Keep Your Eye on the Garage Man. Getting good work done on your car is a problem. I have been up other day something was said by me against it at times when I have been about power farming. too busy to do anything on the machine myself, and I know what it is. trouble I believe I am as good as the part of the car which I have no tools to fit and cannot afford to get them for what little work I have to do, I

high-priced and unreliable garage get it started again for about an race. workers. There are a good many hour. It used to be all right and Gottobed is no name to smile at, hazardous as their marvellous air efficient men who fix automobiles, only went to the bad recently. I had for it is a variant of Cuthbert, which journey across the Atlantic. and there are a lot more who work Bud Simpkins, who works at George means "war-bright," and the first

town about ten years ago which does which, and that I would have to buy a "resolute hostage." Devil is merely no advertising, and no one would a new engine." know it was there except by hear- "When an hour has passed can you try, and bears no relationship to Hellsay. I found out about it, and had start it again without any trouble?" man, whose ancestor was a Helier, or some work done and liked it. I have I inquired. sent others there. I am going there "Goes off like a pet lamb," replied Christian. within a few days for some valve- Bill. grinding. This man says he gets "Looks as if the gasoline feed-pipe enough to do without advertising. I might be clogged," I suggested. "Let's He entered; and the sunshine seemed look at it."

Looks as it the gasonne reed-pipe of second place in a great sporting look at it."

Capt. Alcock and Lieut. Brown sat look at it."

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Capt. Alcock and Lieut. Brown sat look at it." mission. He worked nearly a day on We went out to the shed where the As if the room, from eyes that beamed chester and return, which awoke many Englishmen to the realisation shop. He fixed it again, and found the real trouble. I asked him what I was to be charged. He said it was his fault, and no charge, of course.

There are probably such men in your town. They usually own their own buildings, and do not bother with gasoline sales. That takes time from a regular garage man, and does not operation took about fifteen minutes. With sympathetic tenderness;

portunity to get first-class work done period and did not show signs of stopby a good man for less money-the ping. It was evident, therefore, that private chauffeur. He often has time we had hit the trouble. The engine on his hands, and is an expert in would simply run till it used all the most cases. Perhaps he has room gasoline in the carbureter and then Refreshing sleep, a breath's span long, for another car, and usually the stop because it could not get fuel owners do not object to his making a enough. The pipe was not entirely That romped in radiance, lilting song little on the side so long as it does stopped, however, and enough gasnot interfere with their own driving oline would seep through in an hour

Bill's "Hit-and-Miss Engine."

While over at Bill Morgan's the cal was no knave, but a man who

"Talking about farm power," said Bill, "I've got one of the blamedest engines you ever saw. I call it 'hitand-miss engine,' and the miss is so much in the majority that I guess I'll have to get a new one."

"How does it act?" I asked.

am ready to take the job to a garage "Well, I can start it up all right," and the Buggins and Boggs, if they Bill replied, "but after it runs about did not come over with the Conqueror, dered much valiant service before I have found ways to get around ten minutes it will stop and I can't at least came over with some of his finally being brought down as prisonon your car to put in time and charge Watson's blacksmith shop, to come Gotobed was probablly a warrior of few Pritons at George Incans war-bright, and the first down and look it over, and he said it fame. Miggs is a synonym for A small garage started up in our was spavined or windbroken, I forget "strength"; and Wildgoose signifies

it on the first turn. True to his word, it ran about ten minutes and then stopped. We disconnected the gasoline feed-pipe and made an examina-As ferns that swing, a fretting screen tion. Sure enough, it was almost completely stopped up near the tank outlet. We washed it out thorough- And, tender as a child's caress ly and then reconnected it. The whole

We again started the engine and Besides this there is another op- it ran on past the regular ten-minute I felt that I could sleep; and closed to again fill the carbureter bowl.

DIVING BELL INVENTED BY SPIDER

It was claimed that the diving bell | from being washed off when they enwas invented by a spider. At least, we ter water and so the air sticks and I know that, soon, my song I'd sing, are certain that if it was not actually water cannot approach. invented by him it was used by him | Scientists are acquainted with many

made one for the same purposes, level at any specified depth and of and leaves.

will build a little house of waterproof hermetically seals up the cell and silk held fast by strands fixed to leaves the youngster to its fate.

But the method of getting air into their houses in perhaps the most petive acts of animals. Their abdomens are so made that a bubble of air can be caught underneath them. This the naiad does, and swims to his house with it and turns it loose in the airy structure. The process is repeated several times until the little house is full of air. Of course the open end of this house is down and this has to act also as the entrance to it. In the little water house the spider spends the winter and rears its young. The house also acts as a lair from which the spider can jump on unsuspecting a chaperon?"

