The Fan as a Military Defence.

Who invented the fan? Eve, said the interested during the war in the probessayist, when she fanned herself with lem of expelling poisonous gas from a palm leaf; Venus, declared the poet, the trenches, from dugouts and from Oliver Wendell Holmes, when she de- hollows in uneven ground, where it nuded one of her doves, a fan-tailed lay long after the attacking wave had pigeon, of his plumes;

I'll make it beauty's pet and pride, The goddess spoke, and gently strip-

And bound the glossy plumes to-

fan in the Orient, an attribute of both stead of gas, was quickly expelled. science, and scientific herself, was ventilation.

passed over. She discovered that the "My bird, I want your train," she proper way to use a fan is not to wave it about, making the air undulate "Come, don't let's have a fuss about over a wide space, but to bring it down sharply from the perpendicular to the horizontal, driving the air be-And you'll be better off without it." fore it in steady puffs and setting up a he determined to yield to an impulse fresh current from behind. On this simple principal she constructed the

The Ayrton antigas fan is not more Her bird of every caudal feather; than twenty inches square, is con-A strand of gold-bright hair she clip- structed of light material, and works on the hinge-and-spring principle. It was used by the British troops during the last months of the war, and the A pretty fancy and a charming fan, soldiers gladly testify to its effectiveeven if we cannot accept Venus's off- ness. The inventor has given public hand assurance that he poor, submis- demonstrations in London with glass sive dove would be better off without models of dugouts and tunnels, from his tail. But, whatever its origin, the which smoke, which was employed in-

sexes, has belonged, down all the ages At one of these demonstrations, Mrs. of Occidental civilization, to woman Ayrton, with a three-inch fan, sat at alone. "Woman's weapon," it has one end of a six-toot table while smoke been often called-a dainty weapon, was poured down from a funnel at the wielded only in wars of gallantry be- other end. The action of the miniature tween the sexes, to be sure. It has fan not only dispelled the fumes but taken the great war to reveal the fan quickly gained such control over them as a thing of serious military value, that the current of air set up prealthough not as an aggressive weapon vented the smoke from coming out but as an important means of defense of the funnel. The use of this antigas against one of the most subtle and fan in cases of accumulated sewer gas hideous perils of the newer warfare. has also been crowned with success, This fan, so different from the pretty the fan in this case being applied at plaything of elegant ladies, was in no the manhole. Her ideas are being appoet's fancy, but in sober fact, the in- plied in factories, motion-picture vention of a woman. Her name is theatres, mines, and wherever noxious Hertha Ayrton, and she is English, gases are generated, and they may Mrs. Ayrton, the widow of a man of even revolutionize our whole theory of

To His Mother.

It was at Rouen that he decided to do it. Sitting in the quiet and comfort of the Y.M.C.A. hut, he reviewed the possibilities of the next few days and found them decidedly grim. His outfit was to go straight into action, and that until now be had always resisted. He would write a farewell letter to his mother in case he should fall,

His mother was a widow, and he was her only son. It seemed like giving 1 to death to write this letterlike signing his own death warrant. Yet if he should fall, there was one thing he wanted his mother to know. Slowly, and with infinite difficulty, he wrote his message.

should know it.

great love to me, I have always res- tain his confidence in life. a clean soul to God."

slept that night he determined, on his thy mother!" knees, to resist all gloomy forebod-

A week later orders came to his bat- | Said to be the largest in the world. talion that a strong German machine- and 400 miles in width, a new oilgun post must be captured. A Com- field has been discovered in Western politely inquired. pany was given the task, and failed. | Canada. C. Company, our young here in command, was ordered to take the gun.

officer was standing one day in the production

It Is Not Easy.

To apologize. To begin over.

To admit error. To be unselfish.

II To take advice, To be charitable.

To be considerate. To keep on trying,

To think and then act.

To profit by mistakes. To forgive and forget,

To shoulder a deserved blame, BUT IT ALWAYS PAYS.

