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ARMORED SOUTH AFRICAN TRAINS

TRUTH AND LIBERTY.

FIFTIETH YEAR

ART 3.

SATURDAY, JANUARY 6, 1900, SALT LAKE CITY, UTAH.

tain. After gulet administrative work he won a medal and clasp in the Umbeylan campaign in 1863. "BOBS" THE IDOL OF ENGLAND'S SOLDIERS

Brilliant, Modest and Intrapid at All Times-Not a Failure Blots the Record of the Man by Whom "Tommy Atkins" and His Swarthy Alien Ally Swear - How Field Marshal Lord Roberts, Now on His Way to Take Supreme Command in South Africa, Has Won the Devotion of England's Forces at Home and in India.

the admiration of their followers that of Field Marshal Lord Fred-Sleigh Roberts, who sailed yesay from England on the Dunoltar e to take supreme command of all British forces in South Africa. r still are the commanders who enjoyed so large a measure of soldier's love as that which the lish and Indian armies long ago e to "Bobs," "Little Bobs" or "Bob-

w military men have so completely | most valuable service to the empire were comprised in the arduous, unobtrusive labor by which he remodeled the frontier defenses and virtually remade the Indian army, bringing it to its present high efficiency. More than once his reforming opinions were so opposed to general notions at that time that they made him the object of at-tack, and even ridicule. But he stuck to them, and later was vindicated by their adoption.

BOER AMBULANCE AT WORK.

He joined the expedition of Lord Napier of Magdala to Abyssinia in 1868. As assistant quartermaster general he superintended the embarkation of the entire expedition. He was thrice men-tioned for his services, and Lord Na-pler selected him as the bearer of the dispatches which announced the entire success of the expedition. Thus he won another medal and was breveted lieu-tenant-colonel in the Royal artillery.

As a reward for his services with the Looshai expeditionary force in 1872 he was made a military companion of the Order of the Bath. He qualified as a colonel in 1875 and

received an appointment as permanent quartermaster general, with the rank of major general.

Lord Lytton offered him the com-mand of the Punjuab forces in 1878, when he became a major general of the army. Then in 1879, he received the command of Eastern Afghanistan from Kabul to Jamrud. It was in the war which broke out soon afterward that he first began to attract the general public attention, which culminated in enthusiasm over his famous march. During the campaign he was mentioned eight times in the dispatches.

On his march to Kabul, in 1879, while in command of the Kurum Valley force, he fought a florce and bloody battle at Pewar Kotal, winning a brilliant vic-tory at Charasai before his capture of as a builder was due not only to his re-markable magnetism, but to his close strongly intrenched position for a the capital. Thence he had to retire to

It has been announced in the news- | in the background, well out of reach papers of late that among the troops leaving for South Africa have been so

many men of the "ammunition column." This tells nothing to the average reader, however. He has heard of the lancers and the Dublin fusileers, but the "ammunition column" is a body of whose existence he has previously been ignorant, and at whose work he can only guess.

Briefly, this ammunition coulmn is, says the Cincinnati Enquirer, a branch of the army service corps, a body which acts as a sort of "Universal Provider" for the British army in time of war, and its duties are to keep well up with the firing line during an engagement and see that it is well supplied with ammunition. When setting off to at-tack the foe, the ammunition is distrib-uted as follows: Every man of the infantry and cavalry has the magazine of his rife or carbino as the case may of his rifle or carbine, as the case may be, filled, and he carries 100 spare rounds in his pouches. A further supply of 200 rounds per man with a sulta-ble allowance for the quick-firing ma-chine gun which is attached to each infantry battalion is conveyed directly in the rear of each regiment in a wagon bearing a distinguishing mark to show to which corps it belongs, and this forms the first reserve, from which the soldiers' pouches are replenished as fast as they are emptied. 'MIDST FLYING BULLETS.

