

AMERICAN CORP. IN BIG EXPANSION

Guy Morgan Joins Plainfield Organization and Has Some Big Plans.

Guy Morgan is another prominent automobile man who is getting back into business after two years in the Government service.

Mr. Morgan is coming to the American Motors Corporation as part of a general expansion of the organization.

The company recently announced that it had completed arrangements for the 1920 capital and P. W. Hasal, vice-president and treasurer, now states that half this amount has already been paid in and the total is 40 percent.

The American Motors Corporation will quickly take advantage of this situation with the result that the distribution of its product has become thoroughly organized throughout this part of the country.

CARLISLE TIRES

INGENIOUSLY MADE

Salesmen Who Go Through Andover Factory Come Away Most Enthusiastic.

Ed Demar, the well known local distributor of Carlisle Cord Tires on Fifty-eight street near Broadway, is making weekly trips to the factory at Andover, Mass., and taking with him each time members of his selling force, who are shown through the factory and made acquainted first hand with the manufacturing methods used in turning out the product they sell.

Carlisle Cords are so interestingly made that a short description of what one of these men saw at the factory is given here. This salesman says: "Carlisle Cords are made of rope, sturdy strong strands of rope. And that is what I first saw, spools of rope, each spool being carefully tested. A piece ten feet long is taken from each spool. It is put in a machine to determine its breaking point. The particular piece we tested broke at 295 pounds. When a strand breaks below 260 pounds the entire spool is cast aside and not used.

In Carlisle Cords no two strands touch. Each strand is embedded entirely in rubber. This means the absence of friction which naturally means longer life for the carcass and the entire life. Carlisle Cords are cool at 80 miles an hour. No sand blasters no thread separation, no blowouts, this makes up the Carlisle Cord tire.

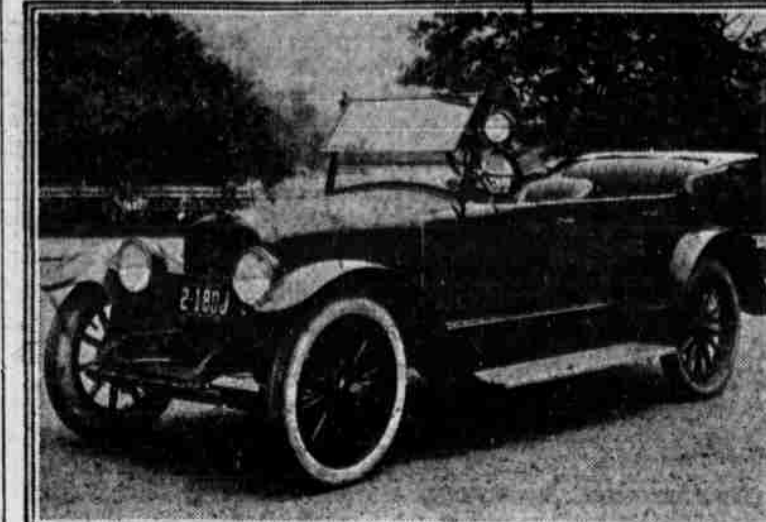
Each step in building is carefully inspected, so that the cord carcass that shows signs of infection is detected and thrown away. Then come the breaker strip and reinforcing of the sidewalls. While this is being done the carcass has a pressure of a regular tire exerted upon it which would bring out any defect.

Then came the tread and the curing process. In curing Carlisle Cords an inner tube is spliced with each tire. No air bags are used but regular, high grade inner tubes properly inflated. The famous best anti-slip tread is molded and as the tire is taken from the molds it represents the most wonderful process of cord tire construction in the world.

Cause of Knocking. In motors with detachable cylinder heads great care should be taken to see that the gasket used to pack the joint does not project into the combustion chamber. When this occurs the gasket is likely to become incandescent, causing ignition knocks and even back firing in the combustion.