Another peculiar thing about naiads is that they never get wet. They have thousands of small hairs on their bodies which hold and keep the air

And hear the litanies of Spring long before our hydraulic engineers other insect engineers but with none that approach naiads in intelligence The diving bell is, as is well known, and skill. The water beetle is proba cup shaped body with open end ably the only other one in their class. down which is let into the water. The It builds a waterproof nest under air is caught in the bell and keeps the water but does not live in it. It merewater from rising beyond a certain ly lays its eggs in the nest, seals it up

course allowing any one inside to The Mason bee, as its name implies, breathe and act as if he were on dry is a builder of structures of stone and land. The improvement of the diving mortar. The nest is attached to albell known as the caisson is a huge -most any solid structure and actually pipe which has compartments, into does consist of small stones cemented which air is pumped from above. The together with mortar. The house conspider's bell is filled more in this man. sists of many cells of oval shape, and into each an egg is laid. The cell is The name given to these little spi- lined with silken webs by the mother, ders is very appropriate—the naiads, which gets out of it by a hole in its of the family of Arachnida. A naiad top. Before leaving, however, she

neighboring blades of grass and stones several feet under the water. He comments of nature, as soon as he gets to it was find the pletes the entire structure before fill. left him by his mother he finds him.

If you find the rigors of the north- with a round ruddy face, and is sturdier wit

> A member of this family found in England makes its own bricks, selecting brown clay for the purpose, which it mixes with saliva, rolls into small balls, which soon become hard, and then cements them together. These pellets are as large as small peas and one bee has been known to prepare as many as one hundred and fifty in a single day.

Could Probably Go. "She seems a timid, flowerlike girl."

"Do you think her mother would allow her to go to the theatre without

"Why, I think so, my boy.

1.7.2.5.

Two asbestos mats together serve as a good flatiron rest.

WAR AIR VETERANS "If a party had a voice," to quote an unkind rhyme, "what mortal would be

ENGLISH SURNAMES.

was no poltroon, but a cow-herd, who

probably bore some resemblance to a

to scoff, is as venerable as it is re-

The air, that all night long had been

A fevered breath, became as cool

And cooled the scorching fire within.

My eyes in one long sigh of rest;

Like infants at their mother's breast

To heathered moors and brackened

Of joyous life to sun and sky;

Which gladden as they glorify.

makes the proverbial busy bee and the

equally industrious ant look like

Money Isn't Everything.

And calmly, for a moment dozed

Of shade, above a sleeping pool,

corrupted name he bore.

Bugg by choice?" And yet the pioneer BOTH HAVE HAD THRILLING EX-Bugg was a man of substance, who dwelt in a manor house, from which PERIENCES IN BATTLE. he derived his name. The first Coward

tended his cattle; just as the first Ras- Capt. Alcock Was First to Bomb Con-Stantinople-Lieut. Brown Fought lean stag or rascal; and the original

on Western Front.

Snooks hailed from Sevenoaks, whose The Vickers-Vimy trans-atlantic a Hobson, a name at which some affect tempt was a success because the er gines and the structure of the plane spectable, for we read of a Lewrie proved as reliable during the flight Hobbesune, a Suffock landowner, in as the men guiding the big bomber have shown themselves in the past. Both men have war records and

few Britons who could fly before the outbreak of the war. His knowledge of aviation made him exceedingly valuable as an instructor, when Britain, unprepared, set out in 1914 to build up an air service to repel the roof-maker, and probably a good raids of Zeppelins and big German biplanes. Capt. Alcock, who was born Benevolence, their warmth had many Englishmen to the realization

that flying was a fact and not a theory. When war flamed out Capt, Alcock became an instructor at the army flyand daring in the air soon won for him His fingers touched the burning skin section. At that time "stunt" flying had not been so greatly developed, but it was realized nevertheless that a Capt. Alcock's risky task was to teach chine gun, ammunition. etc., the chine gun fire of the enemy.

Designed a Fighting Plane.