Only one passage concerns us, and trenches. Snipers were busy, and he its glory is such that all motherhood had been seeing that his men were not carelessly exposed at any point. "Dear Mother. One taing especially Wearily he leaned against the back I want you to know. Yours has been | wall of the trench. Suddenly came an an unhappy life. Let this bring you impulse to move his position. He could toy. Your wish has always been my not explain it; nevertheless he obeyed law. When I left home for business and swung around on his elbow. Ping! seven years ago, you told me that you A German bullet sank into the wall wished me never to drink, gamble or in the very spot against which his swear. It was wise of you to use that head had rested. So the days and college. word 'wish.' Just because it was not nights went by with escape after

have never tasted strong drink, ed home. Never will he or his moth- friends in Toronto. The city directory liers; and the hotel bars and canteens at your speech. joy and pride. When they knelt to-The letter was closed and sealed gether in overwhelming gratitude it

Through a hail of bullets they swept copying English patterns, and send- questions. Indignant denial was the allowed in the book trade that on one a lass and lad. ing lace to Great Britain to sell at first attitude. Then slowly came the occasion were happily illustrated by A month went by, and the young twenty per cent. less than the home admissions. She had cashed the check Mark Twain. One day while the hum-

Solving the Secrets of the Sea.

than the British Association exists of good farming land, and only a be- been a station master at the place book," said Mark Twain, "it would anywhere in the world, yet among the ginning has been made as yet. The that was robbed. papers that fill the program of its an- oyster business, the lobster business | Miss Margaret little thought, when fifty per cent. discount." qual meetings there are always some and the salmon business are almost she wrote her name on the wall, that | The clerk bowed. He could not deny that have a wide popular and prac- the only departments of the great in- she was laying a trap to land her it tical interest. At the latest meeting dustry of fishing in which anything friend and one of his chums in prison. the address of the president, Prof. W. has been done to make the supply per-A. Herdman of the University of Liv- manent. All the other important fisherpool, was devoted to oceanography, eries of the world-the cod, the stura subject on which he is an authority; geon, the mackerel, the herring, the and although the paper touched the halibut, the swordfish-have been conscientific imagination in pointing out tent to trust to luck and to go on de- tagious disease is well illustrated by The clerk took out his pencil and the immense field for study in the pleting a natural supply that they have Charles L. Leland in his "Have You figured industriously. Then he said city the centre of a fertile farming rivalry the work where money is coming from to pay chemical, geological and biological done nothing to increase or even to a Strong Will?" He cites the case of with great obsequiousness, "As near story of the oceans and ocean life, it | maintain. also dwelt upon the very practical mat- As an illustration of the important who recalls a personal experience, as book and about thirty-seven and oneter of the food that we get or could secrets that the sea may hold, the follows:

Herdman would do is to make some were taken south of Nantucket in 1879 can be cured by a glad exhibaration of kind of census of the oceans, as a and were at once declared by the spirits. It happened in the year of the basis for calculating how much food United States Fish Commission to be war, 1807, when a pestilential fever they can be made to yield and what an excellent food fish. For two years broke out, that I had to attend many laws can be agreed upon for the pro- or so they came to market in con- who were ill with it. And one morntection of fish. It is evident from siderable quantity. Then, in 1882, the ing I felt that I had every symptom history and geology and archaeology schooner Navarino sailed for two days of the disorder-giddiness, mental that man has always got a consider- and a night through water the surface dullness, weakness of the limbs-every able part of his food from the sea, yet of which was covered with dead tile- sign that I must suffer for many days it is the one field in which, with un- fish to the estimated number of 256,000 before the malady would break out. important exceptions, he has estab- to the square mile. For a long time But duty commanded, and others suflished no individual rights and done no tilefish were caught; then, a few fered more than I. I determined to go no productive work. On land he has years ago they began to reappear and through all the morning's work as multiplied the gifts of nature a hun- are now plenty again. Men of science usual, and to enjoy a midday dinner dredfold and improved them in quality believe that the cause of the disaster to which I was invited. At this dinas well as in quantity; but what na- was a sudden shifting of the Gulf ner. I gave myself up as much as I ture gives him from the sea he has Stream and a replacing inflow of cold could to merriment, drank intentiontaken in its casual form and quantity, water from the Labrador coast, but ally more wine than usual, went with

change. It has been proved that an or hast thou walked in the search of spiration, and rose in the morning area of the sea can be made to yield the depth?"

One of the things that President The first of the species to be caught established case of contagious illness The future is likely to see a great entered into the springs of the sea? home, went to bed, had a profuse per-

and the worst is yet to come



The Handwriting on the Wall.

