### THE BEE: OMAHA, WEDNESDAY, JULY 5, 1911.

# **BRANDEIS STORES** Big Boston Shoe Purchase Goes on Sale Wednesday July in Brandeis Bargain Basement

A big eastern manufacturer had a lot of shoes for women and children that he was willing to sacrifice before taking an invoice. We will put them on sale Wednesday morning and you can secure some splendid summer footwear AT ABOUT ONE-HALF PRICE.

#### WOMEN'S OXFORDS AND PUMPS

Patent kid, vici kid, tan and blacks. Many of these In tan and black; odds and ends in small sizes and narrow widths: Worth up to \$3.50 a pair - on and Oxfords here worth from \$2.50 to \$4.00 \$1.39 a pair, at.....

## Misses' and Children's

12

**Pumps** and Oxfords velvet, patent leather and tan kid; clean, perfect, serviceable shoes, worth up to \$1.75, 98c

#### Men's and Boys' Canvas Oxfords Made of toughest kind of canvas;

selected leather soles; tan color only-all sizes up to ...98c nine, at ..............

#### Men's Oxfords

Just a small lot of small sizes and narrow widths - splendid shoes specially priced at, per .50c 

PRINTING TELEGRAPH HALTS

Progress in That Branch of Science

Seemingly at a Standstill.

MANY DIFFICULTIES IN THE WAY

iome Developments in Automatic and

Multiplex System-Reveiw of

New and All Old Methods in

#### sale at, your choice. Women's House Slippers Women's Juliet House The light, cool, comfortable kind Slippers

that you usually pay \$1.50 for. All sizes up to eight, common sense or opera styles, 

#### Girls' Pumps, Oxfords and Six-strap Slippers

A big lot of fine oxfords and slippers, in sizes up to 2; an excel-

Men's Embroidered

House Slippers

**BRANDEIS STORES--Basement** 

See Brandeis Stores Big Clearance Sale Ad on Page 5.

## \$1.25-all sizes up to 8..... 59c Men's Oxfords

WOMEN'S OXFORDS

In tan and black. All sizes in one Very cool and comfortable. style or another; worth \$2.50 to \$5 Worth 60c a pair; mostly large sizes, pr. 45c a pair. As they are odds \$1.50 and ends they go at, pr....

A popular style of summer shoe;

patent tips,/rubber heels, flexible

soles; usually sold at \$1.50 98c and \$1.75 pr., all sizes...

Infants' and Children's

Oxfords

In tan kid; fine little shoes, hand

turned soles, smooth insoles-

made to retail at \$1 and



And now comes things of such importance that they cannot help interesting you as they are interesting us.

## **Clearance Sales In Every Department** of the Store

There is A SALE OF A SPECIAL PURCHASE OF MEN'S SHIRTS which came from the Columbia people-shirts of madras, percales and chambrays in all of the newest patterns and colorings of the season, priced like this: \$2.00 values at \$1.15; \$1.50 values at 89c, and \$1.00 values at 69c.

And the men's clothing store has cool suits for hot men and at Httle prices-\$18.00 to \$25.00 values for \$11.75.

Then the women's shoe department has some very special thingsand so throughout the entire store we find that the interest is fairly vital to your welfare.

As a foot note, it might be suggested that the cool of the morning is really the best time to shop. But come any time that is convenient for here you will find

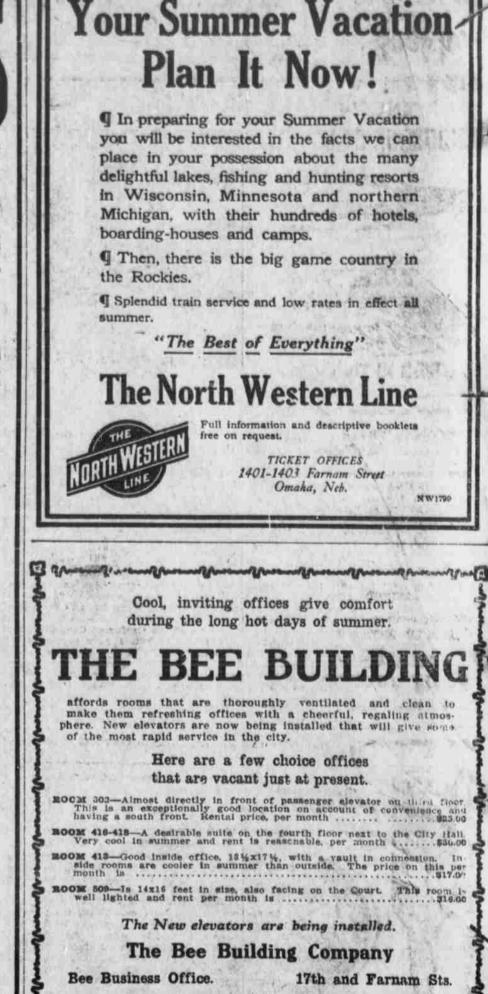


#### Women's Silk Dresses Women's Tailored Suits at \$7.75 at \$10.00

In the assortment you will find Made of fine serges, in tan, white, nets, striped taffets and white and grey shades and grey figured foulard dress-es, in this senson's best styles. Kimpha sleeves prodominate, some are cut low at the neck and others figured foulard dressthe neck and others have lace | self-colored braid trimmings. Not yokes and high necks. They were a suit worth less than \$25.00 and formerly priced \$20,00 and \$25.00. from that up to \$35.00. Choice, Sale price, \$7.75. Wednesday at \$10.00.



are worth a great deal more than their July Clearance price of .....



