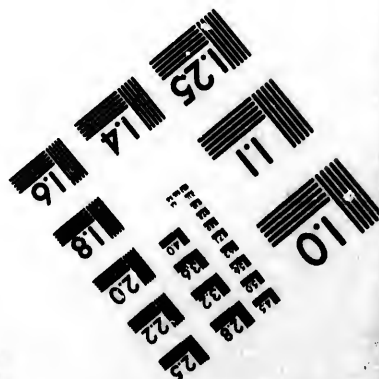
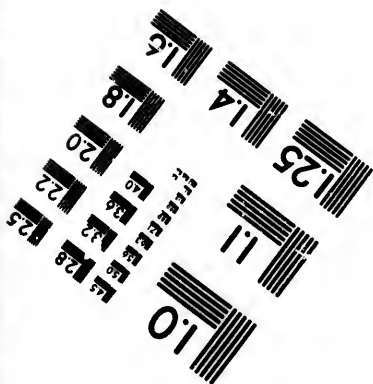
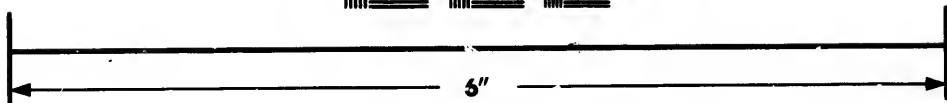
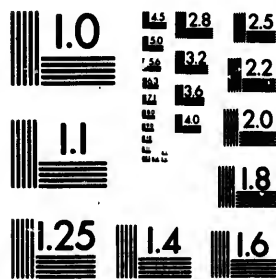


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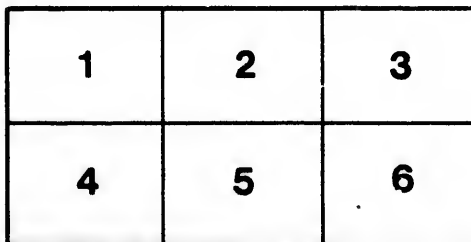
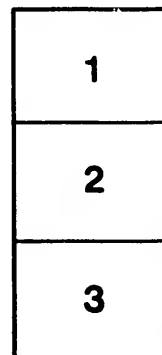
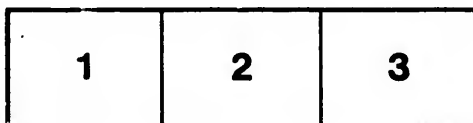
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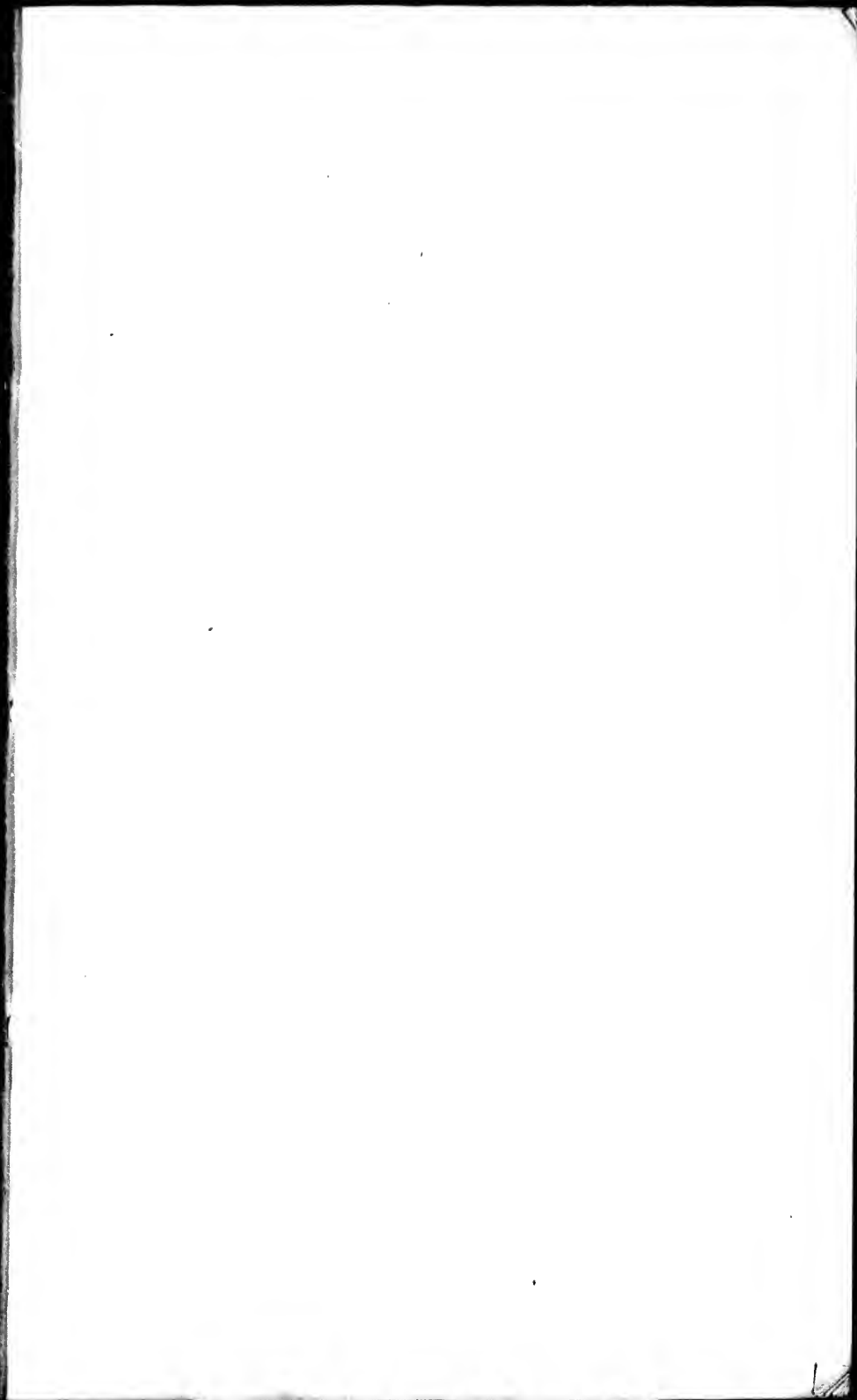
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**FOR**  
**NOVA SCOTIA VOLUNTEERS.**

*Société Historique de Montréal*



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HEAD QUARTERS,  
*Halifax, N. S., Feb. 14th, 1860.*

THE Volunteer Movement in Nova Scotia having now assumed considerable dimensions, His Excellency the Commander-in-Chief has been pleased to authorize the publication of this Manual of Preliminary Drill, which has been compiled from the latest authorities on this subject, in order that uniformity may be secured in the instruction of the different Companies.

Its object is to enable the Volunteers as soon as possible to perfect themselves in such simple movements as are indispensable to their efficiency; but when a perfect knowledge of these has been obtained, should it be deemed necessary to proceed farther, recourse must be had to the regular Drill Books, issued by authority for the use of Her Majesty's Forces.

By Command,

E. WALLACE,

*Lt. Col. and A. G. M.*

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## DRILL WITHOUT ARMS.

### SEC. 1.—POSITION OF THE SOLDIER.

The equal squareness of the shoulders and body to the front is the first and great principle of the position of a soldier. The heels must be in line and closed; the knees straight; the toes turned out, so that the feet may form an angle of 60 degrees; the arms hanging straight down from the shoulder, the elbows turned in and close to the sides; the hips rather drawn back, and the breast advanced, but without constraint; the body straight and inclining forward, so that the weight of it may bear principally on the fore part of the feet; the head to be erect, and the eyes looking straight to the front.