The trail that leads to a thief is from The Recollections of a Police such stringency was emphasized by Magistrate in the Canadian Magazine. an explosion that wrecked a dozen A railway station at a small town in magazines near the compound of the Ontario had been robbed and, besides Victoria Mining Company three years some money, a number of express before Mr. Gardner F. Williams asorders and railway tickets had been sumed the management of the De

orders was cashed in Toronto by a explosion: woman who signed her name as "War- The shock was felt from Dutoitspan smile of recognition to the woman who hundreds of feet into the sky. was getting the money. It was easy The magazines were dashed to Of course, when Courting Days are ning in the home or the school, when pillaged the place thoroughly.

to call on all the addresses. The first from Cape Smoke to Heidsieck and "By gum! You look A1 to-day!"

"Is Miss Margaret --- here?" they

man answered.

"That is my name." It was a shock to the inspectors, but German lace manufacturers are they proceeded quickly with their

story of the tilefish is worth recalling. "I, myself, am an example that an no one knows surely. "Hast thou an artificially excited fever to my

A Terrible Explosion.

The strictest precautions are necesoften tortuous, but that identification sary in storing and handling the exsometimes hinges on the most trivial plosives that are used in the diamond | life and understands the use of circumstances is illustrated in a story mines of South Africa. The need of Beers Company. In his book, The Before the numbers of the stolen Diamond Mines of South Africa, Mr. orders had been reported one of the Williams describes the result of the

cription of the woman but remembered of the camps, and terror-stricken peo- good for women, also men; and if honest effort to make good.

the wall of the cloak room of the Central Company's offices, a distance Dud. other a black.

A Thrifty Book Lover.

for a young man with whom she had orist was connected with a publishing the railway lines they laid down in put up here, sir," replied the little attended a country school many years house he went to a bookcase and, that country. before. She led the way to a lodging picking up a volume, asked the price. house in a near-by street, where the He then suggested that, as a publishinspectors captured two men and er, he was entitled to fifty per cent. seized the rest of the stolen goods. discount. To this the cierk assented. No more distinctly scientific body, a greater income than an equal area One of the men a year previous had, "As I am also the author of the appear that I am again entitled to

"And as I am a personal friend the proprietor," Mark modestly continued, "I presume you will allow me Illness Cured by Merriment. the usual twenty-five per cent. discount? If so, I think I may as well The power of the mind over con- take the book. What's the tax?"

the celebrated physician, Hufeland, as I can calculate, we owe you the half cents."

Your World Power.

Would you be at peace? Speak peace to the world. Would you be healed? Speak health to the world. Would you be loved? Speak ove to the world.

Would you be successful? Speak success to the world. For all the world is so closely akin that not one individual may realize his desire except all the

world share it with him. And every Good Word you Peace, Health, Love, Joy. Suc-Including yourself.

Silver Fox, Diamond of Fur Trade.

The silver or black-silver fox is a had then demonstrated that it was color phase of the common red fox possible to rear these very valuable found nearly everywhere in Canada, animals in captivity, so they bought Silver foxes bear the same relation to a few more wild foxes from trappers red foxes that black squirrels do to and continued to breed them. This gray squirrels, or black muskrats to fact they kept a dark secret from all brown muskrats. Through selective their neighbors; in fact, they did not breeding in captivity, the silver or even tell the immediate members of silver-black markings have become their families. After a few years, fairly constant and good animals re- when the number of foxes had inproduce true to type. In the typical creased, they killed a few and shipped silver fox, black replaces the red of them to London to the big auction the ordinary fox, the result being a sale of furs. So cautious were they beautiful black fur overlaid with a about the natives knowing their busisprinkling of silvery white guard ness, that they sent the skins to marhairs. Between the ideal silver-black ket from different stations and re- Belgium during the early days of the fox and the red are all grades of ceived word of the results of the sales war and has undeniable proof that crosses, which, of course, are less telegraphed in code. The prices re- the looter, who, although poor, was valuable than the true silver blacks, ceived evidently were so high that the living on the proceeds of a sale of yet worth many times the cost of the fex farmers showed signs of great valuable tapestries and the contents The silver or silver-black fox was long before the "closed corporation" which had been buried in the garden the first American fur animal to be was broken and the neighbors also be of the chateau, Count Jean d'Andigne,