A small detachment of the ammuni-tion column accompanies every regi-ment into action to convey the supplies from the wagon to the firing line. The work which these men perform is perhaps the bravest of any on the field of battle, but it is a work of which we hear little. Their duty compels them to keep well up with, the firing line, and yet they take no part in the firing, though the enemy's bullets may be fall-ing round them in all directions. Their business is to hurry forward the am-munition and never mind what is happening in front of them, and to this they devote themselves. As the battle rages, however, the sup-ply of ammunition becomes depleted,

and it is at this stage that the real work of the main body of the ammunition column commences. This body has for some time previously been hanging ! tion.

BULLER ON HORSEBACK.

NUMBER 41

Photograph of General Sir Redvers Buller as he looked when directing the unsuccessful attempt to cross the Tugela river in the face of an impassable fire from the Boer intrenchments. Buller having tried as the "man on horseback" and failed to dislodge the Boers, it is facetiously suggested that the next man, General Roberts, make the attempt to reach the Transvaal as the "man in an automobile."

limber and the projectils, and a truck | specially constructed to carry, if necessary, a 4.7-inch gun, though at present which is mounder breech-loader is used, which is mounted on an ordinary field carriage. Now comes the peculiar and diabolical device that will make this class of armored train a terror in modern warfare. modern warfare. The platform of the track is in reality

turn-table, pivoted on a center, and revolving on a circular racer, which the gun-detachment, who are protected by a plating some six feet high round three sides, can revolve with levers. The gun is fired through an aperture, the recoil being checked by a hydraulic brake on its own carriage, and also by automatic rising slides, which cause the gun to return to the firing position. By an ingenious arrangement of crossgirders, which can be run out and sup-ported on blocks, a broad base can be obtained for the truck when the gun is fired at right angles to the perma-nent way; while, to increase the sta-bility, the truck, if necessary, can be connected with the rails by strong screw clips. The train is also supplied with a powerful searchlight, in view of a night attack.

fire of light field pleces, carried or trucks that were protected with heavy iron plates, and when the Communists were holding the capital against the Versaillese an armored train operated upon the rallway in the direction of the Chateau Brecon, and is said to have achieved its object in silencing the batteries which the regular troops were endeavoring to establish.

It is this experience perhaps that has given rise to the belief that the French were the original inventors of the idea for a fighting train. That is not so, however, for, although the French can certainly lay claim to having been the

But Ordinary Rolling Stock Thinly Protected-England's Real "Moving Forts" are Kept at Home-Cannot be

Used on Transvaal's Narrow Guage Tracks-Would Probably Prove Terrific Machines of Destruction if They Could be Put in Action.

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of the enemy's shells, in charge of a long string of wagons filled with pro-jectiles of every description. From these the regimental wagons are refilled. Not only does this column car-ry the ammunition for the small arms, as the rifles, carbines and machine guns are described, but the shells for the artillery as well. These shells are of many kind, such as common shell. plugged shell, shrapnel, and canister, and wherever the guns go these wagons must be close behind them, no matter what the hazard; for a battery withbut ammunition in abundance is in the same state as a first-class modern battle ship with empty coal bunkers, and with the warships of the foe rapidly bearing down upon it. The stock of these wagons is in turn replenished as soon as possible from the

main supply, which is maintained at the base of the army under a strong guard. The ammunition column as constituted today is a modern innovation. Formerly every regiment taking part in the campaign detailed so many of its men to take charge of the regimen-tal ammunition and to distribute it, but this somewhat rough-and-ready system has been abolished in all mod-

ern armies, as it was found that one regiment might have ample ammuni-tion, and yet the next one to it might be reduced to its last cartridge; but the feeding of the firing line of the British army has now been reduced to a per-fect state, and it should be next to impossible nowadays for a reigment to be put out of action owing to the fail-ure of the ammunition supply. This was the case, however, with the two Brit-ish regiments at Nicholson's Nek a few weeks ago, but that was an abnormal circumstance brought about by the stampede of the mules which bore the spare ammunition, thus leaving the men with only what cartridges they had in their pouches, and it is unlikely in the extreme that such a case will

In addition to feeding with ammuni-tion the soldiers actually engaged in the fighting line, the ammunition col-umn has other duties, such as attaching the fuses to the shells, and aiding the artificers in the repair of damaged guns or gun carriages, and during the whole time a war lasts one of the hardest worked bodies of men are those employed in serving out the ammuni-

ever happen again.



