

Map of Heavens Nearly Finished

Astronomers Work 36 Years on First Comprehensive Chart of Stars.

Paris, Sept. 8.—What is regarded here as one of the most interesting and valuable results of modern studies in astronomy is nearing completion in the Paris observatory after 36 years of painstaking labor. It is a new map of the heavens and catalogue of the stars. The compilation shows that there are approximately 300,000,000 heavenly bodies visible through the powerful telescopes.

Photographing the heavens was a plan first developed by the Paris observatory, and its then director, Admiral Mouchez, was called here in 1887 to an international congress of astronomers which decided to map the heavens. There were 18 nations, including Mexico, Chile and the republics of Argentine and Brazil, which agreed to contribute to this work.

The heavens were subdivided, with four French observatories taking the central zones of the heavens.

Ten thousand leaves of the photographic map contain stars to the 14th magnitude, whereof there are above 30,000,000. Stars to the sixth magnitude may be seen with the naked eye and above that, telescopes and other aids are needed.

In reality, it is explained, the number of stars appear to be infinite. As huge lenses are constructed, each increase in the size of the lens reveals a larger number of stars.

A few years ago the number of stars was set at approximately 100,000,000. Now that number has been revised, and as the explorers of new worlds in the universe progress in their studies, they find space filled with stars, the light of which reaches the eye of the explorer after years of travel, so distant are these bodies.

Mapping the heavens was a task not undertaken by astronomers previous to 1887, and before the work could be started, it was necessary to agree on plans concerning the size of the photographs and means of measurements. The majority of the astronomers of the world used their ingenuity and learning in the task.

By means of this new map, fresh measurements of the location, size, and nature of the stars may be made by astronomers, and philosophic speculation stimulated as to the inhabitation, if any, of the stars, and the general system and scheme of the universe.

Father and Son Week Planned in November

New York, Sept. 8.—A change in the dates of national father and son week, so as to have the observance center each year around Armistice day, is endorsed by President Harding in a letter received at the New York offices of the international committee, Y. M. C. A., which originated the observance in 1917 and whose boys' work committee continues to lead its promotion.

The change from the week of Lincoln's birthday, used for the purpose of the observance until this year, has been made in response to the desire of national and international Sunday school organizations. The president's letter follows:

"My attention has been called to the national father and son movement, which is to be launched during national father and son week, November 11-15. It is a great pleasure for me to commend this movement, which has as its objective to draw together in a more intimate way the fathers and sons of America, and to strengthen and develop this relationship."

Hastings to Be Host to American Legion Convention



John P. Madgett, Paul Kaspar, W. B. Cox, Lester C. Eller, F. C. De Witt, Pat Maloney. COMMANDER, VICE COMMANDER, VICE COMMANDER, VICE COMMANDER, FINANCE OFFICER, SGT. AT ARMS.



Henry H. Schlenning, Waldorf H. Brach, George E. Boggs, L. F. Zook, H. M. Doty, Kenneth H. Gedney. ADJUTANT, EXECUTIVE COMM., EXECUTIVE COMM., EXECUTIVE COMM., EXECUTIVE COMM., EXECUTIVE COMM.

Hastings post No. 11 of the American Legion is arranging an elaborate program for the Nebraska state legion convention to be held there September 17, 18 and 19.

The program will include a golf tournament, tennis tournament, possibly a ball game, 30 rounds of boxing, a nurses' ball, as well as two dances each evening for all ex-service men.

On the fight show card are Rusty Evans, Kid Worley, Ace Hudkins, Art Magli and Ed Fiehrty. There's also will be a big parade, with three bands, and band concerts each day.

The group of Hastings men who have planned this affair, and who will put it over, include the following: Henry H. Schlenning, adjutant of the Hastings post; Ambrose ("Pat") Maloney, sergeant-at-arms; John P. Madgett, commander; Vice Commanders A. G. Clark to Mary Lacinia, Fourteenth and Pasadena avenue, \$4,275; Abraham Rosenberg to J. W. Moran, 22 1/2 South F street, \$4,400; Elizabeth D. Brennan to Zella Kazakas, 1911 South Fifteenth street, \$4,750.

