

FRESH HEAR OF GROWTH OF UNI.

(Continued from page 1)
 buildings were also erected. Among them were the chemical laboratory, Grant memorial hall, and Nebraska hall. The latter was not built as good as the rest due to the small appropriation for its construction and the fact which afterwards was revealed, that the man who built it was only one year out of the penitentiary.
 Sigma Chi fraternity established a local chapter in 1883. Immediately there was war between the literary societies and the new fraternity. The literary societies finally expelled all their members who joined fraternities, but for several weeks there was so much excitement that many students forgot to attend classes.
Ball Team Beat Roca.
 At this time there was no organization in athletics. Some of the students however organized a baseball team which beat the farmers at Roca and made a trip to Tabor, Ia., and returned victorious. Football as a regular college game was instituted in 1890.
 Chancellor Avery said that the financial depression of the early nineties hit both students and professors hard. He told of teaching chemistry for several months in the heat of summer for forty-five dollars.
 With the installation of Chancellor Andrews about 1900 came a period of rapid progress. Several new buildings were added and the medical college at Omaha, and agricultural sub-station at North Platte were established. All the different newspapers published by the student body were consolidated as The Daily Nebraskan. The Cornhusker, the outgrowth of several other annuals, was also established.
 Chancellor Avery's administration began in 1908. Under him there has been a reorganization of the system of college. A million dollar building program has just been completed. The building program was held up a year or more in 1913-1914 when there was agitation for removal of the University, to the site of the college of agriculture. The question was submitted to the voters of Nebraska who decreed that the campus site should remain the same. After this decision was made, the regents embarked on the building program which was completed two years ago.


U. OF N. GRADUATES TO START OVERSEAS
Hattie Hepperly, '21, Appointed As Instructor in Women's College for India.
 Hattie Hepperly, '21, will sail November 19 for India. Miss Hepperly is to be home economics instructor at Isabella Thoburn college, the first woman's college founded in the orient. This school is located at Lucknow, a city in the north central part of India. It is under the control of the Methodist and Presbyterian boards of America.
 The government of India decided to organize a great university of Lucknow, which should be an "Oxford for India." Isabella Thoburn college has the privilege of being the woman's department of this university. So the education of women in this great province of fifty million people will be moulded by the Christian ideals and the best of the educational policies of America. The University of Nebraska should feel honored to have a representative in such an institution.

Before Miss Hepperly sails she will attend the general executive meeting of the Woman's Foreign Mission society, which is held at Wichita, Kas. When she first arrives at the college she will have charge of the house-keeping, including study of Indian foods and their preparation. Later she will study the language and then work in the home economics department.
 While in the university, Miss Hepperly was a member of Phi Mu, Mortar Board, Y. W. C. A. cabinet, senior advisory board, Union and Omicron Nu.
KINDERGARTEN CLUB'S ANNUAL "KID PARTY"
 The annual Kid Party of the University Kindergarten Club will be held at Ellen Smith Hall, Thursday evening, at six o'clock.
 The committee will be as follows: Elizabeth Gist, Chairman, Helen Paup, Dewitt Norris, Anne Donelan, Irene Bolter, Wilma Foster; Refreshments, Jeanette Moore, Chairman, Eleanor Talbot, Grace Stiff; Waitress, Marcia Folmer, Ruth Ellsworth, Kathleen Raugh, Grace Moore; Clean-up, Mildred Walker, Hope Ross, Doria Antles, Geraldine Waite, Joyce Dundstrom, Alice Wells, Marian Wood.

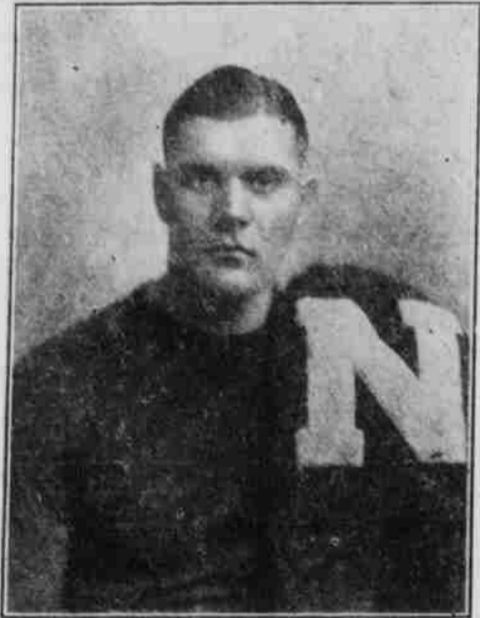
The Liberty Life Insurance company has ready for distribution to University of Nebraska boosters, 10,000 "folding megaphones, hats and fans." These instruments for rooting purposes may be secured at the office used for the first time last Saturday in the Haskell-Nebraska game. Contributions of such a generous nature have been lacking for the last few years and the Liberty Life shows the real "old Nebraska spirit."

