ur Improved Printing a. at' 'nery. The engravings which accompacy is sketch present the outlines of the

ew and improved printing machinery sich has recently been placed in the cess room of The Bee. Before we enter upon the discription of these machines, a brief history of THE BEE, through its various stages and growth, will be both interesting and instructive.

On Monday June 19th, 1871 THE BEE made its advent in the streets of Omaha. The founder Mr. Edward Rosewater, launched his enterprise without a dollar invested in printing material without a prospectus, and with no design to establish a permanent news paper. A two page sheet measuring 12x18 inches, the first number of The Bee had the appearance of a play bill, and was in fact used as a programme in the Academy or Music during the first week of its existence.

(the end of the first two weeks the et was slightly enlarged and transmed into a four page paper 14x20.

Up to that time the circulation varying from 300 to 800 daily was distributed in our business houses free of charge. On July 27th, 71, the paper was enlarged to an 18x34 sheet and delivered to subscribers in the city for 121 cents per week, or mailed at 85 per annum. On August 28th, '71, the paper was again enlarged to 6 columns, 4 pages 20x28 and the subscription price raised to 15 cents per week and \$8 per annum.

Since then enlargements were made in the daily on May 6th, 1872, to 7 columns, 23x33; July 22d, 1872, to 8 columns, 24x36; on March 7th, 1874, to 9 columns, 27x41, and again on May 14th, 1881, to 28x42.

During the first two months the type work and printing of THE BEE was done under contract by Redfield Brothers, job printers, corner 12th and Douglas streets. About the middle of September, 1871, an outfit of types, cases, imposing stones, &c., valued at \$1200, was purchased and placed in Redfield Brothers building,

In the spring of 1872 the proprietor of THE BEE bought out the German printing office of the Beobachter Am fissouri, with about \$1,500 worth of types and printing materials, and also purchased a full supply of types and materials for the Bohemian paper which he founded during the previous year. A large frame building known as the Cedar Rapids House adjoining Redfield & Brothers building, was rented, fitted up and occupied by THE BEE and these foreign publi-

On the 11th of June, 1872, the building was set on fire and the whole establishment destroyed by an incendiary, who was subsequently arrested and convicted. Undaunted by this calamity, THE BEE WAS kent un on a half sheet, never losing a single issue, intil the destroyed materials wer again replaced.

In July, 1872, the new outfit of printing material, together with its first printing press and steam engine were placed in the brick building on Farnham street, which has ever since been occupied by THE BEE.

It is foreign to our purpose in writing this article to dwell at length upon the causes that have led to the marvellous growth of The Bee, no: have we space to recite the various enterprises which this paper has set on oot, and the reforms it has successfully championed during the past ten years. While pointing with just pride upon the achievements of the past, the most striking proof of the prosperity and widespread influence of The Ber is exhibited in the fast presses and improved printing machinery which it has been compelled to purchase in order to supply the demand of its constantly increasing patronage.

During the first year of its exist-

ence The Bee was printed by Redfield Brothers, upon a Cincinnati drum cylinder press, propelled by the hand power of a broad-shouldered American citizen of African descent. The speed of this press varied from 400 to 600 impressions, or from 200 to 300 complete papers per hour. After the fire in June, 1872, The Ber was printed on its own cylinder press, which was also a Cincinnati cylinder with steam attachment. This press was propelled by a six-horse power Baxter engine, and was capable of turning out from 800 to 1,000 impressions per hour. This speed was, however, somewhat risky because this class of presses are built very light and liable to go to pieces from jarring when put to their utmost speed.

