, Room 450, Bee Bldg. Bee Building Barber Shop. FRED. BUELOW, Prop. Ground Floor Opp. Elevators. The Combined Mortality and Expense Rate of The Provident Life and Trust Co OF PHILADELPHIA is lower than that of Any Other Company. A. M. LANSING, Gen'l Agent. Room 340 - BEE BUILDING - OMAHA. WEBSTER, HOWARD & CO., FIRE, CYCLONE, PLATE GLASS, ACCIDENT AND EMPLOYER'S LIABILITY. INSURANCE. Rooms 406-408 Bee Bldg, Omaha. Fidelity Trust Company, BONDS, MORTGAGE LOANS, Real Estate Investments. BEE BUILDING, OMAHA.

PRESS ROOM OF THE BEE.

The present press room of The Bee is located at the left of the court from the entrance, but as perfectly in the machinery as when the two existing presses are running at their full capacity.

Albright's Aquatic Natural Mineral Water. Purest on Earth. Celebrated Lemon Sour, Ginger Ale, Cherry Phosphate. W. G. ALBRIGHT CO., N. E. Cor. 14th and Jackson Sts., OMAHA.

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