Field Club. Ruth A. Sullivan to T. W. Shields, 819 South Thirty-fifth avenue, \$5,650; Lola H. Johnson to Alice O'Connor, 2109 South Thirty-third street, \$7,250; Frances F. Manser to Anna Kudicka, northwest corner Thirty-fifth and Martha streets, \$6,000.

Northwest. Dora Winther to Ludwik Hudyka, Thirty-eighth and Kansas streets, \$4,650; John Larson to G. R. Van Sickle, Forty-fifth street, between Decatur and Franklin streets, \$4,250; Jennie B. Cole to Thomas Verner, Forty-seventh street, between Maple and Corby streets, \$6,750; J. C. Schmitt to Anna B. Manthey, Boyd street, between Forty-second and Forty-third streets, \$4,150; O. L. Peterson to Minnie C. Samelson, Miami street, between Fifteenth avenue and Fifteenth street, \$6,000.

Dundas. Clara Jones to Willie L. Naken, 5142 Jackson street, \$10,000; E. C. Plack to D. G. Willison, 6111 North Forty-eighth street, \$6,450; Berker company to Florence J. Brown, Fifty-seventh street, between Howard and Emilie streets, \$15,000; Ed. F. Smith to G. G. Schmidt, 4318 North Twenty-seventh street, \$4,600; Katha Kortling to Paul Brodick, 1620 Victoria avenue, \$5,250; Lena Anderson to G. W. Roban, 2847 Miami street, \$4,600; G. C. Plack to A. L. Cole, 2852 Camden avenue, \$5,250; J. F. Wachel to W. C. Herrold, 2423 Manderson street, \$5,250; W. W. Eberle to H. O. Frohardt, 2854 Browne street, \$4,200; Lester Ward to Eastern Mfg. & L. company, 2283 Evans street, \$4,000; Lena H. Reynolds to Henry Hammerly, 424-25 Erskine street, \$4,500; G. G. Ure to T. C. Parkins, 2093 Binney street, \$5,000; E. H. Levy to A. G. Nussallah, 2556 Poppleton avenue, \$5,500.

Britisher Pays \$100,000 to Join "Sure Thing" Club

Paris, Sept. 8.—William Warren, whom the French police allege is the world's master confidence man, stands a fair chance of being freed from various charges brought against him by various people who say they entrusted him with large sums which were not repaid.

So far the police have not been able to fasten a single definite crime against him.

The most startling charge is made by a Hull shipmaster, who told the examining magistrate that he met Warren at the races at Monte Carlo.

"Warren was winning large sums through a bookmaker he introduced me to who was supposed to be in the 'know,'" said the shipmaster.

"Every morning they would cable sums to London or Paris to be placed on horses running in the French and British races. Invariably they won."

"Finally one day they cleaned up \$40,000 on a capital of \$5,000, and I asked to be told the secret."

"Warren agreed, but said I would have to become a member of the 'club.' The membership fee for this was \$100,000. I paid them the \$100,000 and Warren assured me that within a week I would win \$1,000,000."

"I am still waiting, for Warren left the next day."

"Did Warren give you a formal stamped receipt?" asked the magistrate.

"Yes—here it is."

"Then he did nothing contrary to French law. You simply presented him with \$100,000 dollars."

And Warren, allegedly master confidence man, smiles.

Napier's Men's Shop Has New Manager



J. M. Martin.

J. M. (Marty) Martin has been identified with Napier's men's shop as manager and buyer.

Mr. Martin has had 13 years' experience in this city in fitting men's shoes. For the last few years he has been assistant manager of another store retailing men's footwear.

No fewer than 5,000,000 bicycles are in use in the British isles.

New Airplane Stabilizer Makes Flying 'Foolproof'

London, Sept. 8.—After a life work of research and experiment, the efforts of the famous Austrian savant, Prof. Raimond Nimfuhr, to achieve automatic stability in airplanes have been crowned with success.

