

GRID STUFF IN BASE BALL

Wilbur Robinson of Dodgers Will Diagnose Opposition Just as Foot Ball Coaches Do.

PLANS ATTACK FOR EACH CLUB

Foot ball coaches look far ahead in planning up their teams for certain opposition. Since ball managers, as a rule, plan an attack and defense of a universal kind that will carry them through. Against some clubs their system is terrific, against others it crumples like air castles.

Have Versatile Attack.

When the Dodgers go on the field next year it will be with a versatile attack. Every player of the enemy will be diagnosed, dissected and discussed. The Pirates loom up, for instance, as a team to be feared in certain respects.

Inside base ball has made major league playing possible for drawing big crowds. Managers work out intricate signal systems, the same as in foot ball; they have their plans laid before the game, but usually they depend on the pitcher warding off the advance while the fielders open up with the forty-two-centimeter attack.

Seven Systems Planned.

"Pick the weak spots, then hammer them out of existence." That is Robinson's scheme. Robbie knows the methods of most of the National League managers, and knows what their general system is. In the training camp next spring he will begin driving into the brains of his athletes the best way to counter when the opposition advances.

Of course, the ability must be back of the system, but from the form displayed by the Dodgers during the last season, Robbie is in position to send his lumbaria into his system to back up the theoretical dope by an exemplification of ability.

Dr. Starr to Study the Origin of the People of Japan

(Correspondence of The Associated Press.) TOKIO, Nov. 20.—One of the outgrowths of the coronation of the Japanese emperor is a renewed interest in the origin of the Japanese people and in that connection the arrival here of Dr. Frederick Starr of the University of Chicago, to resume his studies of the anthropology of Japan is receiving much attention.

While in Japan Dr. Starr will live the life of a Japanese. He contemplates paying particular attention to photographic work in an effort to round out his already large series of pictures illustrating the life and culture of the island empire. He will continue his study of the Buddhist sects and will visit the most important Shinto shrines that he has not seen; he hopes also to complete his investigations of Japanese symbolism, upon which he has been engaged several years.

Oxford Debates on Safety of Europe

(Correspondence of The Associated Press.) OXFORD, England, Dec. 18.—The Oxford Union, the debating society of the university, has decided by a vote of 29 to 21 that the annexation of Germany does not require the suppression of Germany from its place as a first-class power.

The question, as it was proposed for debate, was: "Resolved, That Europe will not enjoy a secure peace at the end of this war if Germany remains a first-class power." The negative argument included the assertion by a Magdalen college student that it was impossible to crush Germany.

REGULAR FOOT BALL PUTS RUGBY GAME ON THE BLINK

SAN FRANCISCO, Cal., Jan. 1.—It is considered almost certain that the effort to establish the game of Rugby on the Pacific coast will be dropped. There has been too much first-class American foot ball out here during the last season. The spectators generally seem to enjoy the truly American style much better than the game that was imported.

National Open Golf Champ



JEROME TRAVERS.

BRITONS WANT A NEW STAFF

Demand Being Made that General Staff of Army Be Reconstructed.

THEY LIKE GERMAN MODEL

(Correspondence of The Associated Press.) LONDON, Dec. 16.—When General Sir Ivor Herbert asked Premier Asquith in the House of Commons whether any steps had yet been taken to reconstruct the general staff of the army, he expressed the popular impatience of the country over this question, which is worrying civilization as well as military men.

British Tradition.

The policy of the British staff heretofore has been in accord with British tradition and British prejudice, to give all possible latitude to the commander, trusting him either to succeed by his genius, or at least to muddle through Wellington's comparison of his own campaign to an improvised harness made of rope, easy to patch up, and Buecher's to a perfect set of harness which depends

Bob Hedges Rivals C. Murphy in Running Up Fortune in Base Ball

Robert Lee Hedges, retiring president and owner of the St. Louis American league club, is one of the men who made a fortune in base ball, beginning with the proverbial shoestrings. Hedges is a native Missourian. He was born on a farm near Kansas City in 1860, and began life as a clerk in the recorder of deeds' office in Kansas City. When he was 25 years old he went into the business of manufacturing buggies. With the advent of the automobile he abandoned this business when the abandonment was good and embarked on the turbulent base ball waters.

for success on not breaking, still holds true to a considerable extent, or did in the earlier stages of the war. Professional soldiers have long advocated a general staff on the Teutonic plan for Great Britain, just as they have fought for conscription. Their professional bias leads them to believe that the empire's safety and power demands the military system. But the mass of the people, on the contrary, are content with a small army of subordinate influence in time of peace, backed by a militia system. They accept the staff idea either as a war measure or because they have only a vague idea of its meaning.

EBBETS ANNOUNCES THE DODGER PRE-SEASON CARD

President Ebbets of the Brooklyn club, after a consultation with Manager Robinson announced he had selected his pre-season dates as follows: March 21 and April 1, in Washington; April 4 and 5, at Ebbets Field, Brooklyn, with New York Americans; April 7, 8, and 9, with Boston Americans, at Ebbets Field, and April 10 and 11, at Ebbets Field, with Philadelphia Athletics.