### SEC. 2.—STANDING AT EASE.

On the words "*Stand at Ease*," the left foot will be carried forward six inches, toes to the left front, feet separated, the greatest part of the weight of the body brought upon the right leg; the left knee a little bent; the hands will be brought together before the body, the palms being struck smartly together, and that of the right hand then slipped over the back of the left.

On the word "*Attention*," the hands will fall smartly upon the outside of the thigh; the left heel will be brought back in a line with the right, and the proper unconstrained position of a soldier immediately resumed.

### SEC. 3.—EYES RIGHT.

On the word "*Eyes right*," glance the eyes to the right with a slight turn of the head. At the word "*Eyes left*," cast the eyes in like manner to the left. On the word "*Eyes front*," the look and head are to be directly to the front, the habitual position of the soldier.

### SEC. 4.—DRESSING.

Dressing is to be taught equally by the left as by the right. On the word "*Dress*," each individual will cast his eyes to the point to which he is ordered to dress, with a slight turn of the head, but preserving the shoulders and body square to their front.

The whole person of the man must move as may be necessary, and bending backward or forward is not to be permitted. He must take short, quick steps, thereby gradually and exactly to gain his position, and on no account be suffered to attempt it by any sudden or violent alteration, which must infallibly derange whatever is beyond him. The faces of the men, and not their breasts or feet, are the line of dressing. Each man is to be able just to distinguish the lower part of the face of the second man beyond him.

## SEC. 5.—FACINGS.

In going through the facings, the *left heel must never quit* the ground; the body must rather incline forward, the knees being kept straight. *N. B.* It may be useful to remark that in all facings to the right, the *right foot* is drawn back; in all facings to the left, the *right foot* is advanced.

To the *Right*,  
*Face.*

On the word "*Face*," place the hollow of the right foot smartly against the left heel, keeping the shoulders square to the front.

*Two.*

On the word "*Two*," raise the toes, and turn a quarter circle to the right on both heels which must be pressed together.

To the *Left*,  
*Face.*

On the word "*Face*," place the right heel against the hollow of the left foot, keeping the shoulders square to the front.

*Two.*

On the word "*Two*," raise the toes, and turn a quarter circle to the left on both heels which must be pressed together.

*Right, about*,  
*Face.*

On the word "*Face*," place the ball of the right toe against the left heel, keeping the shoulders square to the front.

*Two.*

On the word "*Two*," raise the toes, and turn to the right about on both heels.

*Three.*

On the word "*Three*," bring the right foot smartly back in a line with the left.

*Left, about*,  
*Face.*

On the word "*Face*," place the right heel against the ball of the left toe, keeping the shoulders square to the front.

*Two.*

On the word "*Two*," raise the toes and turn to the left about on both heels.

*Three.*

On the word "*Three*," bring up the right foot smartly in a line with the left.

*Right (or Left)*  
*Half, Face.*

On the word "*Face*," draw back (or advance) the right foot one inch.

*Two.*

On the word "*Two*," raise the toes and turn an eighth of a circle to the right (or left) on both heels.

*Right (or Left) about, three quarters, Face.* When it is necessary to perform the diagonal march to the rear, the soldier will receive the words Right (or Left) about three quarters face, upon which he will bring the ball of his right foot (not the ball of the toe) to the left heel, the right heel to the ball of the left foot, and will make a three quarters face in the given direction, in the same manner as he faces about.

*Squad, Front.* When it is intended to resume the original front, after any of the foregoing facings, the word of command Front may be given, on which the whole will face as accurately as possible, to their former front.

Whether the soldier has previously faced to the right, or left about, he will always front by the right about. But if he has faced to the right about three quarters, he will front by the left about three quarters, and vice versa.

#### SEC. 6.—MARCHING.

All marches commence with the *left* foot, except when closing to the right.

#### SEC. 7.—LENGTH OF STEP.

In slow or quick time 30 inches. } *Measured from heel to heel.*  
 In double time 36 inches. }

Side step *always in quick time* 10 inches.

#### SEC. 8.—CADENCE.

In quick time 108 steps in a minute.  
 In double time 150 " " "

#### SEC. 9.—POSITION IN MARCHING.

In marching, the Soldier must maintain the position of the body as directed in Sec. 1.

The arms and hands must be kept steady by the sides, care being taken that the hand does not cling to the Thigh.

The body must be kept square to the front. The movement of the leg must spring from the haunch and be free and natural.

Each man when properly in line, should feel his right or left hand man (towards the pivot flank) at the thick part of the arm, immediately below the elbow; the elbow must be close to the side, the thumb as far back as the seams of the trousers, and close to the fore-finger.

The flank towards which men are ordered to march, is called the Pivot flank, the opposite flank is called the Reverse flank. Before a squad is ordered to march the pivot flank must be decided by the caution, *By the right*, or *By the left*.

During the march, care must be taken, that neither the head nor the eyes are ever turned towards either flank (except when wheeling), that the dressing is kept by the touch only, and that the shoulders are kept perfectly square.



When a soldier loses his touch, or finds himself a little behind or before the other men of his Squad, he must be taught to recover his place in the rank very gradually, and on no account to jump or rush to it, which would necessarily make him unsteady, and spoil the marching of the rest of the Squad.

#### SEC. 10.—QUICK STEP.

*Quick, March.* { On the word "*March*," the left foot will be carried straight to the front and without being drawn back placed softly on the ground, the toes turned out to an angle of 30 degrees, the right foot will then be brought forward in like manner, and the march continued without pause.

#### SEC. 11.—THE HALT.

*Squad, Halt.* { On the word "*Halt*," the rear foot will be brought up in line with the advanced one, so as to finish the step which was being taken when the command was given; the word should be given as one foot is coming on the ground.

After the word "*Halt*," men will stand perfectly steady, in whatever position they may be, unless ordered to dress.

#### SEC. 12.—CHANGING FEET.

*Change, Feet.* { To change feet in marching, the advanced foot will complete its pace, and the ball of the rear foot will be brought up quickly to the heel of the advanced one, which will instantly make another step forwards, so that the cadence will not be lost, in fact 2 successive steps will be taken with the same foot.

#### SEC. 13.—MARKING TIME.

In marking time, the feet will be moved up and down, without bending the knee too much: the cadence must be preserved. At the word "*Forward*," the usual pace of 30 inches will be resumed.

#### SEC. 14.—DOUBLE MARCH.

On the word "*Double March*," the men will step off together with the left feet; keeping the heads erect, and the shoulders square to the front; the knees a little bent; the body being more advanced than in the other marches; the arms will hang with ease down the side of the thigh. The instructor will be careful to habituate the soldier to the full pace of 36 inches, otherwise he will get into the habit of a short trot, which would defeat the obvious advantages of this degree of March.

The soldier will be taught to make time in the double cadence in the same manner as in quick time.

## SEC. 15.—CLOSING TO RIGHT OR LEFT.

*Right, Close,  
Quick, March.*

On the word "*Quick March*," eyes will be turned slightly to the right, and each man will carry his right foot 10 inches directly to his right, and instantly bring up his left foot till the heel touches his right heel, and proceed to take the next step in the same manner; shoulders kept square, knees not bent, unless on rough or broken ground. The direction must be kept in a straight line to the flank, neither inclining to the front nor rear.

*Squad, Halt.*

At the word "*Halt*," the men will bring their heels together, turn their eyes to the front, and remain steady.

Soldiers will be practised in closing to the left in like manner.

## SEC. 16.—TURNING ON THE MARCH.

*Squad,  
To the Right,  
Turn.*

1. *Turning to the Right and then to the Front.*—On the word "*Turn*," which should be given as the left foot is coming to the ground, each soldier will turn his body at right angles to the direction in which he has been moving, and move on at once, without checking his pace, in the new direction.

*Squad,  
Front, Turn.*

On the word "*Turn*," which should be given as the right foot is coming to the ground, each soldier will turn again to the front and move on without checking the pace.

