

COLLEGE RESEARCH HELPING IN MILLS

(By C. K. MARSHALL, JR.)

Raleigh.—Research work in progress at the textile school of North Carolina State college is proving to be of value to mills of North Carolina and the south, according to numerous comments received daily by Dean Thomas Nelson of the school.

Various yarn tests made by State college textile experts for mills submitting samples of their products have disclosed that the purpose of the college in serving the industry has not been in vain. The school has just employed two additional experts who will devote their full time to textile research. Various tests will be conducted for benefit of mills.

Sixty-three weave mills recently furnished the textile school with samples or starches used in the manufacture of yarn and cloth. Information growing out of such tests disclosed that North Carolina plants are using a good quality of starch, it was announced today by Dean Nelson.

The school conducts tests for mills to determine the strength and quality of knit goods, hosiery dye, gingham fabrics, to get analysis of imported sheeting, indigotine percentage in indigo paste, and to show cause of cloudiness in black dyed cloth.

"As starch is an important material used in making cloth our school set out to determine whether mills of North Carolina were being supplied with first class starch," said Dean Nelson. "Our research and experimental tests revealed that the starches, generally speaking, were of suitable material. Our equipment and faculty of experts are always at the disposal of mills desiring any sort of reports on tests."

Reports on the 65 tests were made available by Dean Nelson's staff to 1,200 cotton mills throughout the southern states.

A North Carolina Trumpet Blast.

Savannah Press.

The state of North Carolina took a long step forward yesterday in remaining in the Democratic column in the national election in November. It listened to and digested a splendid speech in the interest of the Democratic nominees for president and vice president from that staunch and active Democrat, O. Max Gardner, Democratic nominee for governor of the Old North State. Mr. Gardner opened his campaign at Boone, N. C., yesterday. He didn't mince matters as to who he is supporting for president. He let it be known from his first utterance that he is for Smith and Robinson and he gave some excellent reasons for the support he is giving them in these days of political excitement in the state of Senator Simmons and Josephus Daniels.

Here is what the Associated Press quotes the nominee of Democracy in North Carolina as saying in regard to the national Democratic ticket:

"While I did not prefer the nomination of Governor Smith, and did not attend the Houston convention, I would consider myself unworthy as Democratic candidate for governor, unworthy of the trusted responsibility and leadership my nomination implies if in the first speech of the campaign I should hesitate to announce my purpose to loyally support the entire ticket of my party from constable to president. I stand flatfooted and wholehearted in national matters squarely on the Houston platform. I have also great admiration for the progressive legislation Governor Smith has secured and applied as governor of New York. I feel that he has demonstrated beyond question his absolute integrity, and has exerted his great administrative ability generously and humanely in behalf of the people rather than interests. While I differ with Governor Smith in some of his personal views, I can never for a moment forget that I am a Democrat and that Governor Smith is a Democrat and that he was legally and lawfully nominated by my party. I could never give aid or comfort to the Republican party which for seven years has made government a thing of purchase, first by the oil companies and second by the special interests and has turned its back on every ideal inspiration of Woodrow Wilson."

How splendid all this is! There are candidates for governor in some other Southern states and those who are bearing the banner of Democracy where campaigns have already been fought out that might profit much from the straight-from-the-shoulder declarations of this real Democrat. He does not content himself with the mere statement that "I am a Democrat," nor does he ignore in his campaign addresses the fact that Al Smith is the national leader of Democracy. He sinks or swims, rises or falls with the leader of his party. There is political backbone and courage and honest-to-God Democracy for you.

Tobacco Sales High.

Atlanta.—Sales of tobacco for the sixth week of the Georgia bright leaf season, ending last Saturday, amounted to 408,701 pounds and brought an average price of 8.35 cents per pound for a total value of \$3,408,000.

Got a Lion Apiece



David Martin, of Austin, Minn.; Douglas Oliver, of Atlanta, Ga.; and Robert Douglas, of Greensboro, N. C., three Boy Scouts, who accompanied Mr. and Mrs. Martin Johnson on a hunting trip into the African jungles, have reached Paris en route home with a lion apiece to their credit.

(International Newsreel.)

MOSCOW AUTOS SET HIGH RATE

One Car In Every Three Has Serious Accident During The Year.

Moscow.—A world's record for the largest number of accidents per automobile in the city, may just be claimed by Moscow on the basis of recent statistics. One in every three automobiles, it appears, was involved in a serious mishap here in the past year; and the auto-buses, of which the Red capital is so proud, each sustained an average of three accidents during the year.

Luckily the automobile traffic in the city is comparatively small, so that the total number of people hurt is low despite the high average of every car.

The narrow cobblestone Moscow streets are scarcely suited for automobiles—a fact, however, which chauffeurs do not take into account. Cars dash among the plodding drosky and wagon traffic at breath-taking speed. The pedestrians, not yet accustomed to motor cars, exercise too little care. Fogging them, they continue to cross streets while engrossed in a newspaper.

At principal crossings traffic police are on duty, and a traffic tower with red and blue signal lights has been erected at one point. But drivers are contemptuous of these legal obstructions.

Millions Of Feet Trodding To School

Sometime this month, millions of feet will turn toward school. Many will be making their first journey into classrooms and going on their first adventure into discipline and study.

Somehow the picture is inspiring, perhaps the most significant march that is ever made by any organized force.