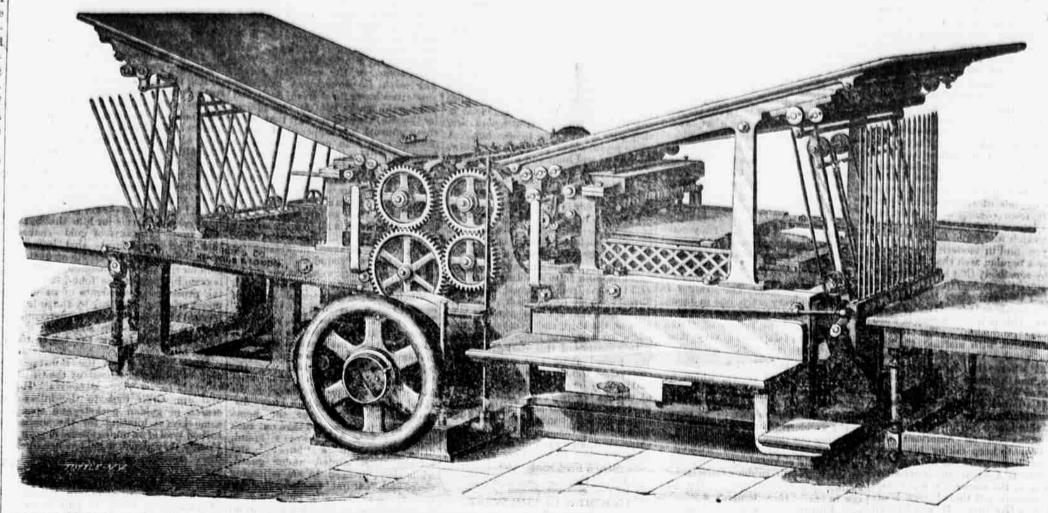
When the circulation of the daily

When the circulation of the daily reached 1,200, in 1873, it became manifest that this light cylinder would not meet the demand. An exchange was therefore effected with the makers of that press, for a small cylinder Hoe press which they had purchased in trade and which, in those days, was not in general demand. This was the first Hoe press ever brought to Nebraska, and for a period of seven years it did excellent service, the only draw-

THE BEE'S NEW MACHINERY.

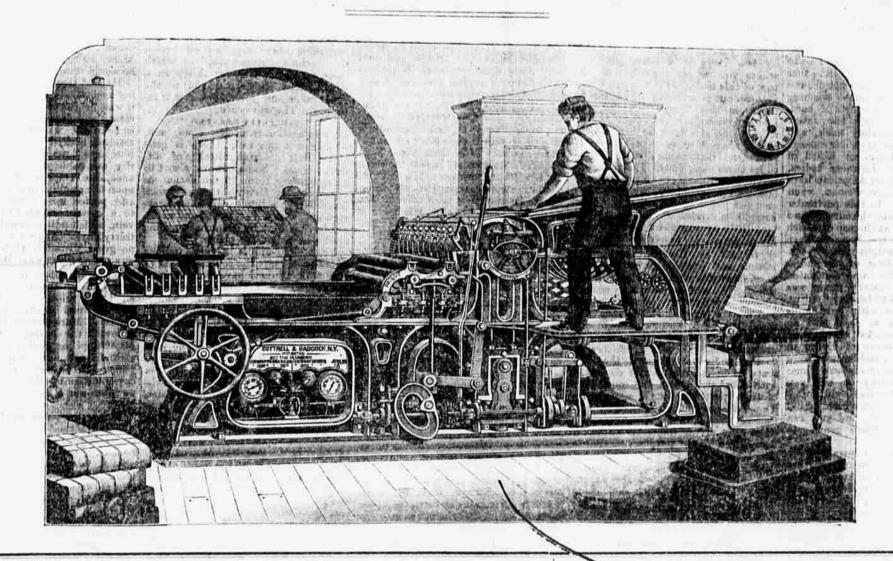
HOE'S PATENT IMPROVED DOUBLE-CYLINDER PRESS.

Capacity: Four Thousand Papers Per Hour.



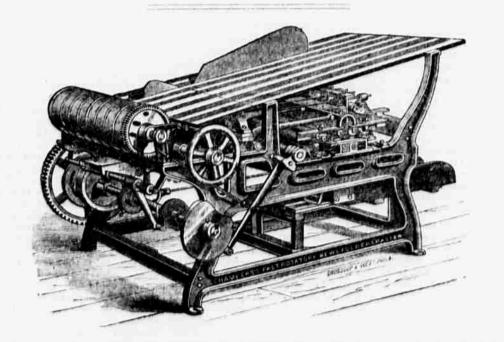
COTTRELL & BABCOCK'S TWO-REVOLUTION, AIR SPRING, PRESS.

