BARBED WIRE IS KING OF WAR'S OBSTACLES

While it Offers a Formidable Check to an Army's Advance it is But One of Many Devices in Common Use-Shallow Pits Often Used

no new thing. Thus, at Bannockburn, soldier carries a pair of wire-cutters; Robert the Bruce protected himself against the English cavalry charge he reckoned with. You cannot, however, expected in very much the same way the spot, and it weighs a good deal as a General similarly placed would to transport. Therefore, wire entanact to-day. Thus, he sowed the glement is often replaced by an abatis, ground over which he foresaw the especially in wooded countries. This English cavalry would charge with is formed of trees that have been cut sharp spikes tied or welded together, down near the ground and placed and pits covered with turi or moss. pointing towards the enemy. All fol-"Crowsfeet" and "military pits" are lage is stripped off so as to lessen the obstacles used in present-day warfare. rick of catching fire; the ends of the A "crowsfoot" is a ball of iron from branches are sharpened, and the which project three spikes, so arrangt whole tree is firmly picketed to the ed that no matter how the ball is ground. thrown down, one spike is always upright. "Military pits" are simply V shaped pits, either shallow or deep, a pointed stake being driven into the bottom of each. They are afterwards covered with turf, or brushwood, and ranged in diagonal rows where cavalry are likely to charge.

"Deep" military pits have rather gone out of favor, for when captured by an enemy he can quickly convert them into rifle pits for his own use. "Shallow" pits, however, are still widely used; and are an effective obstacle against cavalry and infantry attack although more effective against the latter when they are supplemented by barbed-wire entanglements, which has been used so extensively in the pres-

ly popular obstacle—at least, with the chevaux de frise is a pretty effective defence, for 't is apt to provoke strong obstacle. It consists of a hollow seclanguage from the attack. It is easily tion of iron-piping pierced with hole and quickly made by interlacing the so that sharp-pointed iron bars can wire between rows of firmly-planted be passed through diagonally, the stakes or the stumps of felled trees. chevaux de frise thus standing up-"Low" wire entarglement is used in right. It is made in sections which, exposed places where it is necessary if necessary, are chained together. to cover a large trea of ground, be- Two or three rows of chevaux de frise cause it is not easily seen at a distake some surmounting, but, of course, ance, or easily destroyed by shell- it offers to the defenders no cover fire, while it is more quickly run up from the shell or rifle fire of their than the "high" variety. "High" wire opponents. entanglement, however, is very effec- Wire entanglement is used for the tive in the defence of enclosed roads, defence of gateways, slopes, and defiles, bridges, and other places ditches of forts. The ditches of forts where infantry are likely to charge on or parapets are usually protected by a narrow front.