And sometimes came, from voice or transferred to the Turkish front, Even with one engine out of comwhere he was the first man to bomb mission the Vimy-Vickers could "limp" An influence that seemed to swathe | Constantinople. Light scout planes along at seventy miles an hour. Cap-The soul with hope; like sunset skies were not furnished the aviators on tain Alcock, before starting, firmly exthis front, so Capt. Alcock designed pressed the opinion that his plane and built a high speed fighting plane. could finish the flight even if one enspendthrift as he scatters his wages trips over the Turkish lines in a heavy the machine is exceedingly stable. Its the main spar of the lower planee, food and for llighting purposes. everything, but one thing is absolutely middle of December, 1918.

tivated through life, will not desert chines during the war convinced him tal as well as his physical exertions. of ten hours. the friend who has cultivated him. that the two engine type was capable When every human friend has fled Old of covering much greater distances Man Money sticks. You can start him than they had made on raids during the ocean by airplane is at present British lines and descended safely, aloff with five or ten cents a day in ear- the war. He expressed confidence distinctly a job for an optimist.

and is always ready for duty. He disposition.

size when you go to sleep and larger fulfills the triple duty of navigator, red to the Royal Flying Corps, where when you wake up. The older he gets wireless man and relief pilot on the he served as an observer. the stronger he becomes. If you are Vickers craft, is almost the physical Lieut. Brown very early had an opa stranger in a large city, with no opposite of his companion, although portunity to show his nerve in the air. broken and he was badly cut. earthly friend to call upon, Old Man both are quick thinking and quick act. While making observations over the Money opens the doors of the best ing, traits picked up, or at least German lines the plane in which he he was transferred to a German prison a stout pole. With this the Indian, hotels and stakes you to the best the strengthened, by their experience in was flying was struck by a shell while camp and eventually was sent to Swit- with the temperature thirty degrees the war. Lieut. Brown, who was born at a height of 8,000 feet, more than a zerland. In 1917 he reached England. or more below zero, patiently digs But money isn't everything at that. In Glasgow in 1886, is quiet, slimly mile. The explosion set the plane on For the remainder of the war he was through the ice. built and sharp of features. His com- fire without bringing it down. While occupied in technical work for the Besides whitefish and pickerel, the Among all the women of European plexion is dark and his eyes gray. He the pilot shot the plane toward the Air Ministry. drove a supply wagon in France dur- royalty none has traveled so widely resembles his chief in that he, too, is British lines Lieut. Brown fought the as Queen Mary of England, who has of a cheerful disposition. Indeed, all flames in midair, battling to prevent visited every continent, with the exlantic may be described as constitution or lantic may be described as a constitution of the inflam. will ception of South America, and almost linearly optimistic for the spanning of mable wings. The plane reached the full pay till the day of his death

ALCOCK AND BROWN Vickers - Vimy, Successful Trans- FISHING IN THE Atlantic Airplane, Was Built For Bonibing Berlin.

Both the Vickers-Vimy and the The motors are Rolls-Royce pro-Handley-Page machines were con- ducts, as are those of all the other structed in England during the war British contestants. They are of 350 with a single object in view, to rain horse-power each and are generally bombs upon Berlin with the frequency believed to be the most reliable Briand terrific destruction that the Ger- tish airplane motor at the present mans had hoped to reach in their Zep- time. They spin the great four-bladed

as bombing planes, great cruising the four-bladed propellers is ten feet, standing supplier of food range, heavy weight carrying capacity, five inches.

of the Sopwith was 46 feet 6 inches. which he headed eastward. The plane, like the Australian's, is a land machine. Capt. Alcock and

ing school at Eastchurch. His skill side of it, mounted between the wings, ice away from the petrol gauge. tractors.

Gasolene Instead of Bombs.

Equipped as a bomber, with a crew pilot must know how to manoeuvre his of three men, a bomb load of 1,146 plane skillfully and intricately to con- pounds, 470 gallons of gasolene and fuse his opponent in an aerial battle. other military material such as a mathe young cadets these aerial acrobat- chine weighed 12,500 pounds and could ics, hazardous in themselves, but pos- fly at 100 miles an hour. The weight sibly the means of avoiding the ma- of the armament and bombs is now used for the great gasolene supply necessary. Both the gunner's cockpit, behind the wings, and the bomb rack Later in the war Capt. Alcock was have been replaced by great tanks.

