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SPORTS

PHILADELPHIA, WEDNESDAY, JANUARY 12, 1916.

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PRICE ONE CENT

AUTOMOBILE SHOW SECTION



etitioned in this matter instead of State because the highway in ques-is not a through route. 15,000 State appropriation, by

of which the State Highway De and of which the State Highway De-fiment is gradually absorbing the toll ds and opening them to the public, a been used to the best possible ad-atage, according to Mr. Griffith. is cleas the big part of toll rods on a Perklomen Valley pike which was an over by the State last summer, to-ber with a barre slice of the Bethlops

with a large slice of the Bathlehem the which left only 12 miles of toll road in that highway. Another example is the Neshaminy

alls pike, on the way to Trenton, a tree part of which was opened last art, he said. "Then there was that the section between Doylestown and n, which was taken over last year other parts of the State the purchase toll roads is going on and it will not long before we have seen the last of

SWEDEN LOOKS GOOD FOR INTERNATIONAL COMPETITION

Ijertsberg Says He Has Many Stars in Training

Sweden's prospects' for internaathletic championship honors are than promising may be judged from ather confident reports made by King ra national athletic instructor, Ern-King sberg, who arrived in New York tew days ago to spend a brief vacation. misberg, who is well known in America an athlete and successful trainer, says , in his opinion, Sander, a 20-year-old ent at Upsalla University, is pos-ef of powers of endurance and suffi-speed as a distance runner to give namen the Finnish - American lon, a hard race. Sahlin, of the arg Athletic Club, is a jumper from the national trainer expects fine , as he has a record of 45 feet for between the same second of 45 feet for hop, step and jump. Wide Nuddls, the Jota Athletic Club, is the fastest in that country, having a mark of for the distance.

ition to these, Hjertsberg has ers, a high jumper, who has cleared her at 5 feet 2 inches, and Aberg, a Jumper, with a record of 23 feet and All of these stars are to repre-busing at the 1916 Scandinavian ponsisips which are to be held at apponning which are to be held at apponning which are to be held at "ay. The former American trainer trand the opinion that there is no way for an Olympic meet until the overan war is ended, and he believes a such an event is fully two years off.

AIR SPRINGS END SHOCKS

stinghouse Invention Makes Riding More Comfortable and

Saves Tires

who are afraid of sudden shocks the who are afraid of sudden shocks is riding may now be enabled to enjoy motiling without such fear as a re-of the manufacture of the Westing-and a springs. These springs preserve sood which is in the original steel a risipment and adds elasticity. In the spring is the result of success-periments carried out by the West-base Company for several years. The a protong the life of the tires, is the car to make more speed, and intermeding all kinds of shock, pre-cessed

the by the Philadelphis man-Westinghouse Air Spring the local hemiquarters are at

Scene on Broad street, looking north from City Hall, any afternoon when the weather is good. Thousands of machines pass this spot every hour and the pedestrians are constantly being held up by the steady stream. During the rush hour, that is, late in the afternoon, when business men are driving home from their offices, the street is so congested that it is impossible to travel at more than a snail's pace.

THIS CITY OFFERS

DEALERS SEE NO CHANCE FOR FALL IN GASOLINE Heavy Decrease in Supply, Big Increase in

Automobiles and European War Are Given as Causes for Present Situation

the retail price as may come about being

upon the side of increase rather than decrease. It was pointed out, by one retailer, that

the logical law of supply and demand was the basis for the present price of 2 cents a gallon. Never before, he said, had the demand for gasoline been so great, with so large and steady an increase con-stantly rising all over the world. In the stantly rising all over the world. In the course of ordinary business procedure this alone would have a rising effect upon the price of any widely used article. Much of the present high price was due to the extraordinarily enhanced demand through the multiplication of automobiles and all other types of gasoline consuming en-gines throughout the United States, as well as the great number of automo-biles in use by the warring countries of

Europe. In addition to these price-increasing factors, there is at the present time a diminished supply. It is known that the oil wells in Texas and Oklahoma are supoil went in reals and containing are applying not more than 35 per cent. of what they were a year ago, and it was pointed ou that in one important Oklahoma field the production has decreased from 60 per cent. to 70 per cent. within the last 10 months.

On the other hand, and despite an admitted shortage, it is said that any mate-rial change in the price is a question of speculation, since at any time, in a hun-

dred places or more, new oil production may be developed. Constant drilling for new fields is proceeding at all times, and the precedent exists for assuming that new wells may be discovered before any shortage of supply over demand may become serious enough to cause a marked advance in the retail gallon price.