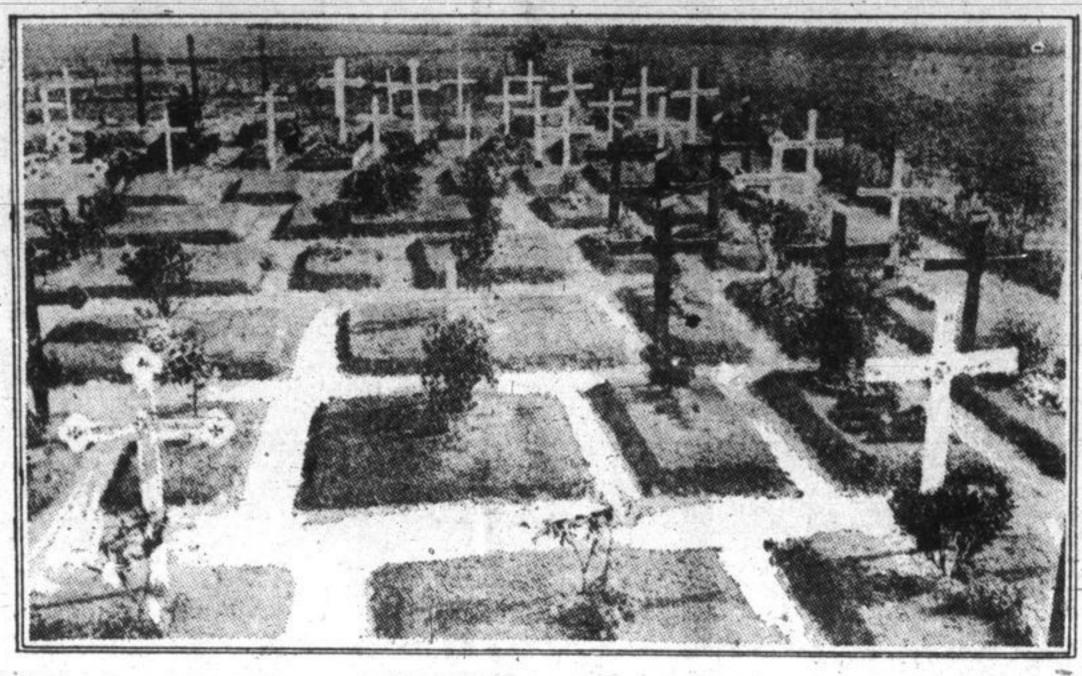
Russians made considerable use of driven in to the bottom of the ditch electrified wire entanglement, against and locked together by cross-planks which the Japanese rolled only to be or bars. To hinder an enemy if he electrocuted. What the ingenuity of tries to slide down his side of the man can invent, however, the ingen- ditch, a row of stakes is driven into uity of man .can usually circumvent. it, slanting upwards, so that if he and so the Japanese took to wearing clambers out to the end and drops off rubber gloves and rubber-soled shoes. he will be impaled on the palisade During the Boer War General de Wet Then if he reaches the other side of appeared on one occasion to be fairly the ditch and tries to clamber up the cornered within a ring of tremendous- will have to surmount another row of ly strong wire entanglement. A thun- stakes, slanting downwards this time derstorm saved him, for he took ad- The attackers seek to circumvent the vantage of it to drive a herd of fright- dangers of the ditch by bringing up ened cattle full tilt against the wire, long ladders to bridge it and filling it which gave way, De Wet thus escap- up with bales of straw, mattresses, ing by the skin of his teeth.

The use of obstacles in warfare is formidable as it w.s. for to-day every but it is still always an obstacle to be expect to find or make barbed-wire on

For Every Situation An abatis is useful along the edges of woods, or when placed a suitable distance down a slope up which an enemy must charge, or, again, in narrow places. It has the disadvantage of being easily set alight, unless kept soaked with water, or destroyed by shell or rocket fire, and is easily blown up by men with explosives. Further, unles: carefully placed, it may afford valuable cover to an attacking enemy. giving him time to steady himself before the final assault. A fougasse is a primitive sort of mine made by digging a slanting hole in the ground. A bursting charge fired by means of a long fuse is placed at the bottom of the hole, which is filled up with stones and debris, and then covered over with turf or brushwood so as to con-Barbed-wire entanglement is a high- ceal its preschee. In street-fighting

palisades. A palisade is a row of During the siege of Port Arthur the sharp-pointed wooden or iron stakes anything that is bulky and soft to fall Barbed-wire entanglement is not so upon.

THE END OF IT ALL FOR MANY WHO FIGHT



A big German cemetery in the open fields behind the lines in Northern France. Many of the crosses are painte with the regimental colors of those who rest beneath

Strenucus History Since Slavs Fought Tartars and Mixed With Finns

Col. Theodore Kitching, of the Salvation Army headquarters, communicates his impressions of Russia, warworn, wounded, in mourning, orphaned or widowed, and yet determined, hopeful, secure in her faith of victory.

the Greek-Scandinavian highway and Serbia.

quest. The Russian population to-day grade.

ion, the high spirit of the Russian peo- few British handy-men. ple, the historic reputation of the ethnic ingredients in the Russian character-not the spectacle of a cruel autocracy driving its sullen subjects into the battlefield-that gives the im pression and the conviction that in the eastern theatre of the great conflict has always lain an unconquerable