*Squad,  
To the Left,  
Turn.  
Squad,  
Front, Turn.*

2. *Turning to the left and then to the Front.*—Soldiers will turn to the left in like manner, the word being given as the right foot is coming to the ground, after which they will turn to the front, the word being given as the left foot is coming to the ground.

*Turning to the Right and Left About.*—Soldiers will also be taught to turn about on the march, which must be done in three short paces, without losing the cadence. Having completed the turn, the soldier will at once move off in the opposite direction to that in which he was previously marching, the fourth pace being a full pace of 30 inches.

## SEC. 17.—WHEELING FROM THE HALT IN QUICK TIME.

*Right, Wheel,  
Quick, March*

1. *Wheeling Forwards.*—At the word "*Right Wheel*," the right hand man will face to the right; on the word *March*, the squad will step off, the whole turning their eyes to the left (the wheeling, or outward flank), except the left hand man, who will look inwards, and step the usual pace of 30 inches, every other man shortening his pace in proportion to his distance from the standing flank on which the wheel is made. During the wheel, each man must touch lightly towards the pivot, or standing flank, keeping his shoulders square in line: crowding must be carefully avoided.

*Squad, Halt.* { On the word "*Halt*," the men will halt and turn their  
*Dress.* { eyes to the front. At the word "*Dress*," they will take  
up their dressing by the right, as already described.

*Eyes, Front.* { On the words "*Eyes Front*," the men will turn their  
heads and eyes to the front, and remain steady.

In like manner soldiers will be practised in wheeling to the left, the left hand man facing to the left.

#### SEC. 18.—WHEELING ON A MOVEABLE PIVOT.

*Right Wheel.* { When the squad is marching to the front, and is required to change direction to the right, it will receive the word *Right-wheel*; upon which the men will wheel to the right on the principle explained in Section 17, the pivot man moving his shoulders gradually round with the squad, at the same time circling round the wheeling point with very short paces.

*Forward.* { On the word "*Forward*," the whole will turn their eyes to the front, and step off at the full pace of 30 inches.

The Instructor will give his word *Forward* when he sees that the rank is within one pace of the front on which he intends it to move; which may be done at any degree of the circle.

In like manner, the squad will be taught to change direction to the left.

### SQAD DRILL WITH ARMS IN SINGLE RANK.

#### SEC. 19.—POSITION OF THE SOLDIER.

When the firelock is shouldered, the soldier will remain in the position described in Section 1, except that the wrist of the left hand will be turned a little out, the better to embrace the butt. The firelock will be placed in the hand, with the two first joints of the fingers grasping the inside of the butt, the forefinger half an inch from the heel, the thumb alone to appear in front. The piece must be carried at the full length of the arm, elbow straight, the butt a little forward, the fore part nearly even with the front of the thigh the two first joints of the fingers will lightly touch the thigh when at the halt, but must not partake in the slightest degree of its motion, when on the march. The firelock will rest against the hollow of the shoulder, and be held firmly and steadily.

Having advanced thus far in single rank by squads, the company will now be formed with arms in one body with two ranks, and put through the whole of the foregoing sections of drill.

Open order must be taken before commencing the Manual Exercise.

#### SEC. 20.—FORMATION OF THE COMPANY IN TWO RANKS.

The men will fall in with carried arms, sized from flanks to centre, care being taken that the rear rank man is as near as possible of the same

height as his front rank man ; each rear rank man will be placed one pace of 30 inches from his front rank man, measuring from heel to heel, and will cover him correctly looking at the middle of his neck. Files lightly touching to the right.

#### SEC. 21.—TELLING OFF A COMPANY.

The Company will now be numbered off from right to left ; and it must be explained to the men that odd numbers are right files, and even numbers left files, except when there happens to be an odd number on the left of the Company, in which case, the left file but one, although an even number, will be a right file, and the left file of the Company, though an odd number, will be a left file, so that there will be two right files together. Should there be a blank file, that is, a file without a rear rank man, it will always be the third file from the left. It will then be divided into two sub-divisions and four sections. When a company cannot be divided into sub-divisions of equal strength, the right sub-division will be the stronger. When a sub-division is divided into sections of unequal strength, the outward section, on whichever flank of the Company it may be placed, will be the stronger.

#### SEC. 22.—POSITION OF OFFICERS.

The Captain will place himself on the right of the front rank, covered by his covering Sergeant, who will be on the right of the rear rank ; the remaining Officers and Sergeants will place themselves in a third or supernumerary rank, three paces from the rear rank ; the Lieutenant in rear of the second file from the left, the Ensign in rear of the Centre of the Company, the third supernumerary in rear of the left sub-division, the fourth in rear of the right, the fifth in rear of the left, and so on.

#### SEC. 23.—DRESSING IN TWO RANKS.

The front rank will dress as described in Section 4. The rear rank man will continue looking to their front, and will cover and correct their distances as the front-rank men take up their dressing.

#### SEC. 24.—FORMATION OF FOURS.

*Company,* } On the word "*Fours*," the rear rank will step back one  
*Fours.* } short pace of 12 inches.

*Deep.* } On the word "*Deep*," the left files will double behind  
} the right files, by taking a pace to the rear with their left  
} feet, and a pace to the right with their right feet.

*Company,* } On the word "*Front*," the left files will move up in line  
*Front.* } with the right files, by taking a pace to the left with their  
} left feet, and a pace to the front with their right feet ; the  
} whole of the rear rank men will then close up to their proper  
} distances from the front rank by taking a short pace  
} to the front with their left feet.

*Company,* }  
*Fours.* } As already described.

*About.* } On the word "*About*," the Company will face to the  
} right about, and the left files will double in the proper rear  
} of the right files by taking a pace to the front with their  
} right feet, and a pace to the left with their left feet.

- Company,* } As already described.  
*Fours.* }
- Right.* { On the word "*Right*," the company will face to the right, and the left files will form on the right of the right files, by taking one pace to the right with the right feet, and one pace to the front with their left feet.
- Company,* } On the word "*Front*," the company will face to the left, and re-form two deep, as already described.  
*Front.* }
- Company,* } As already described.  
*Fours.* }
- Left.* { On the word "*Left*," the company will face to the left, and the left files will form on the left of the right files by taking one pace to the left with their left feet, and one pace to the rear with their right feet.
- Company,* } On the word "*Front*," the company will face to the right, and re-form two deep as already described.  
*Front.* }

The company will be practised to form fours to the right or left on the march; on the word "*Fours*," the rear rank will mark time one pace; on the word "*Right*," or "*Left*," the company will turn to the named flank; the right files will mark time two paces, while the left files move to their places as when halted; the whole company will then move on in the new direction. On the word "*Front Turn*," the company will turn to the front, the right files will mark time two paces for the left files to resume their places, and the rear rank to regain its distance, the whole company will then march steadily to the front.

SEC. 25.—WHEELING TO THE RIGHT OR LEFT BY FOURS ON THE MARCH.

A company taking ground to a flank by fours can wheel to the right or left on the pivot men of fours, each four wheeling successively round the same point.

SEC. 26.—FORMING TO THE FRONT.

When a company taking ground to a flank by fours is ordered to form to the front, the leading file will mark time, the remainder will turn, if right is in front, to the left, if left is in front, to the right, form two deep, and wheel to the right or left, looking to the outward flank, and feeling inwards as described in Section 17.

SEC. 27.—TAKING OPEN ORDER.

- Rear Rank,* { On the word "*Order*," the Officers will recover their  
*Take open* { swords, the Captain will move out and place himself one  
*order.* { pace in front of the second file from the right; the Lieu-  
tenant and Ensign, passing round the left flank of the  
Company, will place themselves one pace from the front  
rank, the former in front of the second file from the left,  
and the latter in front of the centre of the Company. The  
flank men of the rear rank will step back two paces and  
face to their right, raising their right arms.