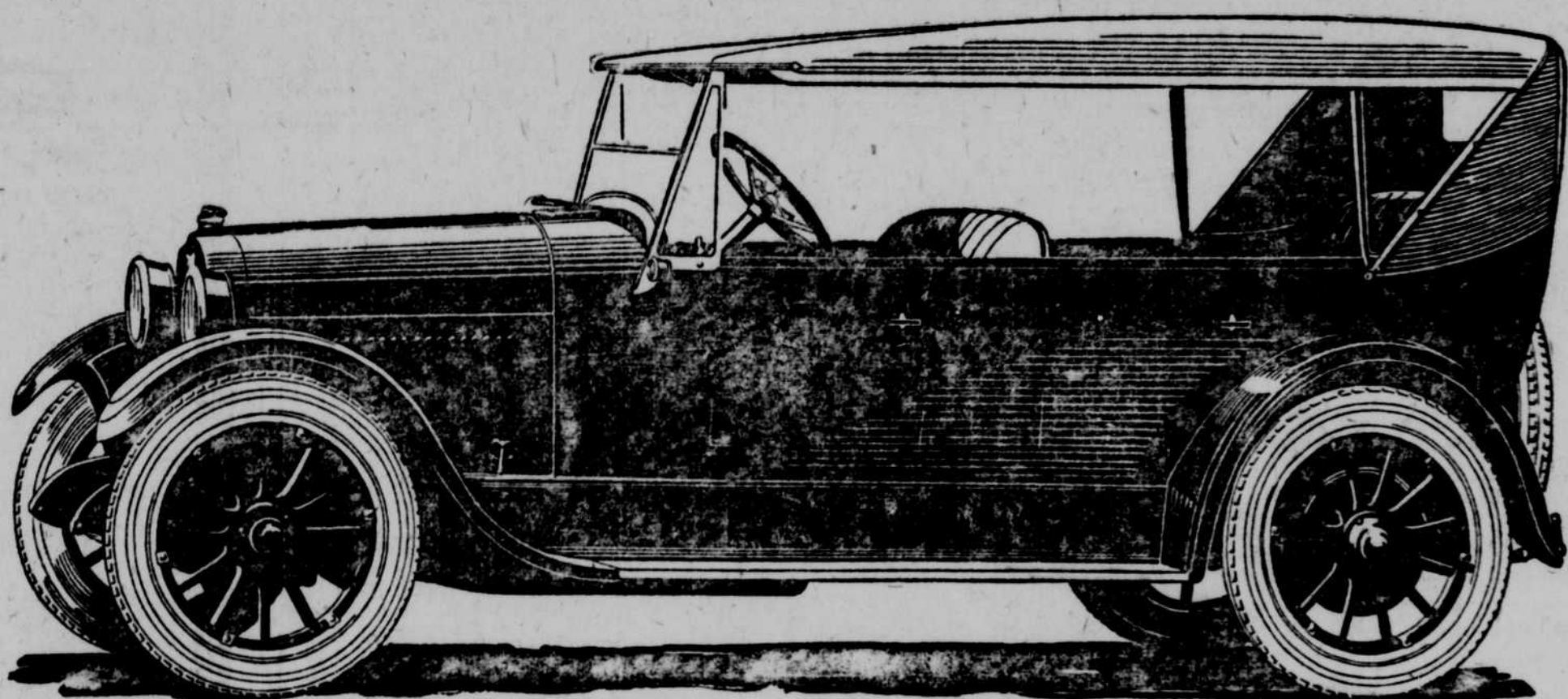
He has now perfected a secret mechanism which is likened to the antennae of insects, and it now only requires certain simplifications in operation to be brought into everyday use. Already in its tests it has exceeded all expectations.

It is described as a "sensory organ" and is shielded from view in a smooth-rounded metal chamber which projects on a hollow tube in front of the aircraft when in flight.

Uncanny is the only description one can apply to the way in which this "brain" will correct an error of the pilot. Should he by any chance cause his craft to "stall," or come practically to a standstill in the air, with the peril of a plunge, the "brain" promptly assumes control, and, tilting the bow a little downward, sends the machine on a glide which immediately restores the lift of its wings.