domesticated permanently. Back in gan to raise silver foxes. 1894 a trapper on Anticosti Island near In the early days of the business as was astounded by the discovery, early Prince Edward Island, caught a pair high as \$31,000 per pair was paid for in November, that the peace treaty of beautiful silver foxes which he sold breeders. Prices slowly declined until has not left a possibility of punishing to Charles Dalton of Prince Edward the end of the war, 1918, but since the marauder. Island. He kept them on the Island then they have steadily advanced until The plunderer, a man named Roem. one year and they would not breed. foxes for breeding now sell all the er, appeared before a Paigian court to He then turned them over to a Mr. way from \$600 to \$2,000 apiece, and it give testimony, and after listening to Oulton who took them to Cherry is estimated there are more than 4,000 his weird concoction the judges found Island. Oulton was the only inhabi- of the animals on the Island. on the island, and the foxes, not From Prince Edward Island the inbeing disturbed, raised the first pair dustry has spread into New England, officer paid without a murmur. The of silver foxes that ever were reared Michigan and Alaska and into all of Count's story of his losses and his in confinement. Dalton and Oulton the provinces of Canada.

A Good Companion.

Lessing says: "The most agreeable of all companions is a simple, frank man, without any high pretensions to an aggressive greatness; one who loves it; obliging, alike at all hours; above all, of a golden temper, and steadfast as an anchor. For such a one we gladly exchange the greatest genius, the most brilliant wit, the profoundest

"Let's Praise."

should abound.

a short time two years before. She atoms as if by myriad hammers, and past we fly the flag of love half-mast! | This unfavorable judgment makes latter's identity. He told his visitor could not remember her name, but cartridges were scattered far and wide If Susie makes a ripping pie, or an impression on the plastic mind of how he dug up the chests of riches. promised to try to recall it. A few through the debris, exploding in vol- fries a crisp potato, don't eat your a child that lasts through life. A boy Whether the Count became excited at

remembered something of the girl and the camp there was a startling break- and Tenses. No! Tell her that she this belief so undermines his ambition duce the former officer. pected it. From that day to this, I Soon after the armistice he return- thought she had been staying with age of windows, lamps and chande- looks a peach, and watch her sparkle that he gives up attempting to excel Roemer appeared at Mayence for

Dear mother, don't grieve if I fall. I letter. She had shed many tears in had a Margaret, and it was a Marg- call dynamite cocktail, a liquid com- on a Crutch, or dies of sheer starvabelieve in Christ, and I shall go with life—but never such tears of perfect aret that was wanted. It was decided posed of every liquor under heaven, tion, when all we need is just to say:

one was that of a house showing signs Pommery. Witnesses of the explosion | So easy! Yes, so easy that we let and dispatched to a friend, to be sent was as if they heard a Voice saying, of wealth and responsibility. It hard- thought that hundreds of people had it drop unthinking, and get to giving tors touched the bell, and almost im- miraculously, as it seemed, only two winking, whereas if we would pracmediately a refined-looking young wo- persons were killed, one a white, the tice Praise, a week would hold Seven And it's the same with kiddles, too, not believe in oursives.

you Fathers and you Mothers. Just praise 'em up for what they do: don't leave it all to others. A Bit of Praise There are some singular discounts from mum or dad has bucked up many he paid a small newsboy for his paper, "that you are putting up a good many new buildings in your

France bought from the British all town." "That is the only kind we

fellow, with a touch of civic pride. Co-operation and "Elbow Grease"

his life is a failure.

that achieves.

necessity for good roads. That the need is a vital one has come to be accepted without the possibility of

To-day nobody argues about the day, and employer and employees alike contributed their fund of "elbow