BRITAIN AIDS SERBIA

. of Danube

Personality-Hard Worker Of all the members of the coalition a distinguished naval officer relieved Administration of Great Britain there Belgrade, the capital of Serbia, from | are few more brilliant than Lord Robombardment by Austrian river gun- bert Cecil. Indeed it was a matter of

gion and blazed a way for the Slavs, necessary for the destruction of the bert and Hugh have followed in his times. It was at that time in the who marched east from the Carpa- monitors. The British government footsteps in this respect. Indeed, Lord hands of the Germans, while our first of the veil, an a glimpse given, to thians in the sixth century. They loaned a friendly ear to the request, Robert has been regarded as the lead- line trenches were only a hundred some, of a supernatural aid. first colonized the zone marked out by and thus it was that X arrived in er of the free trade element of the metres from the nearest houses. One in this belt arose Kieff and Novogorod. Along with "X," in mufti, came a Lord Robert Cecil, who is married a sudden fusilade began. We thought The fourteenth century brought the secretary, and a petty officer, "of the to Lady Eleanor Lambton, sister of it was the signal of a German attack ing out for legs and arms by the thou-Slavs into the Darina Pasin; in the old bulldog type," with a life of ex- the present Earl of Durham, and of and everyone rushed into the trenches. sand. Many of these artificial ilmbs sixteenth they overspread the White perience in the British navy and the Admiral of the Fleet Sir Hedworth In the darkness they ran up against are, for the sake of lightness, made Sea shore. Seventy years later saw ingenuity to improvise anything from Meux, has four brothers, who are all a man who cried: 'Don't shoot! I am from a sort of papier-mache. In Paris

Pokrovsky calls the Tartars "the Prus- by the handy-man and some British Robert first took his seat in Parlia- time the French occupied our village indistinguishable mash, which is sold sians of these times." They influence assistants, "X" soon had a barrier of ment as member of the East Maryle an officer gave us a French newspaper. to the orthopoedists. So when one of ed Russian government but not the mines laid across the mouth of the bone district of London in 1907 he It didn't contain much news; but we the mutilated heroes limps along he popular custom. With the Finns the river Save, where it joined the Dan found that his younger brother, Lord passed it from hand to hand and one may truly say that his leg represents Slavs mingled peaceably and social ube; bottling up some of the Austrian Hugh, had already acquired fame thought came to all of us immediately. a fortune. amalgamation took place without con- gunboats at Semlin, opposite Bel- there by his gift of eloquent oratory. The Minister of France wanted gold, Lord Robert is inferior in this respect and each of us had put away a few falls under three leading physical More assistance arrived in the shape to Lord Hugh, but more lucid and louis d'ors. We dug them up and my inally built to receive prisoners of war City Carriers Have Harder letter is writing an answer straight uss; the Little Russians, or Ukrain- them specialists in the work of de- won the regard and the respect of the at the first opportunity.' Then the old poleon. types, the Great Russian, or Vielikor of a body of British troops—all of above all more practical. He soon friends sent me to give them to you during Britain's struggles with Naian or Maloruss; and the White Rus- fense and attack. They took an old House and even succeeded in dispel-"A town postgirl is invariably in a sian or Bieloruss. The Little Rus- river barge; and, after sheathing it ling to a great extent that prejudice hurry. She has a far shorter beat, of sians are perhaps the finest represent- with tin plate and mounting machine on the part of the Liberals who had course, but then there are usually atives of the Slav type, though they guns on it, in co-operation with Ser- come to look upon the statecraft of the three or four deliveries every day in carry some infusion of Asiatic char- bian infantry they made a night at- Cecils much in the same way that an tack on an island held by the enemy, evangelical meeting would regard Jes-

LORD ROBERT CECIL

his pale forehead, his grim hawklike appearance, clean shaven face, his glistening eyes and ungainly gestures. presents a personality not easy to for-

PICTURE OF VENIZELOS

I had the pleasure, says a Cairo cor respondent, of more than one conversation with M. Eleutherios Venizelos, who at first, by his dress and appearance, gives one the impression of a Presbyterian minister rather than a statesman. He is well above medium height, well proportioned, with a round head slightly bald at the crown, and a somewhat pointed face, with gray hair and close-cropped beard. He is most courtly in manner, and his twinkling eyes gazing through his The "Society of Friends of Man and large spectacles give a most pleasant

THE TYRANT'S RULE IN CONQUERED LAND

Son's Revenge For Mother's Murder.

Few of the experiences of the inhabitants of the conquered portions of France and Belgium have come to light during the German occupation, and perhaps it is well for the Germans, as some instances would indicate that this is so.