Capacity: Two Thousand Papers Per Hour.



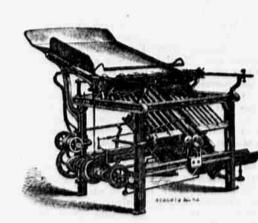
Chambers' Patent Folding, Trimming and Pasting Machine.

Capacity: Seventy-Five Per Minute.



Forsyth's Folding Machine.

Capacity: 60 Per Minute.



made ready for delivery or mailing in one hour. Taking an average of ten hours per day, including incidental delays, and we could print, fold and

deliver 40,000 papers in one day.

As yet, The Bee is the only paper in Nebraska, and for that matter in Iowa, Nebraska and Kansas, that uses machinery for folding its circulation. That such machinery has become in-dispensible is evidenced by the following exhibit of the marvellous growth of this paper:

1	100	CIRCULATION OF DAILY HEE.	
1	1874-	September 4th	. 2,736
ı		December 8th	2,832
u	1875	January 3rd	2,808
ı	111	June 3rd	2.928
9	1876	-March 2d	3,048
1		Angust 4th.	2.544
Η	1877	July 20th. December 30th.	2,520
1	11	December 30th	2,856
1	1878	Petruary 221,	2.719
1		November 7th	2,664
1	1879	January 20th	2.6340
4		September 11th	2.448
1	1880	March 20th	2.808
1	**	Preceinmer out a contract	
1	1881	January 3rd	. 3,912
1	195	IRCULATION OF THE WEEKLY B	March 1
-1		THE CLEAR STATE OF THE STREET, A ST	K. Hi.
ł	1874	October 9th	1.512
ļ	1 19	October 9th	1,512
	1874	December 7th	1,512 2,064
	1875	October 9th December 7th January 7th December 12th	1,512 2,064 2,064 3,432
	1 19	October 9th December 7th January 7th December 12th January 2d	1,512 2,064 2,064 3,432
	1875 1876	October 9th December 7th January 7th December 12th January 2d	1,512 2,064 2,064 3,432
	1875	October 9th December 7th January 7th December 12th January 2d November 13th January 4th	. 1,512 . 2,064 . 2,064 . 3,432 . 3,504 . 2,928 2,784
	1875 1876 1877	October 9th December 7th January 7th December 12th January 2d November 13th January 4th December 14th	. 1,512 . 2,064 . 2,064 . 3,432 . 3,504 . 2,928 . 2,784 . 2,784
	1875 1876	October 9th December 7th January 7th December 12th January 2d November 13th January 4th Desember 14th January 11th	.1,512 .2,064 .2,064 .3,432 .3,504 .2,928 .2,784 .2,784
	1875 1876 1877 1878	October 9th December 7th January 7th December 12th January 2d November 13th January 4th Descenber 14th January 11th November 15th	1,512 .2,064 .2,064 .3,432 .3,504 .2,928 .2,784 .2,784 .2,784 .2,784
	1875 1876 1877	October 9th December 7th January 7th December 12th January 2d November 13th January 4th December 14th January 11th November 15th January 4th	1,512 2,064 2,064 3,432 3,504 2,928 2,784 2,784 2,808 2,808
	1875 1876 1877 1878 1879	October 9th December 7th January 7th December 12th January 2d November 13th January 4th December 14th January 11th November 15th January 2th January 2th December 5th	1,512 2,064 2,064 3,432 3,504 2,928 2,784 2,784 2,808 2,808 4,090
	1875 1876 1877 1878	October 9th December 7th January 7th December 12th January 2d November 13th January 4th December 14th January 11th November 15th January 2tth December 5th January 2tth December 5th January 6th	1,512 2,064 2,064 3,432 3,504 2,928 2,784 2,784 2,808 2,808 4,080 4,390
	1875 1876 1877 1878 1879 1880	October 9th December 7th January 7th December 12th January 2d November 13th January 4th December 14th January 1th November 15th January 2th January 2th January 2th December 5th January 6th December 10th	1,512 .2,064 .2,064 .3,432 .3,504 .2,928 .2,784 .2,784 .2,784 .2,808 .4,080 .4,320 .1,040
	1875 1876 1877 1878 1879	October 9th December 7th January 7th December 12th January 2d November 13th January 4th December 14th January 11th November 15th January 2th January 2th December 5th	1,512 .2,064 .2,064 .3,432 .3,504 .2,928 .2,784 .2,784 .2,784 .2,808 .4,080 .4,320 .1,040