You Drive We Rent
Forbes Rent a-Ford Co.
 C. E. MUNSON, Mgr.
 Cars for all social functions with or without drivers. 1125 F St.
 Phone B-1530

NOTICE UNI. STUDENTS
 Special fried spring chicken dinners Wednesday evening at the Lincolnshire from 5:30 to 8:00.
Menu
 Consomme
 Fried Spring Chicken
 Cream Gravy
 Mashed Potatoes
 June Peas
 Head Lettuce
 Thousand Island Dressing
 Choice of Home Made Ice Cream and Cake, or Pie and Coffee.
 Price \$1.00
THE LINCOLNSHIRE

DANDY BAGS
 THE CLASSY BAG FOR SCHOOL OR TOWN


A Pair of Stalwart Husker Gridsters



FRED WELLER
 Weller is a powerful linesman, playing a guard position. He is also a good kicker. He played a great game against Wesleyan.

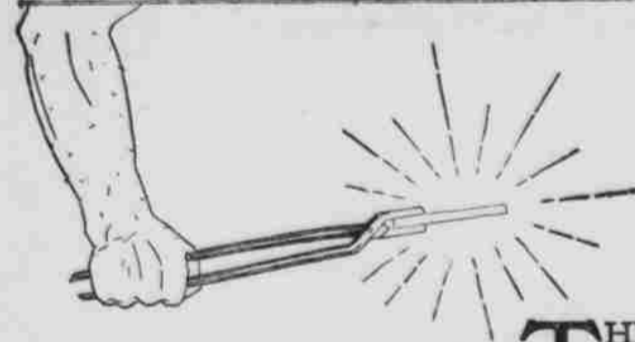


FLOYD WRIGHT
 Wright is a veteran backfield performer. He has lots of speed and fight and is a good man on defense. He starred in the Penn State game last year.

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 Thorough business training is the best insurance against non-employment. Our training is unexcelled as a position-getter. Ask any of the thousands who have taken N. S. B. courses and who are now happily employed.
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Tucker-Shean
 Jewelers, Opticians
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 School Supplies. Complete requirements for all departments of the university.

PSYCHOLOGY
 The dictionaries and universities have much to say on this subject, but we say PSYCHOLOGY is only human nature in a new dress; and if the proper study of PERFUMES is woman-lovely woman.
 When a woman contemplates the purchase of toilet articles, she first smells them. Therefore, get a good Bouquet.
 OH! You have one?
 Well, get a better one!
PARISIAN BARBER SUPPLY CO.
 238 N. 13th Street, Lincoln, Neb.
 Saturday, October 13—Big Opening
 Face Powder and Vanishing Cream
FREE—FOR ALL WOMEN



How Do Hot Things Cool?

THE blacksmith draws a white-hot bar from the forge. It begins at once to cool. How does it lose its heat? Some is radiated, as heat is radiated by the sun; but some is carried away by the surrounding air. Now suppose the bar to be only one-half the diameter; in that case it loses heat only half as fast. Smaller bars lose in proportion. It would seem that this proportion should hold, however much the scale is reduced. But does it? Does a fine glowing wire lose heat in proportion to its diminished size?

The Research Laboratories of the General Electric Company began a purely scientific investigation to ascertain just how fast a glowing wire loses heat. It was found that for small bodies the old simple law did not hold at all. A hot wire .010 in. diameter dissipates heat only about 12 per cent more rapidly than a wire .005 in. diameter instead of twice as fast as might be expected.

The new fact does not appear very important, yet it helped bring about a revolution in lighting.

It had been found that a heated filament in a vacuum evaporated like water and that this evaporation could be retarded by introducing an inert gas such as nitrogen or argon. But it had long been known that the presence of gas in the ordinary incandescent lamp caused so much heat to be carried from the filament that the lamp was made useless. The new understanding of the laws of heat from wires, however, pointed out a way of avoiding the supposed necessity of a vacuum.

By forming the fine tungsten filament into a helix the heat loss was made much less prominent. The light radiated is then about the same as if the wire were stretched out, but the heat loss through the gas is very much less. So the tightly coiled filament was put into the gas-filled bulb—and a new lamp was created. At the same cost it gave more and better light.

Thus pure research, conducted primarily to find out how hot things cool, led to the invention of the gas-filled lamp of today—the cheapest, most efficient illuminant thus far produced.

Sooner or later research in pure science enriches the world with discoveries that can be practically applied. For this reason the Research Laboratories devote much time to the study of purely scientific problems.

General Electric Company
 General Office Schenectady, N. Y.

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