From Belgium comes a story of vengeance. In a village near Namur, in a peaceful villa, lived with his widow. ed mother a young Belgian manufacturer. One day the German troops entered the village, and their commander ordered the young man to bring out his car and drive him to a known for her work among English neighboring village. . The young man girls there, says that there was much refused. Thereupon the commander -he was a colonel-drew his revelver and shot down the young man's mother, who was standing near. The son turned deathly white, and for a moment it seemed as though he would go forward, but found themselves ableap at the murderer's throat. Then he recovered himself, and said, "Good! I shall drive you." The colonel and sharply round and fled like the wind several other German officers entered and nothing could stop them. The the car. The son of the murdered explanation given by the German solwoman took his place at the steering wheel. Soon the car was running on | could not go on. Those devils of Engtop speed. Then, suddenly, just as it lishmen were up to some deviltry or reached a temporary bridge over the other, and we could do nothing-we Meuse, the driver gave a sharp turn were powerless.' This same lady had to the wheel. The car was flung into the opportunity of a conversation with the river. All the occupants were one of the lieutenants of the regiment drowned.

An example of the way the German applied to the German military auofficer on furlough, tells the following the Germans. That is how the facts evening, while everything was quiet;

Tales of Belgium and Northern | man handed the colonel 350 francs in gold, the entire wealth of the devastat-ed village. With tears in his eyes our "Blood and Iron" Rule-A colonel received this precious gift and embraced the old man. The gold was immediately sent to the Bank of France, and a collection takes, up for the benefit of that patriotic village."

THE ANGELS OF MONS

German Version of Story of Strange Aid to Eritich

Everyone seems to be interested in The Angels of Mons and to have readcorrespondence on the subject. Here is something new-a description of "what was said in Germany" after these unexplained events. "A indy in Germany at that time, who is well discussion in Berlin because a certain regiment who had been told off to do a certain duty at a certain battle, failed to carry out their orders, and when censured, they declared that they did solutely powerless to proceed with their orders, and their horses turned diers was in these words, 'We simply in question. And as the affair had made some stir in Berlin owing to the severe reprimand given to the men, she asked him what really happened. He said, 'I cannot tell you. I only know that we were charging full on most like going full speed, and being there was no precipic there, nothing

This was the story told in Berlin after the battle of Mons. It seems to show that scmething out of the common happened. The Germans accrib-English are said to have seen "angels," but the Germans only saw the English, whom they stigmatized as "devils," while the English saw themseives delivered as by a miracle, from tand, but a hiatus is left. And one dare not say that in that moment of stress and danger to the English. "there was not a momentary lifting

Legs From Bank Notes

PROPER HUMILITY Professor of Frightfulness (called to the door): "Oh! It is you. I am ecrit. but we have no further openings for instructors!" His Satanic Majesty: "Instructors! My good Herr Professor, you misindge me! I come as a pupil!"-Daily News and Leader, London.

English Girls Carry Mail That The Men Can Fight

Cheerful Substitute Finds a Coun- much out of the common, too, to be try Route Very Agreeable— whom I have just handed an important

ally acting as post-women, both in the town and in the country, thus enabling men to join the army. "How do I like my work?" said one

which, besides being very much pleasanter, is far healthier. My 'beat' is in the country, and that makes the work more enjoyable. I go on a bicycle, of course, for I have to cover nearly thirty miles daily.

o'clock in the morning, though often a little later, for the trains are not very punctual in these out-of-the way places. I am rarely troubled with the weight of the postbag. I need be in no particular hurry to finish my rounds. so long as I am back by three o'clock,

looked the few little mistakes I made Everything goes as soon as we find et first. At one house in particular our proper place. Since I was called pointed as major in the 18th Battalion they have always a glass of milk to the color. I have learned many (Arts and Crafts) King's "oyal Rifle waiting for me, cold in warm weather. things. When I return to the lecture Corps. It will be recalled that Sir and comfortably hot on bad days, and hall and again start to pound Homer Henry Raphael in his 56th year enlistthey would be very much offended if into the heads of my students; I will ed as a private in the Sportsman's Bat-I refused to take it. At first the peo- be able to explain to them minutely talion. He is reputed to be a very ple I met on the rounds were very how the hero of Troy saddled his wealthy man, and in fact has become much amused, but now they seem to horse, because I know it now." take me as a matter of course.