*March.*

On the word "*March*," the Officers will take two paces to the front, look to their right and dress, the covering Sergeant will take one pace to his front with the left foot, thus filling up the place vacated by the Captain; the rear and supernumerary ranks will step back two paces, the flank men of the rear rank will come to their front and raise their right arms.

*Rear rank dress*  
*Eyes, Front.*  
*Supernumerary*  
*Rank, Dress.*  
*Eyes, Front.*

On the word "*Dress*," the rear and supernumerary ranks will look to their right and dress. On the words "*Eyes, Front*," they will turn their eyes to the front, and the flank men of the rear rank will drop their right arms.

*Steady.*

On the word "*Steady*," the Officers will point their swords and look to their front.

When a Company is formed singly the Captain will dress the Officers and give the word "*Steady*;" the Sergeant on the right of the supernumerary rank will dress the rear and supernumerary ranks; and will give the words "*Eyes, Front*," as the dressing of each is completed.

## SEC. 28.—RESCUING CLOSE ORDER.

*Rear rank.*  
*Take close order*

On this caution Officers will recover their swords and face to the right.

*March.*

On the word "*March*," the rear and supernumerary ranks will take two paces to their front, the Covering Sergeant one pace to his rear, resuming his place on the right of the rear rank.

The Captain will move to his place on the right of the front rank, the Lieutenant and Ensign moving to their places in the supernumerary rank round the left flank of the Company.

## SEC. 29.—SQUARES.

## FORMING CLOSE COLUMN OF SECTIONS AND COMPANY SQUARE.

For this formation, the Company will stand with fixed bayonets and shouldered arms.

*Form, Close*  
*Column, of*  
*Sections.*

On the word "*Sections*," the right section will face to the left, and disengage to the front by the leading file closing 2 paces to the right, the front rank man inclining rather back; the third and fourth sections will face to the right and disengage to the rear, in the same manner.

*Quick.*  
*March.*

On the word "*March*," they will step off and form close column on the second section, halting and fronting without word of command as they arrive in column; the distance between the sections will be one pace; the Captain will place himself on the left of the front rank of the leading section, covered by his covering Sergeant, the supernumeraries will be on the reverse flank of their respective sections.

*Prepare,  
For Cavalry.*

On the words "*Prepare for Cavalry*," the Officers and Non-Commissioned Officers will move into the centre of the Column; the men will then face outwards, so as to show a front of equal strength in every direction.

*Ready.*

On the word "*Ready*," if the square is two or three deep the front rank only will kneel; if four deep the two front ranks will kneel. The remainder will come to the Ready, as described in the Platoon Exercise.

*Re-form.  
Column.*

The Company will be re-formed as follows :--

On the word "*Column*," the men will face to their proper front in column, and touch into the pivot flanks, the Captain and Supernumeraries will return to their places on the flanks.

*Re-form.  
Company.*

On the word "*Company*," the leading section will face to the right, the third and fourth to the left.

*Quick, March.*

On the word "*March*," they will move out, the right section will turn to the rear when clear of the second section, will halt, front, and dress upon it; the third and fourth sections will turn to the front in succession, when clear, and dress up into line with the second section, without word of Command.

If the men count the number of paces that take them into Column by taking the same number when re-forming Company, they will be able to turn to the front and rear together.

#### SEC. 30.—FORMING RALLYING SQUARES.

The instructor of the drill having caused the Company to disperse to a certain distance, will give the word "*Form Rallying Square*," at the same time placing an officer as a rallying point, who will hold up his sword and face the supposed enemy; the Men will hasten to the person so posted, fixing bayonets and ordering arms as they reach him. The two first who join him form on his right and left, facing outwards. The three next place themselves in front of those posted, and three others in rear, facing to the rear, thus forming a square. The instructor will cause the next four men to take post at the several angles; and others as they come up, will complete the different faces between these angles.

#### MANUAL EXERCISE.

Percussion Arms require to be carefully handled, in order to prevent the cock being loosened, by which its direct fall on the nipple would be rendered uncertain. They are at all times, when loaded, to be used with the cock down on the nipple, and sentries may be permitted to carry their arms, when loaded, in the same manner, in order to secure the cap in its place; but, to avoid accidents, they are to be carried on all other occasions, at half cock after being loaded.

## WORDS OF COMMAND.

## EXPLANATION.

1st. <i>Secure, Arms.</i>	Seize the rifle with the right hand under the guard, turning the lock at the same time to the front, but without moving the rifle from the shoulder; thumb and fingers round the stock, arm close to the body.
Two.	Turn the rifle with the right hand, so as to bring the guard and sling to the front, and the cock close to the body, at the same time seize the rifle with the left hand, little finger as high as the shoulder: the left arm to be close to the rifle, which is to be perpendicular.
Three.	Bring the right hand smartly to the left side after giving the butt a cant to the left rear with the fingers to bring the rifle under the arm; the cock to be close up under the armpit, the barrel to be uppermost, slanting downwards, and inclining to the right front, the rifle to be firmly grasped with the left hand, which is to be rather below the hip, the left elbow a little to the rear, the lock not to be visible.
N. B.—In marching, or standing at ease, the right hand is to grasp the rifle above the lower hand, the sling or stock to rest on the left arm, and the left hand to lay hold of the right arm above the wrist.	
2nd. <i>Shoulder, Arms.</i>	Raise the rifle to a perpendicular position with the left hand, bringing the sling and guard to the front, and seize it with the right hand under the guard, the left arm to be close to the rifle, the right arm to the body.
Two.	Turn the rifle, without moving it from the shoulder, with the right hand, so as to bring the lock plate full to the front, and grasp the butt with the left hand, knuckles to the front, forefinger half an inch from the heel, and the thumb upon it.
Three.	Bring the right hand smartly to the right side, and turn the rifle with the left hand so as to bring the barrel to the front, but without moving it from the shoulder.
3rd. <i>Order, Arms.</i>	Seize the rifle with the right hand above the lower hand, keeping the elbow as close to the body as possible.
Two.	Bring the rifle down to the right side, allowing the little finger to slip behind on the barrel in doing so, and place the butt quietly on the ground; the toe of butt to be in line with toe of right foot.
Three.	Bring the thumb of the right hand on the sling, and place the muzzle in the hollow of the shoulder; the hand to be flat on the side of the stock.
4th. <i>Fix, Bayonets.</i>	At the word " <i>Fix</i> ," place the thumb of the right hand as quickly as possible behind the barrel, and grasp the rifle; at the same time seize the socket of the bayonet with the left hand, knuckles to the front, thumb to the rear, fingers pointing to the ground, keeping the elbow close to the side. At the word " <i>Bayonets</i> ," push the muzzle of the rifle a little forward, and draw the bayonet towards it, raising the blade as soon as the point clears the



scabbard (bringing the arm close to the body in doing so), and with the utmost celerity fix it, by placing the socket on the muzzle with the flat part of the blade to the front, and when it falls on the block of the foresight, turning it with the thumb (which is to be shifted to the left side of the neck bend or of bayonet) from left to right, after which turn the locking ring in the same direction under the block of the foresight with the thumb, then quit the left hand and bring the rifle as quickly as possible to the "Order" as above detailed, and stand perfectly steady.

5th.  
Shoulder.  
Arms.

At the word "Shoulder," place the thumb of the right hand behind the barrel, and seize the rifle.

At the word "Arms," give the rifle a smart cant with the right hand and grasp it below the lower band, keeping the barrel close to the shoulder.

Two.

Carry the rifle as quickly as possible to the left side (quitting the right hand immediately), and seize it with the left hand at the full extent of the arm, grasping the butt on the inner side with the two first joints of the fingers, the forefinger half an inch from the heel, the thumb upon it in front, the wrist turned out a little so as to embrace the butt.

6th.  
Present, Arms.

