

F A I T H.

"Faith is the substance of things hoped for, the evidence of things not seen."

Give it to me,—that in my hours of darkness,
When every golden tint is lost to vision,
I still may feel that in my Father's fastness
I have a rest enduring, strong, and true;
Though clouds my perfect vision screen,
Give me the solace of a power unseen.

Give it to me,—that in my days of sadness,
When tears are all the heritage I own,
Hopes that are born of grief not gladness,
Be garner'd fruit that Thou unseen has sown;
Though long the trial, slow the rip'ning be,
Grant the full harvest, may ascend to thee.

Give it to me that in my hour of weakness,
The heart with many struggles interlined,
I yet may see that thy divine completeness
In loving mercy gives me strength to find
A foothold where alone upon the strand,
In perfect trust I grasp my Father's hand.

Give it to me,—beyond these chilling vapors,
I would behold that purer light of thine,
And see afar those radiant, holy tapers,
Lit by a faith exalted and divine;
Earth lights will fall, these rays grow dim at last,
Then hide me till the storm is over-past.

THE EMPLOYMENT OF MITRAILLEURS DURING THE RECENT WAR, AND THEIR USE IN FUTURE WARS.

By Lieutenant Colonel H. C. Fletcher, Scots
Fusilier Guards.

(Concluded from Page. 155.)

Most if not all, the great Powers of Europe have provisionally adopted some description of mitrailleurs. The French retain those they employed during the war. The Prussians possess large numbers, which were captured from the enemy. The Austrians are manufacturing machine guns, on Messrs. Paget and Broadwell's principle, and are attaching them to the regiments of Hungarian militia. The Russians are making large numbers of Gatlings, on (I believe) Colonel Gorleff's principle, and it is said that 400 or 500 guns are ready, or are nearly completed. The rapidity of fire is stated to have been increased up to the almost incredible number of 1,000 shots per minute, which rapidity can, however, be regulated and checked by a simple adjustment of the feeding apparatus. The gun has been lightened, and the spreading motion of its fire improved. The Turks have ordered a large supply similar in pattern to that selected by Austria. With regard to America, although it appears that there has been no formal adoption of the mitrailleuse, their utility has been reported favourably on by American officers, and the manufactory with which Mr. Gatling is connected has every means of turning them out rapidly in the event of war. They are employed in arming the forts in the Far West against the attack of Indians; and (as I have been to-day informed by Captain Selwyn, R.N.) a certain number are in readiness at Salt Lake City, in the event of any trouble with the Mormons.

At present no Government has given orders respecting their tactical employment, and it is on this point that I would venture to direct your opinion, trusting that a discussion by able Officers of all branches of the two services, may tend to elucidate a question which at present presents many complications, and is attended with considerable difficulty.

COMPARISONS IN THE EQUIPMENT OF 9 POUNDER FIELD GUN AND GATLING BATTERIES.

In order to assist in forming conclusions I am enabled to offer an estimate, prepared by Colonel Wray, of the comparative number of horses, men, and waggons, which are required for a battery of six 9 pounder field guns, and for a battery of twelve Gatlings.

Comparative equipment of a 9 pounder Field Battery of 6 guns, and of a battery of 12 Gatling Guns.

9 Pounder Field Battery. 6 Guns.

1 Captain.
1 Second Captain.
3 Lieutenants.
1 Assistant surgeon.
—
6
—
1 Sergeant-major.
1 Quartermaster-sergeant.
6 Sergeants.
6 Corporals.
6 Bombardiers.
85 Gunners.
81 Drivers
2 Trumpeters
1 Farrier.
4 Shoeing Smiths.
2 Collar makers.
2 Wheelers.

197

6 Guns.
12 Waggons
1 Store waggon
1 Forge waggon
1 General service waggon.
1 Store cart.
214 Rounds per gun.

Riding Horses.

12 Officers.
2 Staff Sergeants'.
12 Non commissioned Officers'.
2 Trumpeters'.
1 Farrier's.
1 Shoeing smith's.
4 Spare.

34

Draught Horses.

48 Guns.
72 Ammunition waggons.
6 Store waggons.
6 Forge.
4 General service.
2 Store cart.
12 Spare.

150

184 Total Horses.

Gatling Battery. 12 Guns, 45 calibre.

1 Captain.
1 Second Captain.
3 Lieutenants.
1 Assistant-surgeon.
—
6
—
1 Sergeant-major.
1 Quartermaster-sergeant.
6 Sergeants.
6 Corporals,
} 60 Gunners.
20 Drivers.
2 Trumpeters.
1 Farrier.
2 Shoeing smiths.
1 Collar maker.
1 Wheeler.

101

12 Gatling Guns.
6 Small arm ammunition carts.
1 Store waggon.
} 1 { Forge and General Service waggon
} combined.

2,208 Cartridges carried with each gun..... 26,496
9,000 Cartridges in each S.A.A. cart..... 54,000

12,80,496

Cartridges per gun..... 6,708

Riding Horses.

12 Officers'.
2 Staff-sergeants'.
12 Non-commissioned Officers'.
2 Trumpeters'.
1 Farrier's.
1 Shoeing smith's.
4 Spare.

34

Draught Horses.

24 Gun.
12 Small arm ammunition cart.
6 Store waggon
6 { Forge and General Service waggon
} combined.

8 Spare.

56

90 Total horses.

The total weight of draught of the Gatling is as follows:—

	cwts.	qrs.	lbs.
Gun carriage when complete.....	7	0	7½
Limber ditto	5	0	25
Six drums filled	3	2	0
Total.....	15	3	4½

Supposing a shield to be introduced for protection against the fire of infantry, an advantage which I scarcely think counterbalance the additional incumbrance, 3 qrs. 25 lb. would require to be added to this weight, making a total of 18 cwt. 19 qrs. 25 lbs.