"In these sparsely populated coun try districts there are few pillar boxes,

PROFESSOR AS GROOM

Professor Dr. Oskar Ringler, of Frankfurt writes to a fellow-professor "My ambition to help to win great victories at the- front has not been so that my letters may catch the after gratified. For some reason or other Son mail. On fine days I take some they could not use me in the infantry thing to eat with me, and have quite a and I have been attached to one little picnic of my own in some pleas- "train" or transport column. Here I ant wood. On had days I have my am doing duty as an unmounted hostdinner in a picturesque little inn half- ler grooming horses. We are moved about like the figures on a chess "There is scarcely an unpleasant board. I am perfectly satisfied and rson on my beat. All willingly over am doing my best. Plato is right.

Smiling Prince of Water

"I commence my journey about nine | Happy German Herr Doktor Learns Much as Soldier

demand, for them. It is nothing very ing no fear whatever under shell fire the present war.

Ruses of British Sailors Win Control Salisbury's Ablest Son Has Interesting

This new phase of nationalism in Rus- boats is told by the Belgrade corres- surprise that so able a man as Lord sia is not surprising to European stu- pondent of the Christian Science Moni- Robert should have been content with dents of the ethnic story of the czar's tor. The presence of British soldiers the Under Secretaryship of State for people, and is fully recognized by the and sailors in Serbia has been gener-Teutons. Back of the Russian people ally understood, but no former account Foreign Affairs instead of insisting up- from the hapless Belgians has been is the map. The climate makes the of their activity would seem to have on a seat in the Cabinet and the seals told in Paris. A Liege merchant who national character. The Russians are been given. When the first party went of a great department. not autochons of castern Europe; the the Serbian trenches from Bosnia Lord Robert has much in common thorities for a passport to go abroad the British at a certain place, and in Slavs are merely the latest invaders to Roumania were suffering from the with his father and namesake, the on a business trip was told that he a moment we were stopped. It was of Russia. The Scythians planted a destructive fire of an Austrian river late Marquis of Salisbury, who for so could only get this if he would deposit Greek culture on the shores of the fleet of eight ganboats, operating on many years controlled the foreign a cash bail of one thousand francs as pulled up suddenly on a precipice, but Black Sea, the Aryan Sarmatians in the Danube, and its tributary, the destinies of Great Britain as Secre- a guarantee that he would return and vaded the steppes and survive in the river Save. The enemy river gunboats tary of State and as Prime Minister. not join the Belgian army. With some at all, only our horses swerved round Ossetes on the north Caucasian slopes. were armed with heavy guns and Like him, he was a younger son, and difficulty the merchant got together and fled, and we could do nothing." The Aryan flood was lost in the surg- quick-firers, and protected by thick as is the case with so many of the the one thousand francs, got his passing, receding waves from the heart of steel plating from any reply by the English aristocracy, was compelled to port and left. When he returned Asia. Turkish tribes overflowed, and Serbs. They were playing havoc with work for a living. Lord Robert took some two weeks later he demanded the Huns, Bulgars and Avars storm- the morale of the Serbians, and throw- to the law and made such a success his 1,000 francs, but all he could get ed the steppes; the Khasars, Petch- ing shell, shripnel and incendiary of the bar that at the age of 42 he was a German war loan bond for 800 ed it to the work of the devil, the enegs and Polevetzes pranced across bombs into Belgrade. The Christian felt that he was warranted by the marks. He thus involuntarily became the stage. After the Turks came the Science Monitor's correspondent says; amount of money reaped through his a subscriber to the Kaiser's war loan. Mongols who spent five centuries, "Without armor-piercing ammunition lucrative practice virtually to forsake Portions of France have suffered tribe after tribe, in Russia. Between and with few mines at their disposal, the latter and to embark upon a polike Belgium, without national feeling the Black and the Caspian sea these the Serbs were unable to cope with litical career in the House of Com- being stamped out. Proudly a French fierce nomads found harborage, the the menace. France sent 14-cm. naval mons. northward forests alone preventing guns and with them the gunners, but The late Lord Salisbury was a strict touching story: "We were fighting The Finns settled in the forest re- expert togethe: with the appliances policy of free trade and his sons Ro- changed hands at least half a dozen