1st. Seize the rifle with the right hand under the guard, turning the lock to the front, but without moving it from the shoulder, thumb and fingers round the stock.

Two.

Raise the rifle with the right hand perpendicularly from the shoulder to the *poise*, bringing it in front of the centre of the body, at the same time place the left hand smartly on the sling with the fingers pointing upwards, the thumb close to the forefinger, the point in a line with the mouth, the wrist on the trigger guard, the left elbow close to the butt, the right elbow and butt close to the body.

Three.

Bring the rifle down with a quick motion as low as the right hand will admit without constraint, and grasp it with the left hand, the little finger touching the projection above the lock plate, thumb between stock and barrel, and draw back the right foot at the same instant, so that the hollow of it may touch the left heel; the right hand lightly holding the small of the butt, fingers under the guard pointing rather downwards. The rifle in this position (guard to the front) to be totally supported with the left hand close and in front of, and opposite the centre of the body.

7th.  
Shoulder.  
Arms.

By a turn of the right wrist, bring the rifle to the left side, meeting it with the left hand at the full extent of the arm, and grasp the butt with the fingers, as in No. 5; fingers of the right hand to be under the cock and close to the lock side of stock, thumb between stock and barrel, arm close in to the body; and bring up the right foot at the same instant to its original position.

Two.

Bring the right hand smartly to the right side.

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to the left  
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 ers, as in No. 5;  
 rock and close to  
 stock and barrel,  
 the right foot at

ht side.

8th.  
*Port, Arms.*

*The*

Seize the small of the butt with the right hand, fingers round the stock, thumb under the guard, without moving the rifle from the shoulder; arm close in to the body.

Bring the rifle to a diagonal position across the body, lock to the front, meeting it at once with the left hand immediately below the lower band, thumb and fingers round the piece; the left wrist to be opposite the left breast, both elbows close in to the body, the muzzle standing upwards, so that the barrel may cross opposite the point of the left shoulder.

9th.  
*Charge,  
 Bayonets.*

Make a right half face by raising the toes, and turning upon the heels, the right toes to point to the right, the left fall to the front, and bring down the rifle to nearly a horizontal position at the right side, with the muzzle inclining a little upward; the right wrist to rest against the hollow of the thigh below the hip, the right hand to grasp the small of the butt, and the thumb of the left hand to point to the muzzle.

When a battalion in line charges with bayonets, at the command "*Prepare to Charge*," the rifles of the front rank will be brought to the long trail, those of the rear rank remaining at the slope; at the word, "*Charge*," the rifles of the front rank will be brought smartly to the charging position, and the pace increased to "double march," carefully avoiding too much hurry. On the word "*halt*," the battalion will halt, the front rank coming to the shoulder, the rear rank to the carry.

10th.  
*Shoulder,  
 Arms.*

Bring the rifle up to the left side, and seize it with the left hand at the full extent of the arm, fingers grasping the butt, as in No. 5, and face to the front; the fingers of the right hand to be under the cock and close to the lock side of stock, thumb between stock and barrel, elbow close in to the body.

Bring the right hand smartly to the right side.

11th.  
*Slope,  
 Arms.*

Raise the rifle until the guard is pressed gently against the hollow of the shoulder without moving the upper part of the arm, bringing the left hand in a line with the elbow and the toe of the butt opposite the centre of the left thigh.

12th.  
*Stand, at  
 Ease.*

Bring the right hand smartly across the body, and place it on the left hand, thumbs of both hands to be on the heel of the butt, that of the left nearest to the lock; at the same time move the left foot six inches to the front, with the toes pointing to the left front (feet separated), the left knee to be slightly bent, the greater part of the weight of the body to be brought on the right leg, the butt to be thrown a little forward.

- 13th. } Bring the right hand smartly to the right side, and the  
*Attention.* } left foot back in line with the right.
- 14th. { Drop the left arm to the full extent, and bring the right  
*Carry, Arms.* { hand at the same time across the body (elbow close), plac-  
 ing the fingers under the cock and close to the lock side  
 of stock, thumb between stock and barrel, to steady the  
 rifle to the shoulder.
- Two.* } Bring the right hand smartly to the right side.
- 15th. }  
*Order, Arms.* } As detailed in No. 3.
- 16th. {  
*Unfile,* { At the word "*Unfile*," place the thumb of the right  
*Bayonets.* { hand as quickly as possible behind the barrel, and grasp  
 the rifle. At the word "*Bayonets*," push the muzzle a  
 little forward and seize the rifle with the left hand immedi-  
 ately above the top band, thumb and fingers round the  
 stock and barrel, arm close to the body, as also the socket  
 of the bayonet between the forefinger and thumb of the  
 right hand, fingers closed in the hand, knuckles to the  
 front, arm close to the body, then with the second joint  
 of the forefinger turn the locking ring to the left, after  
 which extend the fingers under the "band" to raise the  
 bayonet, and again turn it to the left, then remove it from  
 the muzzle, and drop the point towards the scabbard, in-  
 clining the palm of the hand to the front in doing so, and  
 place the little finger on top of the socket; at the same  
 time force the muzzle of the rifle back to its proper posi-  
 tion with the left hand, which is to be immediately remov-  
 ed, and placed on the top of the scabbard to guide the  
 bayonet into it, the elbow to the rear and as close to the  
 body as possible; this being done, come smartly to the  
 position of "*Ordered Arms*."

	<p><i>From the Order, with Long          and Short Rifle.</i></p>	<p><i>From the Shoulder, with          Long Rifle.</i></p>
<p><i>Trail Arms.</i></p>	<p>Bring the rifle to a hori-          zontal position at the right          side, holding it with the right          hand behind the lower band          (thumb and fingers round the          piece) at the full extent of          the arm; at the same time          the rear rank man will take          a short pace to the rear, so          that the muzzle of his rifle          may be just in front and          clear of the wrist of his          front rank man.</p>	<p>Seize the rifle with the          right hand under the lower          band, arm close in to the          body, thumb and fingers          round the piece.</p> <p><i>Two.</i>—Bring the rifle in          the right hand to a hori-          zontal position at the right side,          and hold it at the full extent          of the arm; at the same time          the rear rank man will take a          short pace to the rear, so that          the muzzle of his rifle may be          just in front and clear of the          wrist of his front rank man.</p>

*Change, Arms.* } Bring the rifle to a perpendicular position at the right side, and seize it with the left hand close above the sight, and carry it round to the left side, bringing it in a horizontal position at the full extent of the arm.

When moving with *trailed arms*, at the word "*halt*," arms are to be ordered, when the rear rank will close to the front. In Rifle corps at the word "*march*," arms are to be trailed without any command to that effect.

*Order, Arms.* } Bring the rifle at once to a perpendicular position at the (from the trail). } right side, and place the butt quietly on the ground, and come to the position of "*order arms*."

*17th. Stand, at Ease.* } As detailed at Section 2.

N. B.—Trailed arms, for the ease of the soldier, may be used on the line of march, or in marching to and from the place of parade or exercise, or with guards marching to and from their posts, or when moving as light infantry.

Trailed arms must never be used with fixed bayonets, except in preparing to charge; nor in file marching, nor in any field movements where close marching is required.

If required to move a few paces backwards or forwards when at *ordered arms*, the rifle is merely to be raised from the ground, keeping the barrel close to the shoulder.

#### METHOD OF PILING ARMS.

The company to stand in close order, with ordered arms, and to be numbered from right to left.