- New York Fairs, 1919. Aug. 12-17—Madison County, De Ruyter. 12-16—Orange County, Middletown. 12-16—Livingston County, Caladonia. 12-12—Cortland County, Cortland. 8-22—Oswego County, Sandy Creek. 9-21—Greene County, Cairo. 18-22—St. Lawrence County, Gouverneur. 19-12—Ulster County, Ellenville. 19-23—Warren County, Warrenburg. 19-23—Washington County, Cambridge. 19-23—Wyoming County, Warsaw. 26-29—Saratoga County, Ballston Spa. 26-29—Chenango County, Norwich. 24-29—Lewis County, Lewisville. 26-29—Onondaga County, Rome. 26-29—St. Lawrence County, Canton. 26-29—Steuben County, Hornell. 26-29—Sullivan County, Monticello. 26-29—Tompkins County, Trumansburg. 26-29—Washington County, Hudson Falls. 27-30—Monroe County, Brockport. 28-30—Wayne County, Newark. Sept. 1—Oswego County, Cooperstown. 1—4—Columbia County, Chatham. 1—4—Montgomery County, Fonda. 1—4—Rensselaer County, Troy. 1—5—Cattaraugus County, Little Valley. 1—5—Oswego County, Fulton. 1—5—Monroe County, Rochester. 2—5—Broome County, Whitney Point. 2—5—Delaware County, Walton. 2—5—Essex County, Westport. 2—5—Onondaga County, Boonville. 2—5—Steuben County, Troupsburg. 3—6—Orleans County, Albion. 3—6—Yates County, Penn Yan. 8-12—Clinton County, Plattsburgh. 8-12—State Fair, Syracuse. 9-11—Livingston County, Avon. 9-12—Allegany County, Cuba. 9-12—Chenango County, Afton. 9-12—Delaware County, Delhi. 9-12—Jefferson County, Cape Vincent. 9-12—Rensselaer County, Nassau. 9-12—St. Lawrence County, Ogdensburg. 9-13—Tioga County, Oswego. 9-13—Chautauque County, Dunkirk-Fredonia. 10-13—Ontario County, Naples. 10-13—Oswego County, Oneonta. 10-13—Madison County, Brookfield. 10-13—Dutchess County, Poughkeepsie. 10-13—Albany County, Altamont. 10-13—Allegany County, Angelica. 10-13—Franklin County, Malone. 10-13—Suffolk County, Riverhead. 10-13—Tompkins County, Ithaca. 10-20—Ontario County, Canandaigua. 10-20—Wayne County, Lyons. 22-28—Oswego County, Richfield Springs. 22-28—Schoharie County, Cobleskill. 23-25—St. Lawrence County, Potsdam. 23-25—Essex County, Waterloo. 23-26—Schuyler County, Watkins. 23-26—Steuben County, Bath. 23-27—Erie County, Hamburg. 23-27—Nassau County, Mineola. 23-27—Onondaga County, Vernon. 23-27—Wayne County, Palmyra. Sept. 20-Oct. 2—Otego Co., Morris. Sept. 20-Oct. 2—Chemung County, Elmira. Oct. 1—3—Livingston County, Hemlock. 8-10—Yates County, Dundee.

Templar Makes Decided Hit.



George S. Morrow who sells the Templar in the metropolitan territory received some new types last week among them being the touring car shown here. There is a decided demand for this fine looking car.

LOOK OUT FOR THIEVES

Danger With Police Force Busy With Strikes.

Automobile owners must be particularly watchful of their cars during the present industrial unrest, because the possibilities of theft are bound to grow stronger.

"The numerical strength of the police force can vary only slightly from week to week," Mr. Larson says.

"If you haven't equipped your car with an effective lock device be wary about permitting it to remain unguarded on the streets.

Anti-Rust Lubricant. As an anti-rust lubricant for the leaves of springs, etc., heat a pound of India rubber scrap and mix with half a pound of grease and half a pound of kerosene.

Routes to the National Rifle Matches

For the benefit of those who intend to visit the National Rifle matches, which are to be held at the Navy Range just outside of Caldwell, the best way to reach the range is as follows:

From the Dyckman Street Ferry, run through Englewood, Teaneck, to Hackensack, then Essex street to Paterson and through Paterson on Main street, West and Totowa streets to Totowa, then along the river through Little Falls and Singac, Fairfield, Clinton, and to the Great Piece Meadows, where the range is located, about three miles northwest of Caldwell.

From 130th Street Ferry, go through Fort Lee, Leonia, and Bogota to Hackensack, then follow above route. From Forty-second Street Ferry, take Hudson County Boulevard, Newark avenue and Belleville Pike to Belleville, then John street to Montclair and out through Caldwell and Franklin to the range. From Newark go out Bloomfield avenue to Montclair and then through Caldwell and Franklin.

Home Made Cement.

Four parts of iron filings, two of lime and a fifth part of common salt mixed to a paste with vinegar make an excellent cement for spark plugs, for connecting pipes, etc. When carefully mixed this cement will stand compression and heat and can be air dried.

Don't That Help You and the Other Fellow

Don't hog the road. Obey all traffic signals. Don't stop on car tracks to wait for signal. Keep near the curb.

Don't go ahead of the officer's signal and then say you did not see him. Don't turn in the middle of the block in narrow side streets.

