CHARLOTTE DAILY OBSERVER, MARCH 8, 1908

ATEST NEWS FROM THE SPORTING W

All Around the Carolina Circuit

The days of "spring fever" have arrived, and in mx particular cities of the Old North and Palmetto State this means the "baseball fever." The old folks and the youngsters allke are beginning to talk about "our team" and what it is going to do this summer (win the pennant, of course). All around the circuit, from Greepsboro to Anderson, the manag-ers are likewise talking ball and get ers are likewise talking ball and get-ting together the men who are 10 onstitute their respective squade GREENVILLE'S LINE-UP COM-PLETE.

Manager Stouch, of Greenville, says that he has been careful as to who should have the privilege of signing a Greenville contract and be-lieves that he has a string capable of delivering the goods. All his pitch-ers have good records both in the

box and at the bat. Infielders Pressies and Earry are new men to Greenville, although the former is well known in the college game of a few years back when he 000 was with the Erskine College team. He was a fast man and a left-handed

hitter. He batted something like .353 with the Lincolnton team last season in 100 games. Barry comes from the Western Association and is considered A1 in baseball. The pre-diction of Manager Stouch is to the effect that he is to be one of the favorites with the grandstand and

Greenville had at the close of the season last year, is a great favorite in Greenville. He is fast, a hard worker and can always be counted upon to get a hit. The outfielders are likewise fast men. They all hit left handed and throw right handed. Taylor comes from the Eastern League and Au-buchen from St. Louis. Jackson was with the fast Greer aggregation last season and hit .398 in 52 games. Besides these Stouch has strings on Besides these Stouch has strings on two fast outfielders and two infield-ers whose names will be given out later

Laval, to the gratification of his many friends, suffered no injury from his operation during the winter. He is looking well, feeling well and coaching the Furman University team with his old-time vim and energy. Stouch is working his baseball students at Davidson, and Scott, who is impatient for the season to open, is selling meats for a packing concern to the city trade of Augusta,

"All the men have been signed and there will be no disappointments in their not appearing when the time comes," says Manager Stouch.

GREENVILLE'S LINE-UP. 22 102200-00 Catchers-Stevens, Wingo, Kelly Pitchers-Laval, Ham, Trib ble, Ware, McFarlin, Bock-witz, Forbes, Smith. First baseman-Scott

men,

The

there.

ANDERSON'S LINE-UP.

Catchers-Foley, Farrell Swink, Wood, Scoffenberger, Farrell, Pitchers-Renther, Retchz, atkins, Chapman, Rube Watkins, Waddell. Infielders -Hunruberts, Kuhiman, Corrigan, Poole, Meyers, Jackle, Rossiter, High-

Outfielders-Strump, Dob-

IN THE SPARTAN CITY. The Spartan City has a goodly number of its 1907 men for this sea-son and other recruits of equal renown are being added from day to day by Cariton Buesse, manager. diction of Manager Stouch is to the favorites with the grandstand and bleachers. Kendrick, the fast short which Greenville had at the close of the

> SPARTANBURG'S LINE-UP. Arm-First baseman-Benbow.

Second baseman-McKenzie. Shortstop-Martin. Third baseman-Watson. 000000000000000000

THE TWIN CITY'S "BLUES." The Winston-Salemites were very hopeful of getting the six Sumter players they had bargained for, and were greatly disappointed when they did not succeed; but Manager Robert A One-Sided Game of Basketball at Carter is on an expedition in the North and West signing a fast bunch. Special to The Observer.

He will report about the 15th the artists he has secured. Carter is a splendid player-man-ager. He can hold down any posi-tion on the lot. He has made a good Wake Forest, March 7.-In a rather one-sided game here last night, the sophomore basketball team defeated Littleton High School by record for the past seven years, play-ing with some of the best leagues of the West and South. He was for-merly with Omaha but for the last the score of 48 to 3. The visitors put up a poor game, showing very little team work, while the sopho-mores played a fast game, passing well and shooting goals eevery few

two seasons was with the Memphis, pennant winners and next to pennant winners, respectively. GREENSBORO GOSSIP.

Manager James McKevitt, of the Greensboro aggregation is back from a scouting expedition in the Northwest and has secured several good

The line-up was as follows: n. The Gate City fans are great-pleased that the season opens on

Allen and Carrick starred for the sophomores, making some beautiful shots from difficult positions. Freeman and McCullers guarded well also, Bridgers, H. C., shot the only goal for the visitors.