"I see," remarked a gentleman as

At seven o'clock on the appointed day the teams sallied forth by way of question. And here is the story of automobile and truck to their reshow one community approached the pective areas. Naturally, the mascu- which eats into the very marrow of problem—a story in which others may line element predominated, but many one's being, like the money-worry, the wives accompanied their husbands, worry about the wherewithall to exist. In this case it happened to be the and greeted them at noon with lunchcouncil of industry in a small Western es more than welcome to famished they can stand almost any other sort town that first took the matter up. The appetites. Under the impulse of of trouble better than to worry about city, the centre of a fertile farming rivalry the work progressed as paid household bills and to keep the family and ranching country, and of late labor might not have done. There going. years a large oil centre. Appreciat- may have beeen slackers; if there Where there is a very small salary ing the need of better roads, and real- were, they were in the minority. By and a large family and the parents

for such demands, the local council Was it a success? Well, consider cently, and to rear to be somebody of industry evolved a plan. Briefly, the results. A good many miles of and after there is sickness and the this was to name a certain date as road smoothed and leveled, culverts little earnings have dwindled, the "Good Roads Day," and to issue a call repaired and crossings improved, the savings gone, it takes a lot of stan to every public-spirited citizen to de- chuck holes filled in and boulders re- ina and character to keep one's courvote that day toward the improvement moved; for the city men, a quantity age and poise. of healthily tired muscles, a supply of This plan found ardent supporters, blisters that were displayed proudly and the day set was June 22. Adver- as badges of honorably discharged ing picture theatres, attended by tisements contributed by the two service, appetites such as many an 750,000 daily. daily newspapers asked for one thou- office worker seldom enjoys; for the sand workers to report for duty with farmer, the consciousness that the tools, a generous lunch and unbound- next time he had occasion to make the the United States will ed enthusiasm. Captains were ap- trip to town, either by car, or with threads of any desired hue, the colorpointed, definite areas assigned, and team or truck, he would find roads ing matter being inserted into the as the volunteers appeared they were that were roads in something more silkworm's food. assigned to certain teams, their indi- than name; for farmer and city man vidual preferences being consulted alike, a solidarity of feeling, a renewwherever possible. By mutual agree- ed community loyalty that will con- storage dam in the world, the Gouin, ment the stores and business houses tribute much to future enterprises. of the town and several of the surwhile? Try it in your Quebec, with a capacity double that

BELGIAN COUNT HAS NO REDRESS

GERMAN OFFICER PLUN-DERED HIS CASTLE

Heirlooms and Wealth All Gone; No Provision for Punishment of Thief.

Although he possesses the signed confession of the German officer who prosperity. At any rate, it was not of several coffers of silver and gold member of a noted Belgian family

punishment impossible, but assessed subsequent efforts to recover at least part of his wealth is typical of what Something the Matter With has happened in scores or instances since the Allies decided to take only a limited number of German chiefs It is a terrible thing to go through before the Leipsic tribunal. life with the conviction that some-

Betrayed by His Servants. thing serious is the matter with you, When the war started the Count was that you are inferior in some way to in Carlsbad and succeeded in reaching these about you, that you lack certain France, but the rapid enemy advance ability or certain qualities which are cut him off from his chateau. The necessary for great success, or to Germans pillaged the ancient estate make your life count for very much, of its works of art with the conni-To drag through the years with the vance of former German servants, who belief that there is something wrong had discovered the wealth hidden be-

with you, that you lack ability to do hind false walls in the celland the thing you long to do, or that you | As soon as the armistice was signed have a serious handicap, physically or the Count decided to try to obtain jusmentally, that you are peculiar, queer, tice, but justice proved as fleet in the or inferior, takes the edge off your chase as did the German maranders. endeavor; it mars your peace of mind | While searching in the official records Let's praise each other now and and happiners; it deprives you of the the Count learned that Col. Keller, who ren." The teller could not give a des- to the farthest limits of the west end then, and not be always blaming. It's satisfaction which should come from is now working in a town hall in the that another young woman, who was ple rushed out of their houses to see they would be aiming at making Life There are multitudes of people who at the chateau when it was pillaged. also at the wicket, had given a little a vast heaving cloud of smoke rising a pleasant round, in Compliments it have such convictions about them. The latter admitted taking several selves. They often have their begin- souvenirs, but said that a subordinate