DISCOVERS HOW TO TREAT BULLET SKULL WOUNDS

(Correspondence of The Associated Press.) VIENNA, Nov. 20.—The local newspapers express the greatest satisfaction at the award of the Nobel prize to Dr. Barany, one of Austria's most prominent surgeons, who has especially distinguished himself during the war by the discovery of a new treatment for skull wounds that has been wonderfully efficacious.

CHARLEY WHITE THROUGH CHASING FREDDIE WELSH

NEW YORK, Jan. 1.—Charley White has announced that he is through chasing Freddie Welsh, as he is sure the champion has no intention of meeting him in a battle to a decision. None of the promoters in the twenty-round centers seemed to have a very high opinion of that match, as was shown when the bids were opened recently.

Make Hoffman Manager.

The Durham club of the North Carolina league has engaged as team manager for next season, R. C. "Dutch" Hoffman.

Most Indians Signed.

Byron Kirke, Ben Egan and Terry Turner are the only Cleveland Indians who have not signed for next year, according to President

CATAPULTED TO SAFETY

Armored Cars for Protection of Locomotive Crew at Time of Collision.

NOVEL IDEA FRESH FROM TEXAS

"The engineman and fireman stuck to their posts," or "the engineman and fireman jumped." The account of virtually every railroad wreck contains either one or the other of these statements. The mental struggles, all the more acute for their brevity, which lie behind these statements are overshadowed by the magnitude of what follows. Yet to the engineman and fireman they often are the beginning and the end of all things.

The chances are that training and instinct, as well as sense of duty will keep the engine crew at its post, yet many a driver of the "iron horse" has gone to his death by following his instinct, when conditions were such that sticking to his post could not have prevented the accident and when he had a chance to jump and save his life.

Comparatively few engineers ever are called upon to make such snap decisions, but as sure as the sun rises and sets a certain number of them are forced to every year, and no man can say that he will not be next when he takes his engine from the roundhouse. It is a useless sacrifice of two additional lives for the crew to stick to the cab when the accident cannot be avoided. It is likewise a dereliction of duty for the two men to jump when, by sticking to their posts they may avoid, or lessen, the seriousness of the accident.

How the Car Works.

The principle involved is that of an automatic bit of mechanism which relieves the engineman and fireman of the responsibility of making the decision. In the event of impending disaster the simple pulling of a lever does everything that the men could do by sticking to their posts, and at the same time automatically and instantaneously without necessitating any further action, even the moving of a muscle, on their part, provides them with a better and safer method of escape than that of jumping.

Danger appears ahead. Each or either man pulls his lever, and the mechanism closes the throttle, applies the brakes and sand, extinguishes the fire, then reverses the engine. Simultaneously the engineman's and fireman's seats drop below the level of the cab floor, into heavy steel cylinders, heavy lids drop over them and lock, and the two men, neatly "catapulted" into padded receptacles, are thrown wide of the tracks to either side of the speeding engine.

It makes no difference whether the drums in which the men are tightly inclosed fall into the water, or whether an engine or a car falls on top of them. In the first case the drums float. In the second they withstand the weight or are pushed aside.

Under the Lid.

The apparatus is not bulky, and by fortuitous chance can be attached to the engine in a manner which does not in the least inconvenience its operation. The drum is about three feet in diameter and five feet in length. It is lined first with a layer of springs and then with a layer of pads. It is attached vertically beneath the floor of the cab, in which a hole has been cut the diameter of the cylinder. The engineman's seat, which is part of the apparatus, rests on a platform which fills this space, and which falls to the bottom of the tank, carrying the seat and its occupant with it by a tug on the emergency lever. Inside is a small oxygen tank, containing sufficient gas for one man for twenty-four hours, and the falling of the lid opens the charging down of the cab, to allow the proper flow of oxygen to refresh the air as it is used up. In addition the occupant will find an electric flash lamp and a life preserver for use in case his drum has been thrown into the water. And there is a small emergency medical outfit as well.

As the tank is released from its fastenings above the weight is thrown on to steel arms which extend diagonally downward and inward to their hinged connection with the frame of the locomotive. As the weight falls, therefore, the outwring of these arms throws the tank wide from the engine.

Mr. Utts is a practical railroad man, and the value of his invention is apparent when it is known that it is not a mere theory, an invention on paper, but that it has been tried out repeatedly under human conditions under as severe conditions as could be arranged, and each time with perfect success—Philadelphia Record.

NOTED SCIENTISTS SERVING IN TRENCHES

(Correspondence of The Associated Press.) LONDON, Nov. 20.—Lieutenant W. L. Braze, who, jointly with his father, Prof. W. H. Braze, F. R. S., has received the Nobel prize for physics, is serving with the British forces in Flanders as an artillery expert. The third scientist who is associated with the two in their researches into crystals and X-rays, Henry J. M. Moseley, was killed by a sniper's bullet in Gallipoli.