We have had photographs of the British medical corps but no camera man could get permission to snap-shot the borrors of war from the Boer side. The above, just to hand, is the first photograph of a Boer ambulance received in this country. It plotures the red cross corps at work after the battle of Rietfontein.

y," as he was variously known in their ms of endearment.

This feeling for their hero is almost hat of a family for its head. There is mething patriarchal about it. "Tomy," be he Briton or Indian, dearly es a hero, but, says the New York erald, when he finds a man who comnes moral and physical courage of a igh order with brilliancy, dash and odesty and a keen personal regard for e comfort of the man in the ranks, Tommy," straightway falls down and orships. And he has been doing that fore "Bobs" for lo! these many years. With never a failure in his record, ord Roberts has many a feat of gencalship and individual bravery to his redit. redit. That for which he is most fa-ious is his march from Kabul to the ellef of Kandahar in 1880, while Engand was on tenderhooks of anxiety as o his safety. Of it he tells us himself hat he found his advance to Kabul, in the previous year, a far more difficult task. His successful movement of a body comprising about 10,000 fighters -British and Indian-8,000 camp followers and 2,300 horses and gun mules brough difficult, hostile territory in hree weeks, with the loss of only one ritish soldier and a dozen natives, is onsidered by competent critics the lost remarkable achievement of its tind in modern times. General Sherman's march to the sea probably is the nearest approach to it. A special bronze star was given to each of the men participating in the march.

HONORED AS DEWEY WAS.

His rapidity completely baffled the nemy in his own country, and enabled loberts to administer the crushing low which ended the campaign. His actics then, taken in conjunction with foresight and caution characteristic of the man, no less than his tact in lealing with all around him, augur well for the fulfiliment of the British opes which are counting on his skill o counterbalance the extreme mobility if the Boer forces, from which the Brit-sh have suffered most heavily during he present war. Upon his return to England after that

copon his return to England after that tampaign the country honored Roberts much as Admiral Dewey was honored here. He was thanked by the govern-ment of India and by both houses of Parliament. The queen summoned him to Windsor. The municipality of Lon-

touch with the men in the ranks. Leaying India in 1893, after two terms, or nearly eight years as commander-in-chief, at a farewell banquet in Calcutta he strongly urged upon all officers the necessity for showing sympathy with soldiers and their families, and of giving effect to orders in a liberal and

intelligent spirit. On the same occasion he showed his faith in his system by saying that if the time of trial should ever come India could rest secure, not only on her troops, her forts and her guns, but on the loyalty of her foundations and the affection of her subjects. He always gave the credit of his victories to the men under his command. One of his names among the people

who honored him only second to their sovereign in the parade on the occasion of her diamond jubilee, two and a half years ago, is that of the "soldier's general." No military leader in England stands higher in the hearts of the Brit-ish nation, and in the judgment of European critics his ability ranks with or above that of Lord Wolseley, his

commander-in-chief. After passing through Eton and Sandhurst, Frederick Roberts, then nineteen years old, obtained his first commission as a second lieutenant in the Bengal artillery, on December 12, 1851. Going at once to India, he learned from his father much about Afghan-istan and the campaign through which General Sir Abraham Roberts had just passed, thereby laying the foundation of the knowledge which he later put to such good use. He soon afterwards obtained a staff

appointment, and, discovering the value of Hindustani, set to work to acquire the language with the assiduous thoroughness characteristic of all his

doings. He went through the mutiny in 1857 and 1858 from the slege and capture of Delhi to the relief of Lucklow, winning distinction through his courage and ability. Three horses were shot under

ability. Three horses were shot under him during the campaign. At Khodahunge he won the Victoria cross. He had just saved a native of-ficer's life when he saw two Sepoys carrying off the colors. Dashing after them, he slew one, and, seizing the standard, brought it back in triumph. He would have lost his life had not a He would have lost his life had not a musket missed fire while its muzzle was pressed against his body. In one of his earliest engagements,