A DESPERATE STRUGGLE. Encounter of a Union Soldier with

a Confederate.

"Halt! Who goes there?" shouted a long, lank confederate soldier, sitting upon a sorrel horse, toying with a double-barreled shotgun, the favorite weapon of the western bushwhacker in the early war time. He was the picket guarding the camp of Dick Me-Cann, one of the most daring of the confederate cavalry. The bivouac rested in the security of his vigilance in a piece of woods a mile or so to the left of the turnpike leading from Gal-latin to Nashville, Tenn. The picket stood where the country road which led past McCann's camp made its junction with the turnpike. He evidently challenged the cavalry approaching from the direction of Gallatin as a matter of form, for as the officer anproached him in response to his command, "Advance and give the counter-sign," his shotgun lay upon his lap, across the pommel of his saddle, while he was paying more attention to his comrade, who was coming up the wagon road with two chickens in one hand, the plunder of an unofficial forage, and an unruly horse in the other, than he did in the officer responding to his challenge. The Federal soldier got within a few feet of him before he seemed to recognize the possibility of an enemy being nearer than Nashville. The dress first attracted his attention. for he saw that it was not that of a Confederate, and hurriedly bringing his shotgun to bear upon the officer, he commanded: To the Fourth Michigan cavalry,

replied the officer.

Covering the officur with his shotgun as he passed around to surrender himself, the Confederate again com-manded, "Give me your arms!" The officer, who wore a heavy over-

coat with a long cape, dropped the reins upon his horse's neck, pushed his hand under his overcoat to unbuckle his sabre and comply with the demand.

The Federal soldier's horse being thus left at liberty crowded against the Confederate, and, believing his game was already in hand, he laid his shotgun down across his saddle to receive the arms of his captive. Hardly had he done this befere the Federal soldier saw his opportunity, and, throwing his left hand quickly under the cover of his cape, struck the muzzle of his shot gun and knocked it to the ground and with the same movement caught the Confederate by his long, flowing hair pulled his head upon his breast, whipped his revolver from its pouch, placed it against his body and fired. The hammer of the revolver caught in the fold of the long cape which hung from the Confederate's shoulders and did not explode. He drew it back, raised the hammer again, and made another attempt to secure the confederate. This time it got between his body and arm, and although it did not miss fire, the confederate was uninjured and in the tussle escaped. All this was the work of a minute, for the officerhad shouted to his command, "Forward" the moment he had grappled with one of McCann's private soldiers. But by the time it arrived the soldier was going down the road at break-neck speed, while his comrade with the two chicken's for the morning's breakfast had mounted his horse and was following him hurriedly. The little command passed on to Nashville as rapidly as possible, without stopping to do more than to pick up the soldier's shotgun to send home as a souvenir of the escapade.

A Novel Shipment of Carp.

Last Saturday the Pacific mail steamer Colon took out 30 carp for Ecuador, in charge of Mr. Aguirre. They were sent by Prof. Baird, through Mr. Blackford, of the New-York Fish Commission, and as after their arrival in Ecuador they will have braka, and for a period of seven years tid excellent service, the only draw-back being its tendency to crush type and the extraordinary were upon the presentation of the present state of the presentation of