*Pile, Arms.* } At the word "*pile*" the rear rank will take a pace of ten inches to the rear, and the front rank draw back their right feet in order to face to the right about; at the word "*arms*," the front rank will face about, bringing their rifles with them to ordered arms; the front and rear rank men will then place the butts, locks inwards, against the inside of their outer feet as close to the heel as possible, after which the right file rear rank and the left file front rank will incline their rifles towards each other, and cross ramrods; the right file front rank will at once place his left hand round the muzzle of his left file, bearing it from him, and with his right hand lock ramrods by passing his between the ramrods and to the right of the muzzles of the other rifles, the left file rear rank will then lodge his rifle between the muzzles of the rifles of the front rank, sling uppermost. When there is an odd file, the front and rear rank man will lodge his rifle against the pile nearest his right hand.

*Stand clear.* } Ranks take a pace of ten inches backwards face towards the pivot flank.

*Stand to.* } Ranks facing towards the pivot flank, will face inwards and close on their arms by taking a pace of ten inches forwards.

*Unpile, Arms.* [ At the word "*unpile*," seize the rifle with the right hand under the top band, front rank at the same time drawing back their right feet in order to face to the right about; at the word "*arms*," unlock the ramrods without hurry, by inclining the butts inwards, and come to ordered arms, the front rank will then "*front*," and the rear rank close on it by taking a pace of ten inches forward.

*N. B.*—It is necessary to be careful in piling and unpiling arms, to prevent damage being done to the ramrods and sights.

LIGHT INFANTRY MOVEMENTS OF A COMPANY.

EXTENDING.

In extending, as a general rule, it is the business of the rear rank man of each file to regulate the distance, and of the front rank man to look to the direction.

The number of paces that files are to extend from each other may be specified in the caution by the commander, thus: "*Three paces from the Right, Extend.*" When no number is specified, six paces will be the regulated distance between files.

*From the Right, (Left Centre, or No.—File.) Extend.* [ 1. *From the Halt.*—On the word "*Extend*," or on the last sound of the bugle, the captain will place himself in rear of the centre of the company, the senior supernumerary in rear of the right, and the second senior in rear of the left.

The file on the named flank, or the centre or named file, will kneel down, the remainder will trail arms, face outwards, and extend in quick time.

The front rank men will move direct to the flank, covering correctly on the march, the rear rank men will cast their eyes over the inward shoulder, and tap their respective front rank men as a signal to halt, front, and kneel, when they have gained their proper distances.

Men must be taught to extend from any file of a close column of sections, without previously re-forming company; the named file will kneel, and the remainder will face outwards and extend as already described.

*From the Right, (Left Centre, or No.—File.)—Extend.* [ 2.—*On the March.*—On the word "*Extend*," or on the last sound of the bugle, the file on the named flank, or the centre or named file, will continue to move straight forward in quick time, the remainder will make a half turn to the flank, to which they are ordered to extend, and move off in double time.

As soon as each file has extended to its proper distance, it will turn to its front and resume the quick time; the rear rank men covering their front rank men, and the whole keeping in line with the directing file.

Men in extended order may be directed to increase the distance between their files any given number of paces, from either flank, the centre, or any named file. The command will be given thus: "*To eight paces from the right, Extend.*" If no number of paces is specified, or if the bugle sound the "*Extend*," the skirmishers will open out one-half more than their original extension: thus, if they are at six paces distance, they will open to nine.

When a company, extending on the march, is halted before all the files are extended, the remainder will make a half turn outwards into file, break into quick time, trail arms and complete their extension as from the halt.

*On the (Left, or No.)*

*On the (Left, or No.)*

*Com Ad*

*Comp Ret*

*To the (or Incl*

CLOSING.

*On the Right,  
(Left, Centre,  
or No.—File)  
Close.*

1.—*On the Halt.*—On the word “Close,” or on the last sound of the bugle, the file on the named flank, or the centre, or named file, will rise, order arms, and stand at ease; the remainder will rise, face towards it, and close at quick time, halting, fronting, ordering arms, and standing at ease in succession as they arrive at their places; the officers will remain in the rear, unless directed to take post.

The file on which the skirmishers close may be faced in any direction; the remainder will form upon it, facing in the same direction.

*On the Right,  
(Left, Centre,  
or No.—File)  
Close.*

2.—*On the March.*—On the word “Close,” or on the last sound of the bugle, the file on the named flank or centre, or the named file, will move steadily on in quick time; the remainder will make a half turn towards it, and close in double time, turning to the front and resuming the quick time as they arrive at their places.

When a company closing on the march, is halted before all the files are closed, the remainder will make a half turn inwards into file, break into quick time, and complete the formation as from the halt.

ADVANCING IN SKIRMISHING ORDER.

*Company,  
Advance.*

On the word “Advance,” or on the last sound of the bugle, the men will rise and step off in quick time with trailed arms, keeping their distance from the centre.

RETIRING IN SKIRMISHING ORDER.

*Company,  
Retire.*

On the word “Retire,” or on the last sound of the bugle, the men will rise, face to the right about, and step off in quick time, rear rank in front, keeping their distance from the centre.

Men in extended order will invariably face or turn to the right about, whether they are advancing, retiring, firing, or not firing.

INCLINING TO A FLANK.

*To the Right,  
(or Left)  
Incline.*

On the word “Incline,” or on the last sound of the bugle, the skirmishers will make a half turn to the flank to which they are ordered to incline, and move in a diagonal direction, until they are ordered to resume their original direction to the front or rear, by the word or sound “Advance,” or “Retire.” If the Skirmishers have made a half turn, and are again ordered to incline in the same direction, or the bugle sounds the “Incline” a second time, they will complete the turn by making a second half turn and will take ground to the flank in file.

If the *Halt* sounds when men are inclining, they halt, front, and kneel.

## SKIRMISHERS CHANGING FRONT OR DIRECTION FROM THE HALT.

A line of Skirmishers halted, can change front on any two named files that may be placed as a base for the rest to form upon.

A change of front in this manner may be made at any angle, but it is not likely to be required to a greater extent than the sixteenth, or at most the eighth of a circle.

*Change, Front, To the Right, (or Left) on the 2 Centre, (or on No.—and No.—) Files.*

1. *From the Halt.*—On the caution,—the two named files will rise, and the Captain of the Company will dress them in the direction required; as soon as they are placed, they will again kneel.

*Double March.*

On the word "*March*," the whole will rise, and if all the flanks are to be thrown forward on a flank, they will make a half-face inwards and move across by the shortest way to their places in the new line, dressing on the two base files, as they successively halt, and then kneeling.

If all the files are to be thrown back on either flank, they will make a three quarters face in the direction of the base files, then move across and halt, front, and kneel successively as they arrive at their places in the new line.

If the change is on two central files, part of the Company will be thrown forward and the rest back, as above described.

Recruits should first be taught this movement in quick time, and by separate words of command; thus, after placing the base files, "*Rise*;" "*Left Sub-Division, Right Half-Face*;" "*Right Sub-Division, Left About Three Quarters Face*;" "*The Whole*;" "*Quick March*."

*Skirmishers, (Right or Left) Wheel.*

2. *On the March.*—A line of Skirmishers on the march may change their direction gradually, on the same principles, as a Company wheels on a moveable pivot. On the word "*Wheel*," or on the last sound of the bugle, the pivot file will halt, and the remainder will circle round it, the front rank man looking outwards for the dressing, and the rear rank men keeping their distances from the pivot flank.

*Forward.*

On the word "*Forward*," the whole line will advance by the centre.

## FIRING IN SKIRMISHING ORDER.

The men of a file must always work together. Both men should never be unloaded at the same time; they should always load when practicable under cover; before moving to the front, when advancing, and after falling back, when retiring.

*Commence, Firing.*

1. *Firing on the Halt.*—On the words "*Commence Firing*," or on the last sound of the bugle, the front-rank men will make ready, fire, and load; the rear-rank men when their front-rank men are in the act of capping, will make ready, fire, and then load.