A long and interesting paper on "Prac-

Use in Europe. ical Aspects of Printing Telegraphy." by station then served to operate an auto- Manchester. Before this an experimental ical Aspects of Printing Telegraphy. By station then served to operate an auto-dr. Donald Murray, read before the British natic typewriter somewhat on the prin-netitution of Electrical Engineers, dealt enerally with the field for printing telegr-aphy: with the practical difficulties in the was worked duplex, giving one trans-mission in each direction simultaneously for about six months between London and Birmingham. The results were surprisingly good. The sending operators were the he way of printing telegraphy; and with on the one wire. The received messages good. The sending operators were two one printing telegraph apparatus designed were printed in Roman type to appare form one printing telegraph apparatus densities were printed in the print of about 300 words a writer keyboards and yet within one month they were each punching from forty to minute (twenty letters a second). This system showed to advantage only forty-five messages an hour. After about three months' practice each of these two ras concerned, the author said that the This system showed to advantage the three months practice each to messages office equipment was greater than with in one hour. Excluding several days when lughes tape printer carried the bulk of the elegraph traffic on the continent of Euthe Murray multiplex, there was less sav- there were interruptions and breakdowns ope, and it had done so for nearly half ing of labor than with the multiplex, and due to imperfections in the experimental century, about 3,000 Hughes instruments there might be loss of time if the work-ing arrangements were not good. This was when traffic was light, the average numeing now in use. Most of the telegraph raffic between Great Britain and the conespecially the case if the system was ber of messages on the one channel or inent was also carried by the Hughes ut this machine was employed outside of worked at a high speed in order to carry transmission of the multiplex was over turope only to a very alight extent. Durheavy traffic. The working organization eighty an hour. On several days during in this case must be first-class, or there busy hours the average exceeded 100 mesog the last thirty years the Baudot system which might be described as a multiplied would be a great reduction in the carrying sages an hour. On one day, for instance, lughes fape printer, had been developed capacity of the system. On long lines, during three consecutive hours from 10 a. and extended in France until all the tele-1,000 miles and over, the saving of time m. to 1 p. m., the numbers were 194, 126 raph lines of any importance were and labor were of much less importance and 102 messages an hour.-Boston Tranquipped with it. During recent years it than increase in the carrying capacity of script. ias also made considerable progress in taly, Brazil, India and Russia. In Russia the line, provided always that telegraph traffic was growing rapidly so as to render t was extensively used. YO HO AND A BOTTLE OF RUM increase of carrying capacity important. Great Britain had, so far, only coquetted The relative advantages and disadvanwith printing telegraphy, more or less pro-Piratical Voice in a Battery Tree tages of automatic and multiplex printing onged flirtations having been carried on telegraphs appeared to be obvious, and y the British postoffice with the Hughes Shocks a New York were now tolerably familiar to telegraph nd Baudot, the Buckingham, the Murray utomatic, the Siemens and Haiske, and engineers. The idea of combining the advantages of the automatic and multiplex everal other systems. The latest arrival, Sixteen men on a dead man's chest, Yo, ho, ho, and a bottle of rum. systems led to the development of the he Murray multiplex, might be described Murray multiplex printing telegraph. It s the child of the British postoffice, it And then Patro'man Joseph Mury stopped was only about a year since this system saving been developed with the assistshort, cocked his head sideways and lishad passed out of the laboratory stage and .nce of that institution. The Murray autened in wonder. had arrived at practical success. In a mulomatic system had made more progress The sun was squinting over the skyline p to the present in Germany. It had also tiplex system the instrument correspondalong the East river, southward the upsoured a foothold in Russia, Sweden and ing to the Wheatstone automatic transper bay stretched calm; Battery park was forway, and was in regular commerical mitter was the distributor, and the Murray ne between Hamburg and Berlin, Berlin multiplex system might be said to be deserted save for distorted heaps of newsand Frankfurt. Hamburg and Frankfurt, founded on the Baudot, because it had terlin and St. Petersburg, St. Petersburg taken the Baudot distributor as its basis. papers, beneath which lay at infervals deeping mendicants of the town. nd Omsk in Siberia (about 2,400 miles with For driving the distributors, however, in-"Pieces of eight! Pieces of eight! Hard down on your heim!" hree, repeating stations), Stockholm and stead of the Baudot arrangement the De-Jothenburg, Christiania and Bergen. A laney multiplex plan of using the Lacour Patrolman, Mury swung his night stick ew installation with all the latest im- phonic whoel motor was adopted. Apart dope. Nothing but the troubled ghost of revements was being established between from the distributors, the only resemblance Captain Kidd, or old Silver, or Black between the Baudot and the Murray multimadon and Dublin Dog, or some other cutthroat wandering Results Unantisfactory. plex was in general principles, and in the In spite of the activity of printing teleforlorn and forsaken, groping for forgotuse of the Baudot alphabet. The Murray ten landmarks of other days. raph inventors, the substantial results multiplex transsmitting and printing marere neither extensive nor brilliant, and chines closely resembled the corresponding Patrolman Mury had never conversed t was an actual fact that less than \$5,000.- Murray automatic instruments; indeed, was curious. So he tried to find the source with the shade of a real pirate, and he many were identical. The normal speed of the sepulchral voice. He found it in ag telegraph machinery on the face of the of the Baudot was thirty words a minute one of the leafy trees in the center of the arth today. The author showed that there for each transmission. In the Murray park. ras little scope at present for printing tel- multiplex the speed was rafsed to forty graphs in wireless work, in rallway tele- words a minute, in order to increase, the "Hello!" Mury said. "Come down and raph traffic) or on long ocean cables. efficiency of the labor at both ends of the 'heir use was chiefly in connection with line. It was possible that under certain pieces of blankety eight!" and telegrath lines between centers of conditions it might prove advantageous to opulation; and he supressed the opninion increase the speed still further to forty-five hat printing telegraphs in the future or fifty or even sixty words a minute. rould perform an important service in as-There were considerable possibilities of isting the co-operation between telegraph both capital and labor paving by such innd tetlephone. It was admitted that for creased speed, and the Murray multiplex ransmission of intelligence over short dishad the advantage of easy adjustment of the mendicants gathered about Mury and ances the telephone stood unrivalled, but speed over a considerable range from was contended that for the transmission twenty up to forty-five, and possibly sixty f intelligence over considerable distances or more words a minute for each transmishe most efficient arrangement was a comsion or channel. ination of the telephone and telegraph; Like the Baudot and similar systems, the he telephone acting as the collector and Murray multiplex printing telegraph di-Istributor for long telegraph lines. Printvided up the line time so as to give sevag telegraphs would form essential links eral transmissions or channels on one telea the telephone-telegraph network, begraph wire, each at a comparatively low ause printing telegraphs were the only speed suitable for the work of one operator ceans by which the carrying capacity of sending and one receiving. Two distribut alegraph lines could be greatly increased tors, identical in design, were employed, nd the labor ost at the same time de-reased. A detailed account of the difficul-(Station A and station B). The distributor at station A sent out a governing intpulse ection with the development and practical pplication of printing telegraphs was then once for each revolution of the contact The saving of labor by the use of arm (four revolutions a second for forty rinting telegraphs could be very great; words a minute). This impulse controlled ut there was reasonable ground for ex. the speed and phase of the distributor at station B so as to keep it running in syn-