Any fluctuations in the air currents are instantly detected by the new device, which automatically stabilizes the controlling planes so that the machine remains in steady flight no matter what disturbances may be encountered.

The New HIGH POWERED REO "SIXES"



The New 6-Cylinder Touring At Lansing \$1335 Add Tax

DEVELOPED by nineteen years' experience, the 1924 line of Reo high-powered six-cylinder passenger cars more forcefully expresses the significance of Reo as "The Gold Standard of Values."

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The rugged, powerful chassis is hung lower to the road for easier riding, greater safety and improved appearance. The double-frame mounting of power units, long a distinctive Reo feature, is maintained. So is the simple dual foot control.

Powered with the wonderful Reo 6-cylinder engine; nothing experimental nor untried. With intake valves in head and exhaust valves at side, positive lubrication and cooling systems and unusual accessibility, it provides dependable power for every driving condition.

Super strength marks the new rear axle, which combines the advantages of both the semi-floating and full floating types.

Safety—reliability—comfort—economy—roadability—appearance,—on whatever factor motor car satisfaction is based, Reo dominates.

The Gold Standard of Values

New Phaeton \$1545 4 Pass. Coupe \$1875 5 Pass. Sedan \$1985 4 Door Brougham \$2235

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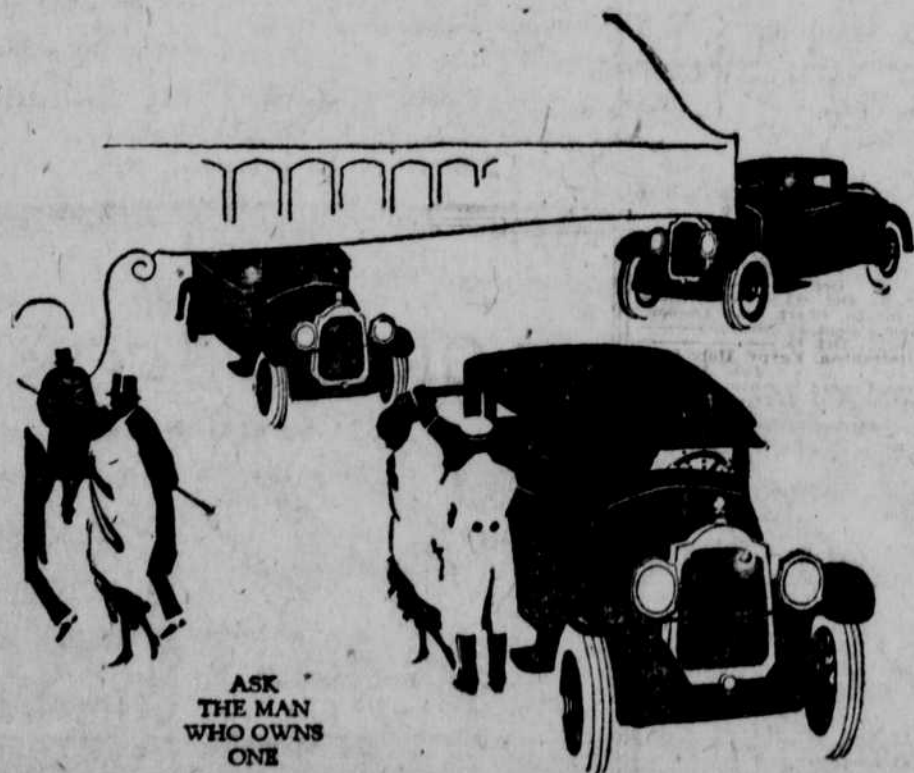
It is certainly significant that more and more purchasers of the Single-Six have had previous experience with cars of lower price.

There is only one interpretation of this fact. Investigation and testimony of other owners have proved to these buyers that there is a greater economy in the Single-Six that makes it a sounder investment.

Thus many people who have always aspired to Packard ownership have discovered that the gratification of this desire is not an indulgence, but rather, the exercise of good business judgment.

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