them from the Urals to the northwest a dummy dreadnought to a high ex- of them clever men and have made a Frenchman!'. He proved to be a some of the most famous makers get of Siberia. In the south they warred plosive shell. No one suspected the their mark, each of them in his own very old peasant, but as it was post their material from the Bank of with the Asiatics and when "the Rus- presence of the distinguished British particular way. The eldest is, of sible that he might be a German spy, France. When the stock of old and sia of Kieff" fell they made Moscow naval officer, really the veteran Ad- course, the present Marquis of Salis- he was taken before our colonel. withdrawn bank notes gets sufficientthe national center. But not until miral Troubridge. He donned the bury, who filled the offices of Lord There are four or five of us, he said, ly large they are brought into a special Ivan III. in 1480 was the Tartar yoke olive green uniform of a Serbian col- Privy Seal and Minister of Commerce who remained in the village when room, and before high functionaries thrown off. The Russian historian onel of engineers; and, loyally aided in the Balfour Cabinet. When Lord everybody else had fled. The last of the Bank they are made into an

The Millionaire Private Sir Herbert H. Raphael, Bt., M.P. for South Derbyshire, has been apgenerally known as the "Millionaire His photo ornamented the and the novelty of his choice of hum- Animals" has established a "sant expression to his face. Quiet in manand consequently I have not only to The Prince of Wales, writes Private ble rank, taking into account his age tarium for wounded and sick army ner and speech, few would think on deliver letters, but to collect them Randolph Galpin, of the Colds ream and social position, mad him quite a horses. A similar hospital is to be seeing him that he is the man who from house to house as I go along. I Guards, we all admit, is a hero, as he popular figure. He is probably the opened at Jena for the dogs of the has made modern Greece what she is always carry a big supply of stamps comes along the trenches with the only member of the House of Com- German ambulance corps. with me, for there is always a large staff, always a chile on his face, show mons who has served in the ranks in St. Sebastian is the patron saint of presence of a master will and a mast-

How some British handy-men and it became desirable to call in a mine adherent to England's old established near a French village which has

sideration," she concluded, "I lead a Russia in this war suggests by con- The Austrians fied to the mainland, uitism. delightful life. The work is at first a trast Russia in its last war. The pas- before what looked to them like a Like the late Lord Salisbury, he has little tiring, but one soon gets accussive heroism of the Russian soldier dreadnought in the darkness. Later no particular graces of manner or gestomed to it, and I prefer it infinitely could not resist the active energy of the British handy-men transformed an ture. He goes to and from his seat tolling all day in a comparatively the Japanese fighting man, while the old ferry boat into an impromptu tor- in the House of Commons with a kind stuffy house. The great thing is, how- Japanese generals excelled the Rus- pedo boat, "The Terror of the Dan- of dignified lurch. In moments of exever, that my predecessor, through my sian leaders in knowledge, energy and ube," and the first of His Serbian citement he will move his hands viotaking his job, has now been able to sense of duty. To-day that excellence Majesty's navy. The old converted lently up and down as if he were usenlist. I am doing my little bit, too, could not be possible in relation to ferry has actually accounted for one ing some huge hammer and his voice Russia by any Asiatic or European na- of the Austrian river gunboats, and will rise to the verge of shrillness. He tion because the Japanese war bank- the rest of the Danube fleet is bottled rarely laughs, and as in the case of rupted the bureaucracy and the "an- up as securely as Admiral Jellicce has his father, any sense of humor that cient mirage" faded into smoke, while confined the German High Seas fleet. he may possess has the form of satire Russian national spfrit began with in- One shot from an Austrian monitor and sarcasm. He is not good looking. credible celerity to discard the old might have sunk the old ferry boat; has his father's remarkable stoop of values. The mind of the people awoke but "X" returned to Britain, leaving the shoulders and with his thin, curvand a new ideal arose. It is the un- the Danube safe in the keeping of a ed nose, his dark hair, receding from

Sad About This Late Hymn Few hymns were sung so frequently in Germany as Sir George Henschel's "Lord, Let us Conquer," until Dr. Leopold Schmidt put a damper on German enthusiasm for this war song by printing in The Berlin Tageblatt a translation of a letter written by Henschel to The London Times in which ductor of the Boston Symphony Orhappened to be born in barbarous Bermany, being Polish by descen... He was so overwhelmed with indignation and horror at Germa. y's way of carrying on the war that he offered to serve in the English army, which, however,