A line of skirmishers may be ordered to lie down, or sin-

## THE HALT.

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gle soldiers may lie down for the sake of cover. When firing in this position both elbows must rest on the ground to support the body and rifle; the men will load on their knees. Riflemen may fire on their backs in favorable situations; in this position the feet are to be crossed, the right foot passed through the sling of the rifle, and the piece supported by it. If in very exposed situations a soldier wishes to load lying, he will roll over on his back, and place the butt of his firelock between his legs, the lock upwards and the muzzle a little elevated.

*Commence,  
 Firing.*

2. *Firing when Advancing.*—On the words "*Commence Firing.*" or on the last sound of the bugle, the whole of the skirmishers will make a momentary halt, the front rank man of each file will fire (kneeling if preferred), and take a side pace to his left; the rear rank man will then pass on, and the front rank man will follow close behind him, loading on the march; when in the act of capping he will give the word "*Ready*" in an under tone of voice, on which the proper rear rank man will fire, and both men will proceed as above described.

When men find difficulty in loading on the march, they may halt and load, and then double up to their file leaders.

When cover presents itself, the men must be taught to take advantage of it, by running forward from place to place as soon as they are loaded; when any large object affording considerable cover comes in their way, several files may run up behind it, fire, load, and then move on and regain their distances and places in the general line.

*Commence,  
 Firing.*

3. *Firing when Retiring.*—On the words "*Commence Firing,*" or on the last sound of the bugle, both ranks will halt and front, the front rank man of each file will fire, face to the right about, and retire in quick time, passing by the left of his rear rank man, (who will follow close behind him) and loading as he retires; when his loading is completed, both ranks will halt and front, the rear-rank man will fire and proceed in the manner described for the front rank man.

On rough ground, files will run back from one place of cover to another, taking care before they leave one station, to select another to fall back upon.

One man of each file should fire previous to moving, and re-load when he is again under cover. As the principal object is to keep the enemy in check, skirmishers when retiring, should hold each station as long as possible without risk of being cut off by the enemy, or of being shot by their comrades.

When a line of skirmishers halted, is ordered to advance or retire firing, the front rank men will first fire, the whole will then rise, and proceed as already described.



FIRING WHILE INCLINING TO A FLANK, OR TAKING GROUND TO A  
FLANK IN FILES.

When skirmishers are ordered to fire, or the bugle sounds the fire, while they are inclining to the right or left, or taking ground to a flank in files, the front rank men will halt, take steady aim and fire, the rear-rank men moving on; having fired, the front-rank man will double up to the proper rear of their rear-rank men, and then load on the march, or load at the halt, and then double up. When their loading is completed, the rear rank men will proceed in like manner.

When skirmishers either halted, or on the march, are directed to cease firing, they will complete their loading, and the rear-rank men will resume their places in the proper rear of their front-rank men, if not there already.

Whenever skirmishers are directed to halt, by word of command or bugle sound, they will halt and kneel, facing to their proper front, and if firing, they will continue firing.

A COMPANY DIMINISHING FRONT BY FORMING SUB-DIVISIONS  
FROM THE HALT.

<i>Caution.</i>	}	As a company in column right (or left) in front.
<i>Form Sub-divisions.</i>	{	If right is in front, on the command " <i>Form Sub-divisions.</i> " from the Instructor of the drill, the lieutenant will fall back to mark the spot where the pivot flank of the left sub-division will rest.
<i>Left, Sub-division. Right About. Three Quarters face.</i>	{	On the word " <i>Face</i> " from the instructor, the left sub-division will face as ordered: the captain will take a pace to the front and face inwards, and the rear rank man of the left file of the right sub-division will fall back and cover the third file from the left of his sub-division, in order to leave room for the flank of the left sub-division to pass.
<i>Quick, March.</i>	{	On the word " <i>Quick March.</i> " from the Instructor, the left sub-division will march diagonally to the rear until the pivot file reaches the Lieutenant, who will give the word " <i>Halt, Front, Dress.</i> " remaining steady on the left of his sub-division.
<i>Halt, Front, Dress.</i>	{	During this movement, the captain and covering sergeant will move across to their places on the left of the leading sub-division, and the rear rank man of the pivot file of that sub-division, as soon as the other sub-division has passed him, will resume his place.

The captain may occasionally have to give the words "*Left (or Right) Sub-division; Right (or Left) about, three quarters, Face,*"—in which case he will first take his pace to the front, and face inwards.

A COMPANY DIMINISHING FRONT BY FORMING SUB-DIVISIONS ON THE MARCH.

<p><i>Caution.</i></p> <p><i>Form</i></p> <p><i>Sub-divisions.</i></p> <p><i>Left Sub-division, Mark</i></p> <p><i>Time.</i></p> <p><i>Right, Half Turn.</i></p> <p><i>Front, Turn.</i></p>	<p>{</p> <p>{</p> <p>{</p> <p>{</p> <p>{</p> <p>{</p> <p>{</p>	<p>As a company in column right (or left) in front.</p> <p>A company marching in quick time, as a company in open column (suppose right in front), will receive the cautionary command from the instructor of the drill, "<i>Form Sub-division</i>;" on which the captain will give the words "<i>Left Sub-division mark time</i>," when the reverse flank of that sub-division is clear of the other, "<i>Right, Half Turn</i>," on which it will make a half turn to the right, and move on at once in the diagonal direction without the word "<i>Forward</i>." The left sub-division having doubled properly behind the right, the lieutenant will give the words "<i>Front, Turn</i>," and place himself on its pivot flank.</p> <p>During this movement, the captain and covering sergeant will move across to their places on the left of the right sub-division, and the lieutenant will move across between the sub-divisions, so as to meet the pivot flank of the left sub-division as it arrives in columns.</p>
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The foregoing principles equally apply to a company in column, left in front, in which case the right sub-division will double in rear of the left.

SUB-DIVISIONS DIMINISHING FRONT BY FORMING SECTIONS.

The directions that apply to the formation of Sub-Divisions from a Company apply equally to the formation of Sections from Sub-Divisions; if a Company is halted the drill Instructor will give the words "*Left (or Right) Sections, Right (or Left) About, three quarters Face, Quick March*;" but if on the march the Captain will give the words "*Left (or Right) Sections, Mark Time, Right (or Left), Half Turn*," to both sections.

The section leaders giving the words "*Halt, Front, Dress, or Front, Turn*," the Lieutenant will move in the same manner as the Captain; the Ensign will take the command of the rear section, and Senior Sergeant that of the second section from the front.

SECTIONS INCREASING FRONT BY FORMING SUB-DIVISIONS FROM THE HALT.

<p><i>Form.</i></p> <p><i>Sub-divisions.</i></p> <p><i>Left Sections.</i></p> <p><i>Left Half Face.</i></p>	<p>{</p> <p>{</p> <p>{</p> <p>{</p>	<p>A Company standing in open column of sections (suppose right is front) will receive from the Instructor of the drill the cautionary words of command "<i>Form, Sub-Divisions</i>," on which the covering Sergeant will move out to mark the left of the leading sub-division, the Lieutenant will move out to mark the left of the rear sub-division, and the leaders of the second and fourth sections will take their places in the supernumerary rank.</p> <p>On the words "<i>Left Sections, Left, Half Face</i>," from the Instructor, those sections will form as ordered, and the rear-rank men of the pivot files of the right sections will fall back and cover the third files from the left of their sections.</p>
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*Quick March,*  
*Halt, Front,*  
*Dress.* { On the words "*Quick March,*" the left sections will step off in the diagonal direction, the Captain moving across to the covering Sergeant. As the left sections come up to the rear-ranks of the right, the Captain and Lieutenant will give the words "*Halt, Front, Dress,*" to their respective sub-divisions and fall in at once on their pivot flank, the covering sergeant and rear rank men of the pivot files of the right sections taking their places at the same time.

When the captain has to give the words "*Left (or Right) Sections, Left (or Right) Half Face,*" he will first face inwards.