Don't fail to report accidents to the Police Department. Try not to delay traffic by killing your engine.

Don't overinflate your tires.

Don't Neglect the Busy Water Pump

A Little Care Will Keep You Out of a Great Deal of Trouble.

"Inspect the water pump occasionally," says William H. Stewart, Jr., president of the Stewart Automobile School.

"If it fails the engine overheats and the cylinders may score, damaging the engine. By giving the pump the proper attention these troubles may be avoided.

"The first detail of care is to see that it is working properly. The engine must be running to observe this. Remove filling cap and look in. If the water is too low it must be replaced. If the pump is working the water will be in motion.

"If the pump has failed the water will not be moving. On some radiators this test is not possible owing to certain details of construction, so the pump must not be condemned unless this fact is known. A better test is to hold the hand at the bottom of the radiator. If the bottom is distinctly hot the pump is pulling the water down. If it is cool the water is not circulating and the pump should be examined.

Perhaps you will find the impeller loose on the shaft. When replacing the cover a new gasket will be necessary.

"The second detail of care is lubrication, where a grease cup is provided. This is to lubricate the shaft which runs at a high rate of speed. If you have no grease at the time do not use oil as it simply runs into the cooling system and does not stay in the bearing where it is needed.

"On the contrary, it will interfere with cooling and may help to rot the rubber hose at top and bottom of radiator.

"The third detail of care is to repack the stuffing box around the pump shaft after the packing is used up. From time to time this box will leak as the packing wears. It will be sufficient to turn the nut with a wrench just enough to stop the leak, otherwise the shaft will score if the nut is set too tight. Every time it leaks the box is tightened slightly until the packing is all worn out and the threads bottom. The cover must then be removed and new packing

STORY RUBBER CORP. EXPANDS

Opens Fine New Headquarters at Sixty-sixth Street.

The Story Rubber Corporation has just taken a long lease of the store at 1960-1962 Broadway, corner Sixty-sixth street, for wholesale and retail selling and distributing of the well known Bonner inner tube for pneumatic tires.

This tube is a successful puncture closing tube, a device for dealing with ordinary punctures which depends upon the principle of holding rubber under compression in a tube filled with air only.

By the principle of this tube all the advantages of a pneumatic tire in resiliency and comfort when riding are retained because it is air filled only, and at the same time the scientific construction of the tube enables the producer to guarantee that it will not deflate from an ordinary road puncture.

Story Rubber Corporation is a New York corporation and succeeded on April 1 to the sole manufacturers and distributors in the eastern United States formerly conducted by Ernest D. Story at 1328 Broadway. The company is now equipping a factory at Hempstead, N. Y., and expects to begin actual manufacture of the Bonner tubes at that location about September 1, in order to supply the increasing demand, which has exceeded the capacity of the present factory.

Ernest D. Story, president of the corporation, has been selling the Bonner tubes in this market for about five years and has associated with him as secretary and treasurer Charles S. Fowler, formerly Deputy Superintendent of Insurance in New York city. The other directors of the corporation are Elmer G. Story, president of the Bay-side National Bank, Bayside, N. Y.; Harry C. Shaw, purchasing agent of the Hensco Manufacturing Company, Springfield, Mass., and Howard S. Brower, treasurer and manager of the Nassau Lumber Company, Hempstead, N. Y.

AIR CONTAINER SALES CO.

Patented Inner Tube Sales Are on Increase.

The Air Container Sales Company, Inc., has moved its office and salesroom to its new quarters, 1844 Broadway. This progressive corporation manufactures and sells a patented inner tube which will not deflate when punctured, prevents blowouts and puts the outer shoe on a wear out basis.

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Don't Neglect the Busy Water Pump

A Little Care Will Keep You Out of a Great Deal of Trouble.

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"If it fails the engine overheats and the cylinders may score, damaging the engine. By giving the pump the proper attention these troubles may be avoided.

"The first detail of care is to see that it is working properly. The engine must be running to observe this. Remove filling cap and look in. If the water is too low it must be replaced. If the pump is working the water will be in motion.

"If the pump has failed the water will not be moving. On some radiators this test is not possible owing to certain details of construction, so the pump must not be condemned unless this fact is known. A better test is to hold the hand at the bottom of the radiator. If the bottom is distinctly hot the pump is pulling the water down. If it is cool the water is not circulating and the pump should be examined.

Perhaps you will find the impeller loose on the shaft. When replacing the cover a new gasket will be necessary.