SOLDIERS PLAY BASKETBALL. Fort Caswell Team Meets Wilmington Y. M. C. A. Players in a Close Contest.

JESSE REYNOLDS, CHARLOTTE'S EFFICIENT MANAGER.

Special to The Observer. Wilmington, March 7 .--- In a fast

last night the Y. M. C. A. of Wilmington defeated a strong team from Fort Caswell by a score of 13 to 11. to J. E. Sullivan, secretary of the At the end of the second half the American committee on the Olympic score stood a tie, 11 to 11, but the local team won in two minutes of the play-off by adding.two points. The Fort Caswell team was in charge of Lieutenant McCleary, and a large party of the officers and soldiers at and Texas. Lieutenant McCleary, and a large party of the officers and soldiers at

the fort and their wives accompa-nied the players to Wilmington, re-turning to their homes this morning after a delightful trip. Last night the American champion wrestler had

Southern Amateurs Want to Hold Try-Outs for Olympia Games.

New Orleans, La., March *7 .- The Southern association of the Amateur Athletic Union, embracing seven States, to-night forwarded to New and exciting game of basketball here York a request for permission to hold try-outs here on May 9th for candidates for the Olympic sames next summer. The request was sent

'DOC''ADKINS' BOYS | MANAGER M'KEVITT **NEARLY IN SHAPE** SIGNS WESTERN

cd.

Trinity's Coach Will Probably An-nounce His Line-Up This Week-Hot Contest on For Three Impor-tant Positions-No Changes Made In Schedule as Published.

pecial to The Observer. Durham, March 7 .- Hard practice ontinues on Hanes Athletic Field, and when the Trinity nine is selected during the early part of the week there are all reasons to believe that the fortunate ones will have been amply tested for the different places for which they contest. Dr. Adkins, the efficient coach for the team, is working the men hard and knows how to handle them, too. He knows how to make them work, and all the latent talent of the many men who are trying for the team this season

of hiding and develop. An interview with Manager Daniel to-day revealed the fact that the team would in all probability be chosen and picked during the early part of the week, and the number of men to which Coach Adking will then have to give his entire attention will be considerably reduced. There are several places on the team which are being hotly contested for by several men-third, short and catch. For each of these places many men are working-all good men who ap-parently understand the game' well. But "Doc" Adkins, as the boys are beginning to learn to call him, knows how to discover a man and his abil-lty and will, of course, get the best man for each place. From all indi-cations the team this year will be up to the usual standard of efficiency, It is believed Trinity's "Blues'

will have a successful season. No changes have been made in the schelule and it stands now practi-cally as it did when published some weeks ago. The team will leave here some time about the 9th of April for a two days time is the South April for a ten days' trip in the South-ern States, where it will play some good games with some of the lead-ing colleges and universities. The manager has arranged a few more games for the home diamond than usual, and the local fans will have a good chance this season to enjoy

TAR HEELS WIN.

Southerners at Basketball by Score of 45 to 30. Down

The Tar Heels won a great victory in basketbail at the Young Men's Christian Association last night by defeating the crac_x Southerners in one of the hardest fought games of the season, thus giving them a strong-

er grip in the race for the trophy cup. A score of 45 to 30 was rolled up against the defeated ones, but they took the medicine like gentlemen and left the field realizing that they had been defeated fair and square. An interesting feature of the game was the excellent and accurate goal

goal

was the excellent and accurate goal shooting by Crowell, of the Tar Heels. His work in throwing foul baskets was very fine. At different inter-vals both teams exhibited good judg-ment in passing the ball down the field, and this feature added much to the backture of the second se

onde ond.

Elon Expects to Put Out This Her Best Team.

Elon College, March 7 .- Interest

Mr.

very

do not

games,

in athletics continues to grow as the

days go by and the time for the

but it is very evident that they ex-

seems to be prevalent that Elon will have the best team in her history.

a good percentage, and

first practice game draws near.

636 the tea mthis year will be a 600 creditable one indeed. They d 444 yet predict the outcome of the

pect to win

ome good ball.

is especially pleased with the out-look for the Greensboro team. He brought with him signed contracts with several fast Western players, will be given a chance to come out among the number being: Charles of hiding and develop. Adams, of Grand Rapids, who is to

work at the receiving end of the battery; C. A. Sisson, also of Grand Re-pids, said to be a crack outfielder; Kern, of the Chicago City. League, and Gleason, of the Wisconsin League, both of whom will play in the hor the box.