matic system being best suited for long or "quadruple," the duplex balance in these lines, and the multiplex for lines of aver- cases giving six or eight transmissions age length. In the automatic system the simultaneously on one line. Special armessages were first perforated on a strip rangements had been designed to give up of paper tape in the baudut five-unit alpha- to six transmissions in each direction, but bet. The perforated tape was then used to it seemed unlikely that anything more transmit the messages by means of an than quadruple duplex (eight transmisautomatic transmitter working on the prin- sions) would ever be required in practice. ciple of the Jacquard loom. The speed of It was too early yet, however, to say transmission of the zignals was from 100 positively what results could be obtained to 180 words (600 to 1.050 letters) a minute, with the new Murray multiplex system, and at the receiving station the arriving especially as there were still a number of signals were recorded at the same speed as detail improvements ti be made. A comperforations in a second paper tape, which plete installation had been completed rewas an exact replica of the transmitting cently for the British postoffice, and was tape. The reproduced tape at the receiving now being installed between London and

s work together as one whole, the auto- new system might also be worked "triple" dealers.

let me frisk you." "Avast, you blankety lubber! Blankety

Policeman.

Mury is a Young Men's Christian asso ciation man and he covered his cars. The heaps of newspaper about the park moved, groaned and took on life. Certain sections of the vernacular of the pirate ghost were familiar music to their cars. One by one his tree and strove to vie with the spook in terms of the enraged. Then Mury divested himself of his hel-

met, night stick and coat and went up the tree to arrest the shade for disorderly speech. The tree was wet and Mury came down suddenly. At this moment a flock of sparrows descended on the tree, and instantly there was a comm notion among the thick leafiness of the branches.

Help! help! you landsmen! They's raising the devil with me!" shrieked a volce. Mury and his mendicants couldn't help. so they waited. And in a moment a big. green parrot burst from the foliage and toped aer ally down the bay and out toward the open sea. Mury pondered a mo "It was Captain Kidd, all right," he said, -New York Mail.

ecting to mave from 25 to 50 per cent in abor compared with the Morse key and chronism with the distributor at station A. The distributor used in the Murray multiplex, multiplex was a "double," giving two Diarrhoes Remedy. It is simost certain to the summer is over. This Two systems the Murray automatic and simultaneous transmissions watking sim- be needed before the summer is over. This he Murray multiplex, had been designed plex and four when working Suplex. The remedy has no superior. For sale by all



and your questions will get prompt attention