"The second detail of care is lubrication, where a grease cup is provided. This is to lubricate the shaft which runs at a high rate of speed. If you have no grease at the time do not use oil as it simply runs into the cooling system and does not stay in the bearing where it is needed.

"On the contrary, it will interfere with cooling and may help to rot the rubber hose at top and bottom of radiator.

"The third detail of care is to repack the stuffing box around the pump shaft after the packing is used up. From time to time this box will leak as the packing wears. It will be sufficient to turn the nut with a wrench just enough to stop the leak, otherwise the shaft will score if the nut is set too tight. Every time it leaks the box is tightened slightly until the packing is all worn out and the threads bottom. The cover must then be removed and new packing

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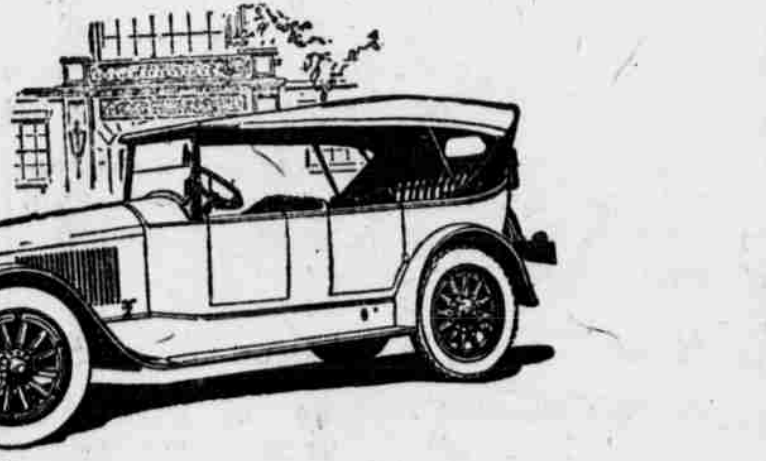
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inserted. Preferably this should be graphite asbestos. The packing should be forced in evenly and the cover replaced for several months. If the cover of the pump leaks and tightening the screws does not remedy it, a new gasket must be fitted. This may be cut from ordinary wrapping paper. It should follow the outline of the cover and be carefully fastened with shelling to prevent leakage. These are the most important details of care of the pump, which if properly observed will go far to render your cooling system efficient."

Advertisement for Champion Spark Plugs. Includes image of a spark plug and text: 'CHAMPION Spark Plugs have long been standard equipment on all Overland cars. They offer greater resistance to shocks and temperature changes. Dependable Spark Plugs. DISTRIBUTED BY: LOWE MOTOR SUPPLY CO., Broadway and 25th St. Tel. Circle 1500. JAMES MARTIN, 134 W. 57th St. Tel. Circle 2200. MOTOR CAR EQUIPMENT CO., 19 W. 53d St. Tel. Columbus 974. A. J. PICKARD & CO., 9 W. 51st St. Tel. Columbus 1631. W. E. PRUDEN HARDWARE CO., 258 W. 53d St. Tel. Circle 1031. SUPERIOR LAMP MFG. CO., 148 W. 32d St. Tel. Circle 356. TIMES SQUARE AUTOMOBILE CO., Broadway & 26th St. Tel. Circle 840. WHITMORE-SIM CO., 1970 Broadway. Tel. Columbus 842.'

Large advertisement for FISK INNER TUBES. Includes large text: 'FISK INNER TUBES NOW is the time to look to your Inner Tubes. Take a new Fisk Tube on your vacation trip. Hot weather is not the time to use up your half-worn Tube. A new Tube put in service now is casing insurance. The Most Popular Motor Car Tubes in the Country. They have always been of laminated construction—built up layer upon layer of pure rubber. Only the highest quality of pure gum is used in the making of Fisk Tubes. They are heavy and strong and they wear longer than two ordinary Tubes. If you want reliability and the biggest Tube value on the market—BUY FISK. Next time—BUY FISK—At all Dealers. Includes image of a Fisk Tube box and text: 'FISK TUBE FISK CORDS FISK RED-TOPS FISK BLACK NON-SKIDS'



The Dorris

"Built Up to a Standard—Not Down to a Price"

WE announce with deep satisfaction the opening of our New York salesroom where the Dorris Car is shown with perfected Valve-in-Head Motor superbly balanced for its work—logical result of fourteen years work on this one fundamentally correct type. All other elements of equally superior character.

- 7-passenger Touring Car, \$3950 Coupe, \$4800
- 4-passenger Sportster, \$3950 Sedan, \$5200
- All prices F. O. B. St. Louis
- Immediate Delivery

Carlton Motors Corporation Metropolitan Distributors Park Ave. at 53d St.