for the Burghers. In one of his earliest engagements, while aiding drivers to limber up guns, he was shot near the spine, and the wound was not mortal only because a leather pouch, which had slipped around to his back, received the force of the impact. He left the mutiny as a brevet major with a medal with three classe It is surprising what a large number of foreigners have volunteered to help the Boers. Quite a large body of Rus-sians have left St. Petersburg and Mos-Windsor. The municipality of Lon-on presented to him a sword and the reedom of the civy, a rare gift accorded o comparatively few men, among whom General Grant was numbered. Universities, the ancient trade guilds and commercial bodies vied with each other in giving degrees, privileges, ban-uets and addresses.
But that was only one episode in a prilliant career, and many of those best unalfied to judge believe that Roberts
Iseather pouch, which had slipped around to his back, received the force of the impact. He left the mutiny as a brevet major with a medal with three clasps.
In 1859 he married Miss Bews, a daughter of Captain Bews, of the Seventy-third regiment. She entered thoroughly into his work, and her sym-pathy has greatly aided him. This lady and two daughters now comprise his family. cow for South Africa, many of them have contributed large sums to fit out a corps of volunteers. Several bodies of Frenchmen have joined the Boer forces, while the Duchesse d'Uzes has raised at her own expense in America a body of men, most of whom are miners, for the purpose of fighting against the Brit-

In 1860 he became a regimental capsuch an emergency. Throughout the winter he held the place with a force of 7,000 against 100,000 fierce tribesmen, awaiting the arrival of reinforcements, with the ald of which he promptly recaptured Kabul, and was ready to march to Kandahar when the necessity presented itself.

From 1881 to 1885 he was in command of the Madras Presidency troops, and his latest fighting was with the Burmah expedition, in 1886. He was commander-in-chief of the forces in India from 1885 to 1893, and then was suc-ceeded, largely on his recommendation, by General Sir George White, now beleagured in Ladysmith.

Since his reutrn to England, Lord Roberts has been commander of the forces in Ireland. He was raised to the peerage as Baron of Kandahar, in Afghanistan, and of the city of Waterford in 1892.

HIS FEELINGS REGARDING THE BOERS.

Were Lord Roberts small enough to need any personal incentive to eke out his sense of duty, there could be no doubt of it in his present command.

dubt of it in his present command. Hastily dispatched to Cape Town as governor of Cape Colony and com-mander of the forces there, he arrived just after the battle of Majuhe Hill, when peace had been declared. "A peace, alas! without honor," he recently said, "to which may be attributed the recent state of affairs in the Trans-vaal." He was summoned back to England after less than twenty-four hours in Cape Town.

He was created a military knight of the Grand Cross of the Bath and a baronet in June, 1881, in recognition of his distinguished service in India.

In the present campaign his only son was killed at Tugela river and his nephew, Colonel Sherston, at Glencoe. His famous charger, the white Arab Vonolel, which carried him from Kabul to Kandahar, and through the ju-bilee parade, died last year, showing to the last that affection for him which he inspires in everything living that comes in contact with him.

HELPING THE BOERS. Men of Many Nations Taking Up Arms

BULLETS FLY THICK AND FAST

Around Busy Soldiers of the Ammunition Train-More Bravery Needed Than in Any Other Service-Always in the Thickest of the Fight, but are Defenseless -Their Business to Supply Shot and Shell to the Firing Line Regardless of Consequences.

As the armored train has become so 1 the recoil would be too great for the

prominent a feature of the Transvaal | equilibrium of the tracks. war, it may come as a surprise to many to know that while Great Britain has perhaps the most complete of these "moving forts" in the world, none of them is in use in South Africa on account of the narrow gauge railways prevalent there. Those in operation are merely converted rolling stock, being ordinary box cars with about half an inch of common steel, the locomo-tive being protected in the same manner with just enough metal to stop rifle bullets. The light roadbeds prevent the effective use of heavier guns than Gatlings, Nordenfelts and Maxims, as

The pet of the British ordnance department is now idle at home, where it will probably remain during the present conflict to be admired by military men for what it could do if it were possible to once "turn it loose" upon the enemy, a good deal on the order of Stockton's Languid Youth, who was to get his excitement by standing in front of the great sleeping dragon and imagine what it would do to him if it woke up/ This much lauded train consists of an

ordinary fast locomotive, with protected steel sides some nine feet in height. two steel plated van conveying a Max-im gun each, the men, the horses, the

BULLER'S RAPID-FIRE NAVAL GUNS IN ACTION.