The Gate City Club Gets a Catcher and Outlielder From Grand Rapids and Two Pitchers—The Fans Not Pleased With the Schedule as Ar-

ranged-Grounds Being Remo

Greensboro, March 7 .- The arrival

of James McKevitt, who is to manage

the Greensboro team in the Carolina

League, has infused new life in the

baseball situation here. Manager Mc-

Kevitt is enthusiastic over the pros-

pects of the league with which he has cast his fortunes for the season, and

Special to The Observer.

The work of remodeling and enlarging the ball park has begun and is expected to be completed in two weeks. When the work is finished, the park will be an admirable one in every respect.

The Greensboro Electric Company is building a spur track from the Sumit avenue line to the park. This will improve greatly transportation facilities, which have not been altogether satisfactory heretofore.

The Greensboro fans are loud in their condemnation of the Carolina League schedule as arranged by Mike Finn, of Little Rock, and say its adoption would work untold harm to the league.

INDOOR MEET AT GEORGETOWN.

Washington, March 7 .- The feature of the tenth annual indoor meet and field games of Georgetown University. hell here to-night at Convention Hall was a two-mile relay race for the championship of the United States at that distance between teams representing Cornell and Columbia Universities. It was either teams race until the last lap, when the Cornell runner

gradually pulled away from the lumbla man and won by about yards.

A one-mile relay race for the championship of the South between teams of the Universities of Virginia and Georgetown was also a star event. Virginia won easily.

F. Smithson, of the New York Athletic Club, in the 50-yard hurdle race, broke the American record of 6 3-5 seconds held by W. Steffens, of Chicago. Smithson's time was 6 1-5 sec-

Princeton with a score of 26 points. won the cup for the college, scoring the most points, Central High School, of this city, with 16 points, was see-

Special to The Observer.

"Manager Reynolds," says Tommie Stouch. "is a man with a keen and the Charlotte fans can bank on his having enough go to make the other five clubs keep hustling."

SOPHS DEFEAT LITTLETON.

the Baptist College, the Score Be-

ാമ (manager). Shortstop--Kendrick. Third basemen-Barry. Pressley Outfielders-Taylor, Jackson, Aubuchen.

00000000000000000 DOWN AT ANDERSON.

With Eimore D. Hines, former sporting editor of The Roanoke (Va.) Times, as manager and a big bunch of hefty players already signed, Anderson is anxious for the season to time for the opening of the season.

their own grounds and with a game with their old rival, Winston-Salem. city is a great baseball centre Freeman R. G... Moss (Beachboard) people turn out in and the great crowds to witness all games played At one college game (and (Williamson) Time of halves, 20 minutes. Umamateur games are not supposed to draw as big a crowd as professional battles), the Gullford²Davidson con-

pire, Crozier. test in 1905, there were 3,500 paid admissions. Everything there is

Danville has secured Brooksbank coming on in fine shape and the team will be put in trim in ample who was recently engaged by the Augusta manager.

Sophomores. Littleton. after a delightful trip. Last hight Carrick......L. F. .. Bridgers H. .C after the game the visiting team and building.

Burns Not to Fight Johnson.

London, March 7.--"Tommy" Burns, the heavyweight prize fight-er, to-day withdrew his deposit he hour. catch-can style. Gotch secured the first fall in 26 minutes and the sechad put up with a 'ocal sportsman as a forfeit to bind a match with out the match was entirely on "Jack" Johnson, the American negro pugilist.

An English court recently decided

that an automobile company that provided a chauffeur and garage for

a privately-owned car was responsi-

for the negligence of the canui-

the American champion wrestler, las The struggle for the trophy cup is night lost a handleap match to Joe

growing more intense as the games progress, and there is every reason to believe that the games will be close-ly contested until the end of the sea-Rogers, being able to throw Rogers but twice, the rules governing the contest requiring that he should down Rogers five times within an

The standing of the teams is as M. B. Murrow is proving himself a The men wrestled catch-asfollows Played Won Lost P.C. ager Pritchette are very hopeful that

Southerners 11 ond in 36 minutes. Rogers through-Tar Heels the Athletics defensive and often 'crawled off the *********** Mystle Five 10 3 7 At present the fight seems to mat to prevent being pinned down.

between the Tar Heels and the South- from the talks heard on the campus erners, although it is believed that among the students the idea also the Athletics will make a good show-ing if not secure second place.