It is the opinion of gasoline dealers also that there is always a possibility that improvements in methods of refining crude oil will result in giving a greater yield of gasoline per gallon of crude. Experiments are being constantly made in this direction, and while very little, if In this direction, and while very little, if anything, is at present known of the prac-tical value of these experiments, it is predicted several of them have some foundation. Many efforts have and are constantly being made to produce satis-factory substitutes for gasoline, but as yet without any results of commercial value. While engines have been run with some of these substitutes. little four the co

value. While engines have been run with nome of these substitutes, little faith is as yot to be placed in their capacity to take the place of gasoline. Were a complete substitute found, it would necessitate a rebuilding of certain parts in gasoline, motors, which would preclude the sub-stitute's general use by owners of auto-mobiles for an indefinite time, since the expense of making the required changes would offset the question of gailon price

would offset the question of gallon price,

Philadelphia's Fifteenth Automobile Show

Location—Convention Hall, Broad and Allegheny avenue. Space—Nearly an acre and a half of space, requiring 150,000 feet of floor lumber and eleven tons of linoleum for covering. Duration—Saturday evening, January 8th, to Saturday evening, Janu-ary 15th, daily from 10 a. m. to 10:30 p. m., except opening day and Sunday. Society Day—Thursday, January 13th, when double admission will be

charged. Exhibitors—One hundred different exhibits. (The first automobile show held in America had 51 exhibits.) Makes of Cars—Sixty-eight different makes, of which 64 are gasoline cars, three are electrically propelled and one is a steamer. All are pleasure cars, on commercial cars being shown. The lowest priced car is \$395

cars -- no commercial cars being shown. The lowest priced car is \$395 and the highest \$6000. Accessories -- Thirty-nine exhibitors will show innumerable sundries and varieties of parts. Value of Exhibits -- \$1,500,000. Music -- Professor Snyder's special orchestra of 40 persons every afternoon and evening for show's duration, with "La Boksme" quartet for Society Day and instrumental soluists each evening.



Many Others

FIRST SALE AT SHOW

Accessories Plants in and Around Philadelphia All Enjoy Prosperity

iense is perhaps the most important city in the United States, offers, through its proximity to the sea, its unexcelled railroad facilities, its geographical position in relation to the rest of the country, and the fact that mechanics and workmen can here obtain the maximum of home comfort at the minimum of expense has unusual advantages as a centre for the automobile industry.

That this fact is significantly true is evidenced by the successful establishnent at Germantown and Allegheny aveues of the plant operated by the Biddle dotor Car Company, the only concern Motor in Philadelphia at present manufacturing purely passenger automobile.

The Biddle Company has been in exist-ence about 20 months, during 18 of which it experimented with the idea of its presi-dent. A. M. Maris, a Philadelphia me-chanical engineer, who was convinced that a stock car could be built and sold for \$1500 that would be equal in quality, endurance, mechanical construction and appearance to that of any foreign or domestic car sold at double and more than the price. than the price.

BIDDLE CAR'S SUCCESS.

In June, 1915, after passing the critical test of Mr. Maria' professional judgment, the first Biddle car was placed on the market. Demonstrating as it did, all and more than was claimed for it, the car met with instant favor, and since the first one was sold orders for factory capacity of 150 cars a year have been received. capacity received.

At present orders are booked to March 1, 1915, and the company is and has been for two months past without a demanstrat-ing car, so keen is the demans for their product. The company was able through

Couffy and an Page Tuenty-acres

PHILADELPHIA HUB FOR RADIATING THE HIGHWAYS

Eight Alluring Roads Invite Auto Owners to Take Short Trips-They Lead

to All Points

Philadelphia, with i eight great raliating highways and its historic and heautiful environs, is the best situated city in the country for short, interesting auto trips.

The roads, which spread out from Philadelphia and from Camden like the radiating threads of a spider's web, lead to all points of the compass, to towns and cities within a day's easy striking dis-Philadelphia, which in an industrial tance; towns and cities well worth visiting either because of . attractions they themselves offer or because of the beauty or historic associations of the sections

or historic associations of the sections through which the automobilist must guide his machine. No ther city can compare with it, au-tor illats declare. When a city like of for example, matches the Quaker in the number of its radiating auto-ie roads, other elements enter into question to make Philadelphis still reme. The automobile roads leaving inicago are bunched in a sector swing-ing anti-clookwise from almost due north to southeast, leaving bare and roadless

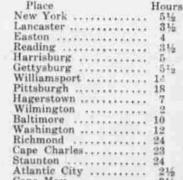
ing anti-chooswise from almost due north to southeast, leaving bare and roadless that vast sector formed by the jutting of Lake Michigan from the north and east. Des Moines, lows, with its seven roads, and Atlants, with six, lie in re-gions comparatively harren of interest. New York is cramped when compared with this city in the matter of automo-bile roads. bile roads.

and the saily in by lours by way of the made easily in by lours by way of the Bensalem pike. Another short trip, consuming about four hours, is to Easton, via the quainit section of which Quakertown is the cen-tre, and on through Bethlehem. Another route is through Boylesiown, almost due north, the latter part of the trip being over the famous Delaware River road, past Paxinosa Rock. Easton is figura-tively only a stone's throw from the far-tamed Delaware Water Gap. Harrisburg, with its capitol and its in-tervening stretches of pretty country, is within five hours by automobile. The Southers route is by way of Lancaster, Many prefer the longer journey, through Norristown, Reading and Lebanon, for in affords opportunity for these delabertal littig "side aneaks" to maces like Valley

affords opportunity for those delightral little "side aneaks" to places like Valley

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One-Day Motor Trips From Philadelphia



AUTOS HAVE MADE RURAL

Cape May 31/2

Horses, furthermore, are subjected to many ills, which make them unreliable, while any man who can handle tools can keep his car dependable by a little attention along normal lines.