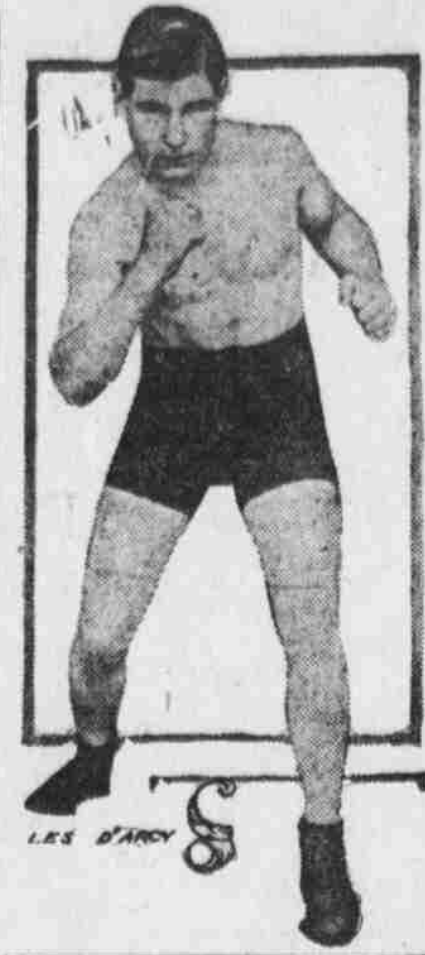
YOUNGSTER WHO WON AMATEUR GOLF CHAMPIONSHIP.

(Correspondence of The Associated Press.) LONDON, Nov. 20.—Owing to active recruiting, the shortage of men in the labor market has become more acute and has greatly increased the demand for women and young girls as substitutes. Practically everyone capable of working, says the Board of Trade Labor Gazette, has an opportunity of being employed, and it is evident that still larger numbers of women and girls not previously employed in trade and industry are required in many occupations.

PACIFIC COAST LEAGUE GIVES OUT ITS SCHEDULE

The Pacific Coast league's 1916 race will begin on Tuesday, April 4, and close on Sunday, October 22. Opening games will be Portland at San Francisco, Vernon at Los Angeles, Oakland at Salt Lake.

Pug Leaders at Their Weights



LES D'ARCY

THREE STARS IN PUGILISM

Jess Willard, Johnny Ertle and Benny Leonard Put Life Into Box Fight Game.

FIRST TWO ARE CHAMPIONS

NEW YORK, Jan. 1.—At least three bright stars have arisen in the fistie firmament this year. The first of these was Jess Willard, who won the heavy-weight title from Jack Johnson last April. Willard is not exactly a newcomer, but he was not generally recognized as a high class boxer until he downed Johnson, and his days as a real star date from that event.

Johnny Ertle, who won the bantam-weight championship from Kid Williams in September, was the next luminary to appear. Although many persons choose to doubt Ertle's right to the honors, owing to the fact that he won on a foul in a no-decision bout, no one who has seen him in action doubts his ability.

The St. Paul midge is perpetual motion in the ring. He is not what is generally termed a scientific boxer, although there is nothing crude about his work. Instead of using the regulation faint, jab and follow with the right, he keeps his fists flying like the blades on the wheels of a ferryboat. His class shows in that no matter how fast he hits he knows exactly where he is going to land and overlooks no openings.

Leonard to the Front.

Benny Leonard, the Harlem lightweight, is the most noteworthy addition to the ranks of the stars. Leonard is scientific, with speed and skill far above the ordinary. His advent as a star dates back but a few months. Last spring he failed to make a good impression in bouts with Johnny Kilbane and Johnny Dundee. At that time he was prone to clinch at every opportunity, and although he showed a cool head and a good defense, he lacked hitting ability. His extreme caution and harmless work seemed to indicate that he never would become anything more than a very good defensive boxer, or, in other words, a second rate.

Puts Mandat Out.

At once he began to obtain results and in his last few bouts his hitting has been effective enough for all purposes. He stopped Gene Moriarity in three rounds, pounded Joe Assevedo until that rugged Californian was on the verge of collapse, and last week put Joe Mandot down and out. Leonard still is a mere youngster and is sure to continue improving for years to come, so that there seems to be no limit to the heights he may obtain if all goes well with him.

ENTER THE WAR ONCE MORE

This Time Big European Conflict Puts a Crimp in Billiard and Bowling Promoters.

SENDS PRICES TO THE SKY

This great war going on over in Europe at the present time has worked financial havoc in two sports—billiards and bowling. All the ivory used for the manufacture of billiard balls comes from Africa, while the dyes used in the manufacture of mineralite bowling balls come from Europe. Both are hard to get, hence the increased prices.

Chinese President Called Fisherman of the Hang River

(Correspondence of The Associated Press.) PEKING, Nov. 4.—President Yuan Shih-kai fancifully styles himself the fisherman of the Hang river. His country home is on that stream at Anyang, in the province of Honan, about 300 miles south of Peking. It was there that he spent his three years of enforced retirement before the outbreak of the revolution. In his hours of leisure he amused himself with photography and took many pictures of the various scenes about his country home.

Shortage of Men For Labor Acute Because of War

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