Whitsett Students Take Much Interest in Home Paseball. Special to The Observer

Automobilist Whitsett, March 7 .-- Considerable interest is being taken in athletic matters now and almost every afternoon finds a large crowd on the ball grounds. While the school does not put out a traveling team against other schools, there is none the less A fine of from \$10 to \$500, or im-jof the peace of East Greenbush, N. interest here in the games which are being constantly played between the classes, societies, various boarding houses, etc. In fact, a great many more take interest in the games now

NEW ORLEANS RACES New Orleans, March 7.-The Carnival

350

stakes for 2-year-olds, \$1,000 added, was won at the Fair Grounds to-day by Marse Abe, after he had been given a close race by Brougham. Marse Abe was favorite at 7 to 20. Notter rode three other winners to-day.

First race, i furlongs: Sea Swell, 7 to 20, won; Elizabeth Harwood, 3 to 1, sec-ond; Pocotaligo, 40 to 1, third. Time, 148 2-5.

Second race, 51/2 furlongs: AJ Muller, 8 to 1, won; Toy Boy, 6 to 5, second; The Bear, 6 to 5, third. Time, 1:064-5.

Third race, 6 furiongs, selling: Escutscheon, 8 to 5, won; Miss Strome, 5 to second, Hannibal Bey, 15 to 1, third, Time, 1:133-5.

Fourth race, 4% furlongs, the Carning I stakes: Marse Abe, 7 to 20, won: Brougham 6 to 1 second; Irrigator, 7 to 29. third. Time, :55 2-5,

Fifth race, mile and an eighth, handicap: First Premium, 5 to 1. won; Alms, Dufour, 7 to 5, second; Yankee Girl, 6 to 5, third. Time, 1:54 1-5.

Sixth race, mile and a sixteenth, sell-ing: Donna, 12 to 1, won; Teo Beach, 7 second; Convolo, 12 to 1, third. Time, 1:47 3-5.

Seventh race, mile and avventy yards, selling: Belle Scott, 2 to 1, won: Delphis, 20 to 1, second: Artful Dodger, 5 to 1, third. Time, 1:451-5. 1.0

SHORT SPORTS.

Pitcher Sparks and Second Base-man Knabe, of the Phillies, are holding out for more money. The holding out for more money. 7 latter's modest request is \$3,600.

Spring football practice at Vanderbilt began this week.

The Sally League moguls are thinking of getting Wilson Mat-thews, who won the pennant for rivers and creeks in the South, "Often the water washed over our big 26-Charleston last season, to umpire this summer:

Tom Brown, formerly an umpire of the American League, has been secured to act in this capacity for the Southern League.

Earl Holt, who has been playing first for Lynchburg, has been moved behind the bas. He has made a fine first sacker, but his splendid head work and strong arm can be of more service at the receiving end Bentley goes to right field in order to keep him in every game for the batting.

batting.

Well, Rather. Montgomery Advartiser.

The ' Charlotte Observer join dvertiser in wishing for leader will lead Democracy in the right rection. "The gass who led Depocor into the Slough of Despond." It as 'might at least have the grace welcome rescuers." Wonder it T will lead De

Indianapolis manufacturers and dealers have joined forces to hold a Motorists from all over the coun-jexhibitors reported doing excellent show from March 16th to 21st.

No account of fuel consumption nor of the troubles will be taken in the Irish reliability trials, to be held May 11th an 26th.

During 1907 there were 17,302 pleasure gasoline cars manufactured in the United States and 5,000 steam and electric motor vehicles.

Sheffield University, England's fa mous educational institution, has es-tablished classes for automobile owners and chauffeurs.

Two Philadelphia playhouses have established a line of ten motor 'buses to carry patrons free to and from the theatres nightly.

At a cost of \$600,000, the county of Luzerne county, commissioners Pa., will build a paved highway across the county, 26 miles long.

One of the 1908 models carries a folding seat over the footboard to accommodate the chauffeur when the owner of the car wishes to drive.