NOT A FRENCH INVENTION.

These moving forts are commonly redited to French inventive genius, but in reality they were invented as long ago as 1847 by Mr. James Anderson of Edinburgh, who, in that year, and again in 1849, prepared and patented a series of plans, and further submitted a working model of his defensive rolling stock for the inspection of English engineers and artillery officers.

The British government, however, could not see its way clear to adopt the invention, so Mr. Anderson went abroad with his idea, with a result that these "ironclad trains" were used on the field of battle for the first time in the Franco-German war.

In their sortles from Paris the French trops were frequently backed up by the

GENERAL JOUBERT.

Told an Englishman why the Boers Shot at Officers.

Lieutenant Colonel P. F. Robertson, late of the Ninety-second Gordon Highlanders, writing to the Times, relates a conversation with General Joubert at Newcastle, Natal, in 1881. The colonel was deploring the number of casualties among our officers on the day of Majuba. "Oh," replied General Joubert, "We give special instructions to our men always to pick off your officers." "Thank you," said Colonel Robertson; "why are we to receive so much attention ?" Gen, Joubert's reply was: "Your officers are all rich, and are quite independent of your profession; you can come into your army, and leave it when you please; but your privates are poor men, and they cannot get away when they please, and they must fight when they are ordered to, and it is how they get their living. Besides, we have no quar-rel with them, and we do no want to

kill one of them if we can help it." Colonel Robertson then told Joabert of the promotion of Hector MacDonald from the ranks and the claymore that the officers of his regiment had presented him with. The general was much interested, and said:

"That brave officer must have his sword back again. I will search the Transvaal for it, and offer £5 reward

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for it." Gen. Joubert, says the colonel, recov-ered Lieutenant Hector MacDonald's sword from a Boer farmer, who, when he heard the particulars, declined to accept the offered reward, and Joubert handed his sword back to MacDonald at Newcastle. While there is much to be said against the Boers it may be well to remember these things to their cred-

THOSE ARMORED TRAINS.

Armored trains, which are taking such an important part in the present

first to use them in actual warfare, the invention is British, to the everlasting discredit of that ultra-conservative country.

USUALLY "MAKESHIFTS."

For the most part armored trains are hastily-constructed affairs consisting of a locomotive and a few cars, the engine being generally located about the middle of the train, but England possesses a dozen specially built trains of this class, having a bullet-proof sheeting of iron surrounding them.

The first time armored trains came into use in the British army was at Alexandria, when Captain Fisher and his bluejackets hastily put together half a dozen trucks and protected them with iron rails, iron plates and sand bags. The engine was placed in the middle of the train, while a Nordenfelt machine gun was mounted on the leading protected truck, and a forty-pounder on the next. Captain Fisher had but few oppor-

tunities of bringing his train into action, but during a sharp skirmish on the Mahmondiyeh canal it threw some well directed shells into the very center of the enemy, inflicting considerable loss. Since that day British and foreign engineers have vied with one another to turn out an armored train that should be shell-proof as well as bullet-proof. and have well nigh succeeded. All recognize the principle of the engine being protected by several trucks, as an extra preventive against shells striking the locomotive either in the front or rear, and this precaution minimizes any danger from the explosion of mines that may be laid under the permanent way by the enemy. Both France and Germany possess armored trains that are reported to be marvels of engineering skill.

Since the capture of his guns in the Tugela river fight Buller has been supplied with a fresh lot of navai guns which have destroyed the bridge by which the Boers would have crossed to attack Buller's army. The guns are now shelling the trenches with deadiy effect, it is claimed. The above photograph shows part of the naval artillery in the amoke of its awa-gues.

campaign, usually consist of a powerful engine, three iron tracks, a water tank and a passenger car. The sides are raised six feet, with three quarter-inch boiler plates, and perforated with hori-zontal slits for the accommodiation of rifles and Maxims. Each vehicle is capable of holding 50 or 60 men easily.