Colorado Convicts Build Roads

One thousand miles of perfect rondway have been constructed by Colorado con-victs in the last seven years. Colorado hesan to employ convicts on the ronds in 1805 At first armed suards were used, but during the second summer the honor gratem was introduced and it is still in 1205.

and "currying" much the same as some prize animal. This is still further borne out by the attendants that futter about their charges jealously fearing that some will leave an alien thumb-mark on its spotless sides. As he flicks his chamois lowingly about the backs his chamois spottess sides. As he blocks his chamola lovingly about the car he turns his back disdainfully on the staring bystanders to show the bold red letterz on the back of his khaki coat spelling the name of the car for which he is "stable boy,"

MANY WIRE WHEELS

ANY For which he is "stable boy," MANY WIRE WHEELS Most of the cars on exhibition are equipped with wire wheels so that wooden spokes look out of style and en-ity undesirable. Another effect that most of the cars show in some form or or two extra persons it the same space formerly occupied by two. Most of the new styles have a space between the diver's seat and his corider's seat. The common method is to have a seat behind which is virtually nothing more than a recess in the other seats. The third per-son the strictches his legs or his knees or his feet, according to the length of he works and is to have a sout behind which is virtually nothing more than a recess in the other seats. The third per-son the strictches his legs or his knees or his feet, according to the length of he works are a souther are many inter-tion the statist. There are have in which he do features a roadster in which he do features a roadster in which he do features a coadster in which he do features a coadster in which he do features a coadster. The the do features a coadster is back there is poon for a folding seat which is is one of a seat which will hold two. In the space left by the seat set back there is poon for a folding seat which is is one of the dought he off the party. There is a beautiful Hollier done up in scrift which has pigsk seats for three. The andsome one is an olive green Cadillac, which has pigsk seats for three. The contaction is rec. to a degree. The Chalmers Company has a sporty-form built roadster, with a next khalk is p. built roadster, with a next khalk is p. H will seat three people, the dri-

looking buff roadster, with a next khast top. It will seat three people, the dri-ver's seat being slightly divided off from the broader seat for two by a slight pro jection.

PULLMAN COUPE IS DAINTY.

AUTOS HAVE MADE RURAL LIFE CASY AND PLEASANT
Farmers Find Car Really Cheaper Thun Horses
Mutomobiles have changed the suiter mode of living for the average farmer.
This was a humdrum existence step the arrival of the motorcar. Not only his instances but his noticit activities have in the strival of the motorcar. Not only his instances but his noticit activities have in the arrival of the motorcar. Not only his instances but his noticit activities have in the arrival of the motorcar. Not only his instances but his noticit activities have in the arrival of the motorcar. Not only his instances but his noticit activities have in the arrival of the motorcar. Not only his instances of arrivers' appreciation.
More than hilf the Owerland cars pro-fut and instance in a submetiation of pleasure never fails to human the arrival districts, and this is one of the inpact of bystanders. But ag one mate in the lights are turned on an elacup-tation of pleasure unver fails to human the shift have been diversed on a submetiation of pleasure never fails to human the arrival districts and the is is one of the inpact of bystanders. But ag one mate in the lights are turned on an elacup-tation of pleasure never fails to human the shift have been diversed on a submetiation of pleasure never fails to human the arrival districts is one of the inpact of the shift but when he dipace diversed in the the one and the shift have been diversed on the shift have been are inpact of human the shift he operactivities on the shift hour was noticed to be agreeding the shift hour was noticed to be agreeding on the shift hour was noticed to be agreeding which he atawes down in a butin matiling when he dimense area when he human have the shift he port was the inpact in a butin matiling the shift have agreed in another with a shift he inpact in a butin matiling when he human he in a butin matiling when he human he in a butin matiling when he human he in a human he human he human he human he human he human he in a human h

way. The effect is very halddonie and avery way artistic. It is the kind of a car going out io which is just like going out to a party in a dress will-one is out to a party in a dress will-one is out to a party in a dress will-one is out to a party in a dress will-one is out to a party in a dress will-one is out to a party in a dress will will the coups is set off by a most pleasing contrast of red white and blue cars ar-ranged all around. A coupe roadster that interests all balladelphans is the Biddle, where has been shelved into the rear room by and of space. Art, benidds that recolar seats, and the trans, where are us or graves in the rear, where are generally and the consecuted time is

Continued in Page Vaculpinguas

ble roads. The trip to New York, a popular one with motorists, some of whom use the automobile in preference to train, can be made easily in 5½ hours by way of the

Prominent gasoline dealers in this city | seem virtually united in the belief that the present high prices of gasoline will remain where it is, with such change in