Automobile coal wagons of threeton capacity, the boxes of which are tipped by the 18-horse power motors which drive them, are in use at Ber-

A motor truck, with a capacity of six large hogsheads of wine or other liquids, has been put into service by owners of extensive vineyards near Paris.

Dry

The first endurance contest it ever cal speed regulations. has held and a series of gymkhama games, are being arranged by the Automobile Club of Hartford, Conn., for May 18th.

A Pittsburg chauffeur who ran into and wrecked two vehciles recently was sent to the county jail for 30 days. and fined six and a quarter cents a police magistrate.

A screw so worn as to fail to fit storage tightly in the hole for which it is in-tended may be enlarged by sawing gcross the end and inserting a small visions. of metal as a wedge.

try will attend the hearing on the business Federal Automobile Registration, bill, now before Congress, before the House judiciary committee, on March 12th. The efforts of the Manitoba farmers to rush a bill through the Legislature governing automobiles has resulted in the formation of a motor war. league with headquarters at Winnipeg.

The German Reichstag has been asked to require a chauffeur to drive a car 10,000 kilometers, about 6,210 miles, under the eye of an official observer, before he is granted a license

In a single hour on a recent afternoon while the streets were covered with ice, 63 per cent, of the vehicle which passed through a much travel-ed block on Broadway, New York, were motor-driven.

One of the cars in the New York to-Paris race is carrying flanged wheels for use on the Trans-Siberian Railway, a permit to use the tracks having been obtained from the Russian government.

To advance the interest in touring and to assist motorists who do not tour, the Automobile Club of Ameriac, New York's great organization, has added subscription membership to its Bureau of Tours.

The Indianapolis Commercial Club has asked its city council to require drivers' license of all automobile op-erators, revokable for drunkenness, disorderly conduct or violation of lo-

Hiram Maxim, widely known as the inventor of the gun bearing his name, claims to have devised a new motive power to lessen the expense of driving automobiles, motor beat and

other high-speed engines. One of the automobile measure

now before the Massachusetts Legis-lature amends the law relative to the storage of explosives and inflam-mable fluids so as to exempt gasolin power. fanks 'in' automobiles from its pro

The windom of the Cleveland deal M. J. Budlong has resigned as gen-eral manager of the Association of Licensed Automobile Manufacturers, to connect himself with a Detroit company that builds motor cars.

The Quaker City Motor Club, of Philadelphia, has organized a volunteer corps which has offered its services to city, State and national gov-

ernments to quell riot or insurrection, the Secretary of State. or even to repel invasion in time of The positive refusal of the Park

successful membership contest Board of New Haven, Conn., to allow has been inaugurated by the Wash-ington, D. C., club. The club has been divided into two parties and the automobiles to enter any of the parks

of that city has knock'd out the plans for a hill-climbing contest off-er during the local denters' show. party which brings in the most new members will be banqueted by the

In accordance with a proclamation by the Mayor of Savannah, the banks and commercial exchanges of that city will observe as holidays March 18th and 19th, the dates of the race feur. In other words, that he was carnival of the Savannah Automobile the company's servant, not his tem-Club.

losers.

porary employer's. Thomas Cale, delegate to Congress Germany's new war nutomobile in armored heavily enough to with

Iaws.

from Alaska. Is most enthusiastic over the New York-to-Paris race, destand rifle or shrapnel fire at 1,000 feet and carries five men and a gun that will carry 22,000 feet. Weighclaring that if the contestants get across his Territory it will mean much to the most northerly possesing 7,000 pounds, its motors will drive it 45 miles an hour over good sions of the United States.

rough country. When two heavy draft horses recently falled to move a load of coal up a hill at Aurora, Ill., a motorist drove up with a two-cylinder car,

ordered the horses unhitched and, the fact that they have collected over with his automobile, readily hauled \$4,000 in fines from \$00 motorists in the coal to its destination.

The latest thing in the competi-tion line has been arranged by a Paris newspaper. A number of cars are to be disabled in the same man-

nor and the man who first remedies the trouble and succeeds in getting a car going will be awarded a prize.

attachments. The force as well as closes the valves without springs and the rapid revolution throws off the hot air without the use of fans or other An Italian newspaper is arranging for a race of motor boats from Havre to New York, to occur as soon as the New York-to-Paris automobile con-

testants reach the , latter city. The idea is to establish a record for an around-the-world trip by motor cooling means.