ly life and keep feeding him that the Vickers-Vimy plane would Lieut. Brown's interest in aviation, were burned off and he himself suf-

cally Anglo-Saxon. He is fair-haired, pany, which is now associated with fighting plane ing it with air—as if he knew that the self supplied with tools hard and sharp tap Old Man Money on the shoulder, cheerful and gives absolutely no symptom to department of which built the big homber in which they fly and If you find the rigors of the north- with a round ruddy face, and is sturdi- Vickers, Ltd. This is the great Bri- fighting plane. and he hies you to Bermuda; if you toms of temperament that sometimes big bomber in whinh they fly, and are sick another tap on the shoulder haunt fliers as well as prima donnas. which entered the machine in the Lonbrings you the best nurses and special- He is never addressed by his friends don Daily Mail contest. When the ists the world affords. He's an agree- except as Jack, for the formality of war began Lieut. Brown joined the able old man, never disputes orders John does not fit his joyful, easy going university and public school training corps. After some training he be-Observer in Royal Flying Corps. ment and went into France with this came attached to a Manchester regipikers, for he never rests. He's one Lieut. Arthur Whitten Brown, who outfit in 1915. Later he was transfer-

pelin raids on the British capital. propellers at the rate of 1,080 revolu-Their outstanding characteristics tions per minute. The diameter of

reliability and swift speed, made them The engines are built with a stream- valleys along the lower stre almost ideal machines for the trans- line casing fitted about them so that the river would either have to move to atlantic flight, toward which the eyes, they offer the least possible resist- the coast, go further inland of British flying men turned when the ance to the great rush of the plane the headquarters of the river or die of necessity for bombing Berlin was past. through the air. The radiators, just starvation. The Vickers-Vimy, although over- behind the propellers are octagonal. Fishing goes on the year around

shadowed by the huge Handley-Page, The great bomber had its trial flight the Yukon. The summer catch of sal. in turn dwarfs the little Sopwith in in Newfoundland on June 9. At that mon is far the most valuable, but the which Harry Hawker set out to blaze time Capt. Alcock said his plane made winter ice fishing is most picturesque the North Atlantic trail. The Vickers- 112 miles an hour, although this, of and gives the Indians variety from Vimy wing spread is 67 feet, while that course, was not with the full load with what would otherwise be a steady diet

· Lost Wireless Apparatus. Lieut. Brown took the same chance generating current for the wireless different localities, but the more as did Hawker, with the exception apparatus soon after the start pre- portant methods described my travel that in their case they had two engines | vented the men from communicating | lers are practised between Anvik and to rely upon and did drop their land- with the shore. When it happened, Tanana. ing carriage and wheels as he did. On Lieut. Brown noticed that the propel- While the ice is still thin holes are

board containing all the oil, gasolene, would have turned back had I known." Toward the end of Noovember the air and engine speed and altitude Weather conditions were very bad annual migration of eels up stream gauges in front of them. The cockpit during the trip and Lieut. Brown had takes place. Fishing for them is one is just in front of the wings. On either to climb from his seat to clear the of the picturesque and often exciting

are the two Rolls-Royce engines, with The two aviators said they were great river. their spinning, invisible, four-bladed only once in real danger, when the As the eels are able to move but the machine was moving. Lieut, passed from village to village and needle was swinging from side to side them when they approach. was the first indication that something was wrong, managed to get Captain Alcock to understand the difficul- A large hole is cut through the ice ty. The machine traveled at a rate and as the eels swim across the holes pilot once found himself diving water. But little fishing gear is neces ed the loop. He says the machine short stick about five inches long. would have crumbled up had it touch- making a sort of capital "L." ed the water at the speed it was then

First Atlantic Postman.

bomber Capt. Alcock's engine failed inherent stability is such, it is said, were broken, but the steel construc-Then he reaches middle life, with and he was compelled to glide down. that, being fitted with a compensating tion of the fuselage saved the machine set until the winter is more advanced, old age in the foreground, vainly wish- He was taken prisoner and was held mechanism, it can be flown upward, from further damage. The two engines but when the ice is frozen thick the ing for the return of the misspent coin. until after the signing of the armis- downward or on the level without a ran smoothly throughout the flight, traps are set in favorable places along It may be true that money isn't lice. He returned to England in the hand on the "stick." In other words, and when the airplane landed there the Yukon and in the smaller streams

amount all through life, and in old age take him across and finish the flight in it is said, was first from an engineer.

Yation cruise Lieut, Brown's plane would it is said, was first from an engineer.

Yation cruise Lieut, Brown's plane to a point in the trap, leaving just amount all through life, and in old age take him across and finish the flight in you will have on your hands a rich old Ireland with both engines running.

It is said, was first from an engineer vation cruise Lieut. Brown's plane enough space for the fish to get gentleman, albeit a pleasant and high- In appearance Capt. Alcock is typi- ed with the British Westinghouse com- brought down an Albatross, despite

Accident Led to Imprisonment.