The tiny children, the little tots who are leaving the lawns and fields, the play-rooms and the gardens, are bearing in their laughing little heads the future destinies of the country.

At school they will learn loyalty to an ideal. Before long they will thrill to the name of the football heroes; will defend the place where they are making their friends to the last ounce of their enthusiasm.

This is the start of the spirit which, in later years will make them leading members of business, civic, social life.

It is the duty of every man, and woman in this locality to help those new children to a full appreciation, of the opportunities which exist for them right here where they are. We will need every one of them sometime in the future when they leave school for the last time, with their diplomas under their arms.

In our home activities, make them proud of the examples we set. In our civic life make them glad to be in the parks, the driveways, the surroundings we provide for them. In our business life, make them realize that, in our stores, in our merchandise, in our business deals, we are serving them with the best that the world affords.

Ten, fifteen, twenty years, they go before we know it. Will we, in the few short months they give us, have made ourselves a part of the life of the children who are starting off to school today?

MECHANICAL MAN TALKS BACK NOW

Once Could Only Hear And Obey But Talks Now. Inventor Adds Words

The evolution of the mechanical man has taken a further step, we are told by a writer in the New York Times. Formerly it could do nothing but hear and obey. Now it can talk back. The Telvex was hailed as the perfect employee when it was first invented by R. J. Wensley of the Westinghouse company, because it could obey orders, and do nothing else. It could not even speak when spoken to. Now, the writer says, the inventor has endowed it with words. He continues: "When it is hailed over the telephone it responds in a well modulated and deferential voice:

"Telvex speaking."
"It can even initiate a conversation. If something goes wrong, for instance, at a power substation where the Telvex is on duty, it can lift the receiver and say:
"This is the telvex calling for Main 5000."

"When the telvex is connected with that number the conversation will continue in buzzer code. The man at headquarters will ask by interrogatory buzzes what is wrong, and the telvex will reply in the same form, one, two, or three buzzes, or a combination of buzzes, each meaning something different.

"In place of vocal cords the mechanical man has had a talking film introduced among its organs. The words to be spoken are recorded by photography on a film and introduced into the physiology of the man that was born in a laboratory.

"An English-speaking race of machines is now being reared by the Westinghouse company to substitute for watchmen in power stations where the information to be transmitted is not complicated. Adjustments are made so that a break in the electrical current in one place causes a set-up in the machine which reports that fact. A break elsewhere causes a different set-up and a different report.
"A particularly human touch was

introduced by the inventor, who had started the talking career of his electrical young men by furnishing them with language in which to complain about the weather. They are adjusted so that they can call up headquarters and report 'It's hot,' or 'It's cold.' This information is of value as a warning, because too much heat or cold is dangerous to the engine.

"The first three members of the mechanical race—famously known as 'Adam,' 'Cain,' and 'Abel,' Eve being omitted because the automatic kingdom had not been divided into two factions—are on duty in Washington as employees of the war department, assigned to report on the condition of the city's water supply. Adam, Cain, and Abel furnish daily bulletins on the amount of water in each reservoir.

"The part played by the human voice in this interesting tribe is not a mere humorous conception on the part of the inventor, but is an indispensable part of the mechanism. The telephone company does not allow any electrical or other devices to be hitched onto telephone receivers. In order to set the mechanisms in action at a distance by telephone, therefore, it is necessary to make them sensitive to human speech range. Each machine is sensitive to a variety of sounds and performs different functions, according to the pitch in which it is addressed. The ability to talk as well as hear was necessary to enable it

to call for a number and to announce itself.
"By means of the telvex," Mr. Wensley said, "a load dispatcher of an electric power company or street railway can call or receive reports on the status of every machine in the station, and start or stop machines, open and close switches, and perform other operations at will.
"Automatic operation of electrical machinery has been in use for several years, but all systems now employed require special wires run from the supervising points to the station. There stations are many miles away, numerous such installations may be very expensive. Telephone connections to all points always exist, however, and by using these lines for supervisory control, the cost of the control system is greatly reduced."

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PAUL WEBB & SON, Shelby, N. C.

Harry Lauder III. Dunoon, Scotland.—Sir Harry Lauder, Scotch singer, was confined to his bed at his home here with a chill. His voice was affected and he has cancelled his engagements for the coming week.

Advertise in The Star



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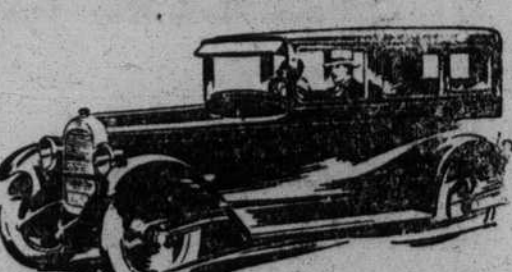
NOW August has added its sweeping plurality to Willys-Overland's impressive total for 1928. Eight consecutive months have broken every record for the corresponding months in all of Willys-Overland's 20-year history.

Last month 68% more people bought Whippet and Willys-Knight cars than in August, 1927—a gain of more than two-thirds!

Experienced motorists are quick to appreciate the superiority of the Whippet Four, with its many engineering advantages never before brought to the light car field;—the Whippet Six, the world's lowest priced Six, with 7-bearing crankshaft and other costly car features;—and the Willys-Knight Six, which now, at the lowest prices in history, brings the unmatched smoothness, silence, power and operating economy of the patented double sleeve-valve engine within easy reach of thousands of new buyers.

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