According to an official report of the Federal Department of Agricul-ture, the automobile has displaced 69,000 horses in the United States, and breeding has failen off to such an extent that there never has been a stronger demand for farm animals than at present.

prisonment of from ten days to one Y., who imposed the maximum pen-year, or both, is provided for viola- alty possible whenever he caught a Victim have obtained their revenge tion of any of the provisions of the by bringing a chance against him motoring law now before the Rhode Island Legislature. The license of an offender also may be revoked by than when they were under the mer management with all the inter-

Braking by means of the engine is at times particularly desirable, clares an expert. The regular set of brakes with which a car is equipped are, of course, sufficient to hold it on

Yet, this continued uso then sandpapered off the varnish from the smooth edges and high places, leaving those exposed and easily, reached portions in bright aluminum, while the less exposed which not only wears the brakes but which will be held March 1sth to tends to burn them out. 24th, or later in the spring.

portions remained coaled with the France as racing startor and a fa-miliar character at the Grand Prix, who recently resigned "rom the ser vice of the French Jock sy Club, is in reality an Englishman. He is riously fat and ill tempered, but the French take him so humorously he has started all races at Paris for the past 25 years.

Fred J. Swenzel, of Brooklyn, enaged to take charge at Cheyenne of the Italian car in the New York to

world at 13 on a saining vessel, has fought in the Philippines, has trav-eled extensively in China and Japan and has had a wide experience with motor cars. Anxious to compete in the present race, he offered his serroads and 30 miles an hour over

Routes for this year's Glidden tour ave been suggested by the Greater tation of Charlotte, N. C., and by th Louisiana Automobile League. Th The mer would have it run from Cleveland down through Kentucky., Ten-In a new motor the cylinders re olve around the shaft, thus distens ing with the heavy flywheel and its attachments. The motion lubricates

recent official census

The secret of proper brake adjust-ment is to so set the laver or pedal that when back to 'ts full extent the bands shall not drag back on the bands shall not drag back on the furums and that when the bands are fully appplied there shall yet be an appreciable amount of clearance be-tween the lever and the noor moard or the end of the segment.

Motorists who suffered from the motorphobic tendencies of a jurfee which are practically impossible to

est in a winning team. clean thoroughly. He first coated the surface with varnish, harmonizing with the color of the rest of the car any decline. generates a large amount of heat,

"Old Figges," famous throughout

sasily washed varnish. Paris now has an American taxi-meter automobile driver, William Klumpke, of New York, and his machine, a 30-horse power affair, is the most gorgeous and largest vehicle for public hire in the French capital. found the car too expensive to keep for more pleasure." he says, "and I think the job of motor courier is

good enough for any seutseman."

Paris race, made a rip around the world at 13 on a sailing vessel, has R. H. Johnson, a member of the touring committee of he American Automobile Association, who recently completed a tour of 2,004 miles from New York to Savannah by a gircuitous route, passing through ten States, tells of some sensational fording of

Officials of the township of Middietown, Bucks county, Pa., glory in vices free. the fact that they have collected over a little over a year. Recently they induced the county supervisions to recommend that the Peousylvania Legislature enact still a ore drastic

heatee and Georgia, returning through the Carolinas and Virginia to Washington Baltimore, Philadelphia and New York, while the latter would have it start from Denver and end at New Orleans.

A recent official census showed 115,618 motor vehicles in the United Kingdom. Of these 61,617. were pleasure automobiles, 4,124 commer-cial or traction machines and 53,577 motor cycles. The number of licensed drivers totaled 205,604 and , nearly 14,000 more pleasure vehicles were registered in 1907 than if 1966.

inch wheels," he says, 'and several times our burner was extinguished." One of the most scathing rebukes ever delivered is contained in a reso-lution recently adopted by the Camden, N. J., Automobile Club condemn-

ing the Frelinghuysen aw, of which it says: "It permits justices and constables to enter into conspiracies whereby they may waylay the trav-eler whether tourist or citizen, and, under the protection of the law, take from him large sums of money for

the mere gain of statutory fees.

In a new system for using denatur-of alcohol as fuel a receptable con-taining calcium carbide is attached between the carburettor and the in-take, so that each charge of air car-buretted with diluted alcohol is drawn through the carbide in its pas-age to the engine. In this way some of the water of the alcohol combines with the carbide, forming - a little acatylene in the mixture, which, when compressed and fired, burns almost exactly like gasolite.