to find the second woman, but she pieces, as the Kimberley papers re- on, before the happy Wedding, our a child is told he is a dunce, a good- Roemer, safely ensconced beyond proved to have no recollection of the ported, by the terrible power of the words all show how much we're for-nothing, and will never amount to the Rhine, agreed to recount his war person wanted, except that she had explosives. In most instances the gal- "Gone"; they're soft as feather bed- anything—that he can't learn like experiences to Count d'Andigne at a attended business college with her for vanized iron was broken into tiny ding; but when the Honeymoon is others, can't do things like others. time when he was not cognizant of the hours afterwards she was still unable leys or in scattering blasts for many dinner with a sigh, and look as grim will grow up convinced that he is be- this point is uncertain, but Roemer did to recall the name, but she remember- minutes after the explosion. One as Cato, but tell the lassie that it's low par mentally, that there is some- not reveal the present location of the ed having seen the girl write it on large stone was thrown as far as the Good, not let her think her ple's a thing the matter with his mind, that plunder which disappeared from the he hasn't the ability of others about chateau and the Count was unable to of two miles, and smaller ones to the And when Maria trims a hat, don't him, and that, no matter how hard continue the conversation until after At the spot described the name was west end, three miles from the maga- grumble at expenses, or in the fire he may try, he will never get ahead or the German officials of the Departa command, but the anxiety of your escape. Still he struggled to main- found. The principal of the college zines. In the most distant parts of goes all the fat, and there are Moods amount to anything much. In time, ment of Justice were ordered to pro-

in anything. His whole character be- interrogation and signed a confession gambled, or sworn, or done anything er forget the night when—after much was next consulted, but of the five were so heavily pelted that the floors In short, we're chary overmuch of comes affected by this unhappy con- that he had taken the property, but else I felt you would be ashamed of. thought—he handed his mother that families of the name in the city none were swimming with what we might due appreciation, and so Love hobbles viction of inferiority, and as a result persisted that he had reburied it in the woods several miles from the We can only do what we believe we chateau. He has returned there sevcan. If we hold in mind a cheap, dis- eral times, he said, but was never able creditable picture of ourself; if we to locate the exact spot.

doubt our efficiency, we erect a bar- The investigators were unable to to his mother, if necessary. Before he "Woman, behold thy son! Son, behold by seemed worth while, but the inspection of wealth and responsibility. It hard thought the determined on his mother, if necessary. Before he woman, behold thy son! Son, behold by seemed worth while, but the inspection of wealth and responsibility. It hard thought the determined on his mother, if necessary. Before he woman, behold thy son! Son, behold by seemed worth while, but the inspection of the power woman, behold the power woman was the power woman woman woman was the power woman woman woman was the power woman woman was the power woman woman was the power was the were unable to ascertain how Roemer We may succeed when others do not amassed his present comfortable forbelieve in us, but never when we do tune, although there was testimony from Commander Keller to the effect that he, in order to avoid punishmen for pillaging without permission, gave to his superiors "valuable presents." which are now known to have included heirlooms of the Count's family.

Moreover, Keller's home contains large stores of linens, laces and silks. as well as 100 cameras, which had ac companied him when frequent leaves from the front were granted to him The fact that some articles have been identified by the Count does not worry either German or allied justice-Keller keeps what he has got and the aged Count has only the shell of the chateau to leave to his heirs.

The Greatest Worry of All.

I know of no sort of worry which gets such a terrific grip on people,

izing that the funds available from far the greater number put in a full are ambitious for their children's taxation must always be inadequate working day of old-fashioned effort. education, ambitious to dress them de-

of the Assouan dam in Egypt.



I love the wind. Somet As softly in the trees As though a lady gently

At dawn it blows my cur They gently stir and s That means the wind wo dress And come outdoors and

Our old piano keys.

The stars and moon a That every child can s But best of an I love the It says so much to mi The Lost Bedge

Caroline was very mus when her father bought her older sister, and we the large box that the pia house, and she begged s rick. Two stout plank in place, and there was tarred paper and oilcloth keep it dry. Caroline moved into the

long she played there. ngs were a dolls' bed, The thing that she value grandmother had made a eight. The quilt was a spread on the dolls' be looked very pretty with of red, white and green On rainy days Caroline days she and the dolls h

a gray squirrel, which c about, full of curiosit named the squirrel Frisk the canning season ca played that she was She gathered bright ber apples and cod water in the sun on the After that she put then and then labeled the bo them away on the panti her playhouse. One day toward the en

bees for company, and n

near-by field and see could find a few more h put her playhe before she left; and as a go she noticed with pleast ty the patchwork quilt li dolls' bed. A ray of s

Zulus Are Lo headman and I ourt House at Maritz Africa, and delivered spe

Romantic

ed grains

Glasgow wheat-though grown in Scotland, and when they examined it, pr a Galician variety. Investig ed that the vessel in the