In November, 1915, Lieut. Brown get out in a squadron on a long dis- is made fast by tying it to stakes tance reconnaissance far behind the driven into the ice. It is taken up German lines. The carbureter of the every week or two, emptied and again plane went wrong in the air and the lowered into the stream. The waters plane was compelled to glide to the of the Yukon are very muddy and the ground. Brown was too busy destroy- fish cannot see the traps. The catch ing important military papers to brace varies from twenty to two hundred himself when the plane landed on pounds a week. Fifty pounds a week rough ground, and the crash landing to a trap is a good, average yield. jammed him so tightly into a corner | Traps are often set under ice that of the cockpit that he had to be cut is from four to five feet thick. The out. His thigh and one leg were work of picking out the hole is done

every country of any importance. | tionally optimistic, for the spanning of | mable wings. The plane reached the | full pay till the day of his death,

GREAT YUKON RIVER

CHIEF SUPPLIER OF FOOD IN THE ALASKAN REGIONS

Traps For Ice Fishing Set in Hotes Dug by the Patient Indian Blocks Five Feet Thick

The Yukon River is the

of dried salmon. Eels, ling, whitefist pickerel and other species are caugin The breaking away of the propeller | The methods of ice fishing vary in

post, that of chief of the "stunt" flying propellers in front of them acting as machine went into a flat spin owing slowly upstream against the swift to the pilot being unable to know how current, news of their approach is Brown, noticing that the compass the Indians are ready and waiting for

How Eels Are Caught. The eels swim just under the ice

of 140 miles an hour at times, and the the fishermen jerk them out of the straight toward the surface of the sary. The Indian makes a sort of ocean. He was so near the water that rude hook, consisting of a slender stick he had to "snatch" the machine from about six feet long, at one end of its dive so quickly that it almost loop- which is tied at right angles another

The fisherman passes the arm of the "L" under the long eel, jerks up quickly with the handle and the eel This is said to be the only plane built gine failed many miles from land. In rain-soaked letters which he had been the ice, where it soon freezes. The by a flyer on active service with the any event, he could stay in the air long asked to mail if the flight was success- day's catch is thrown into sleds and British forces during the war. It was enough to call by wireless for aid and ful, saying: "I am the first trans-at- taken to the village. The run lasts whilel harassing the Turks from the to hunt for a ship near which to land lantic postman, and I think that with- only one or two days, but in that time air that Capt. Alcock established a re- if motor trouble hit the plane midway in twelve months we'll have an aerial an expert fisherman often catches one He remained in the air seven hours Great strain was taken off the pilot In landing in an Irish bog the py- good for the table, but the eel is more "Money isn't everything," says the and flew 460 miles. On one of his in the long journey by the fact that lons of the centre section, as well as valuable for its oil, which is used for

certain. Old Man Money, if he is cul- His experience with bombing ma- pilot cannot, of course, relax his men- the tank, sufficient for a further flight something like a wire rat trap in construction, only much larger. They are from five to ten feet long and three or four feet high and cylindrical in shape.

The fish enters the trap, much like ever escaping.

Traps Catch 50 Pounds a Week.

The trap is set with the current and

"Pill Boxes" as Cafes.

A Belgian Farmer who has returned to his shell-shattered fields near Poelcapelle has solved his own particular housing problem by converting an undamaged "pill-bx" into a temporary home for himself and family.

"Pill-box" was always an unfortunate and misleading term for these concrete forts. Nearly all were rectangular and contained four or more large rooms Very little work would be necessary to turn them into comfortable and everlasting homes Some near Boesinghe are already being fitted up as cafes, in anticipation of the tourist parties which will throng the battlefields as soon as passport and travel restrictions are relaxed

Pie chimneys- to be had in most china shops for a few cents will often save milk from boiling over. The chimney should be placed in the centre of the saucepan of milk.

—John Ruskin.

British Governme

THE GAR

Wonderful Irriga

den"- he followed t which as herein na The Euphrates (kn) to-day) flowed throng of Babylon. The Gill

kay between Egypt an Restores Forme

enjoying themselves. Each and lonely, gobbles his for

One is preoccupied with h his backless stool; and yet where he earns the food w now eating with so little ap

But we Yankees who eat it so much to eat as to get the ing. We are so busy earning leisure that we can spare no enjoying them. We scare ment. We are always gettl

"What was the result of the asked the Sunday school "Mud," replied the bright y pieces of velvetee splendil polishing cloths-fi ture, lilver or plated article Chinese keep oggs fresh

ping long distances by coat