#### SECTIONS INCREASING FRONT BY FORMING SUB-DIVISIONS ON THE MARCH

*Form Sub-divisions.*  
*Left Sections,*  
*Left Half Turn.*  
*Double.*  
*Front Turn.*  
*Quick.* { A company marching in quick time in open column of sections (suppose right in front) will receive from the instructor of the drill the cautionary word Company. "*Form Sub-divisions,*" on which the captain will turn inwards, give the words, "*Left Sections, Left Half Turn, Double,*" and then move outwards (the lieutenant inclining outwards at the same time). As soon as the right flanks of the left sections are clear of the left flanks of the right sections, the captain and lieutenant will give the words "*Front, Turn,*" and when they are in line, "*Quick.*" falling in on the pivot flanks of the respective sub-divisions, the leaders of the second and fourth sections will take their places in the supernumerary rank on the caution.

A column of sections left in front will form sub-divisions in like manner, both from the halt and on the march.

#### SUB-DIVISIONS INCREASING FRONT BY FORMING COMPANY.

The directions that apply to the formation of sub-divisions from sections, apply equally to the formation of a company from sub-divisions.

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Fig 2

*Column of Companies right in front forming Column of Subdivisions from the Halt*



Captain  
Lieutenant

*Scale of 1 Inch to 1/2 Subdivision*

Fig 1

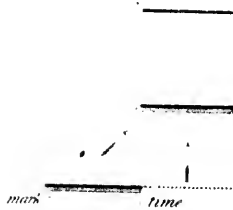
Fig 3

*Column of Subdivisions right in front forming Company from the halt*



Fig 1

*Column of Companies right in front forming Column of Subdivisions on the March*



*Scale of 1/2 Inch to 1/2 Subdivision*

*Column of Subdivisions right in front forming Company on the March*



Wheel on the Eighth File

Wheel on the Eighth File

paces of 30 paces



Engraved by G. S. Bolton, Halifax, N. S.

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## THE PLATOON EXERCISE, AND DIFFERENT FIRINGS FOR THE LONG RIFLE.

The recruit, having a thorough knowledge of the several motions of the firelock as detailed in the *MANUAL EXERCISE*, will now be taught the *PLATOON EXERCISE* as follows: for this purpose a squad of eight or ten men will be formed in a single rank at close files, with knapsacks on:—

- 1st. To load and fire standing.
- 2d. To load and fire as a front rank kneeling.
- 3rd. To load and fire as a rear rank kneeling.

### WORDS OF COMMAND.

### EXPLANATIONS.

*Platoon Exercise, by motions, standing*

To serve as a caution.

#### *From Shouldered Arms.*

#### *From Ordered Arms.*

*Prepare to load.*

Seize the rifle with the right hand as in the first motion of *order, arms*, at the same time make a right half face by raising the toes and turning upon the heels, left toes to point to the front, right toes to the right, eyes to the front.

Make a right half-face by raising the toes and turning upon the heels, the left toes to point to the front, the right to the right, carrying the rifle round with the body, eyes to the front.

*Two.*

*As a front rank*, carry the left foot ten inches to the left front (viz. 6 to the front and 4 to the left), moving the body with it; *as a rear rank*, carry the left foot six inches to the front, moving the body with it also, toes in both cases to point direct to the front; at the same time square the shoulders to the front from the hip, and bring the rifle down perpendicularly in the right hand opposite the left breast, to the full extent of the arm, and seize it with the left hand at the nose cap, thumb and fingers round the stock and barrel, and place the butt without noise on the ground, close against the inside of the left foot, the heel of it to be in a line with the ball of the big toe, barrel to the front and perpendicular, left arm close to the side; carrying the right hand at once to the pouch, (elbow to the rear,) and take up a cartridge, holding it with the fore-finger and thumb close to the top with the bullet in the palm of the hand.

*Two—as a front rank*, carry the left foot ten inches to the left front, (viz., 6 to the front and 4 to the left,) moving the body with it; *as a rear rank* carry the left foot six inches to the front, moving the body with it also, and at the same time square the shoulders to the front from the hip, and pass the rifle smartly to the left hand, which will seize it at the "nose cap," thumb and finger round the stock, and place the butt without noise on the ground, close against the inside of the left foot, the heel of it to be in a line with the ball of the big toe, barrel to the front and perpendicular, left arm close to the side, carrying the right hand at once to the pouch (elbow to the rear,) and take up a cartridge, holding it with the fore-finger and thumb close to the top with the bullet in the palm of the hand.

N. B. The feet as above detailed being at right angles, care must be taken that this angle is not increased by turning the right toes to the rear, as such would tend to alter the proper, and essential position of the right shoulder in loading and firing.

- Load.* Bring the cartridge to the forefinger and thumb of left hand, and with the arm close in to the right body, tear off the end of it with care, so as not to lose any of the powder; any motion which may be necessary to be from the wrist only.
- Two.* Bring the cartridge to the muzzle of the rifle, and pour the powder into the barrel, inclining the palm of the hand to the front, and bringing the right elbow square with the wrist in doing so, the thumb of left hand to point to the muzzle.
- Three.* Reverse the cartridge by dropping the hand over the muzzle, bringing the fingers round the barrel, knuckles to the front, and put the bullet into the barrel nearly as far as the top, holding the paper above the point of the bullet between the forefinger and thumb, still keeping the right elbow square with the wrist.
- Four.* By a turn of the wrist from left to right, pressing the little finger against the barrel, and dropping the right elbow into the side, tear off the paper which is held between the forefinger and thumb; when this motion is completed, the little finger to rest against the side of the barrel, the knuckles inclined towards the ground.
- Five.* Seize the head of the ramrod between the second joint of forefinger and thumb, knuckles towards the body.
- Roll.* Force the ramrod smartly half out of the stock, and seize it exactly in the middle between the first two fingers and thumb of the right hand, the forefinger to be in a line with the muzzle of the rifle, knuckles towards the body, the remaining fingers closed in the hand, the elbow square with the wrist; the thumb of left hand to point to the muzzle.
- Two.* Draw the ramrod entirely out with a straight arm, turn it, (dropping the head to the front, the point to pass close by the side of the left ear,) and place it on the top of the bullet; the ramrod to be perpendicular and held in the middle between the first two fingers and thumb of the right hand, the remaining fingers closed in the palm of it, the knuckles full to the front, the arm to be kept as close to the ramrod as possible without constraint, and without altering the squareness of the shoulders.
- Home.* Force the bullet straight down the barrel until the second finger touches the muzzle of the rifle, bringing the elbow down close in to the body at the same time, inclining the knuckles to the right.
- Two.* Move the right hand smartly to the point of the ramrod and seize it between the first two fingers and thumb, the

remaining fingers to be closed in the hand, the knuckles full to the front, the arm to be kept as close to the ramrod as possible without constraint, and without altering the squareness of the shoulders.

*Three.* Force the bullet steadily straight down to the bottom, bringing the elbow down close in to the body at the same time, inclining the knuckles to the right.

*Four.* By two steady and firm pressures (raising the ramrod about one inch on each occasion) ascertain that the bullet is resting on the powder; all strokes which may indent the point of the bullet to be avoided.

*Return.* Draw the ramrod smartly half out of the barrel, and seize it in the middle between the first two fingers and thumb of the right hand, the forefinger in a line with the muzzle of the rifle, knuckles towards the body, the remaining fingers closed in the hand, the elbow square with the wrist.

*Two.* Draw the ramrod entirely out with a straight arm, turn it, (dropping the point to the front, the head to pass close by the side of the left ear), and put it into its place at once, pressing the ramrod towards the body in doing so, to prevent the point catching the hand or otherwise doing injury to the stock; move the right hand smartly at the same time, and place the second joint of the forefinger (the remaining fingers to be closed in the hand) on the head of the ramrod and force it home, then seize it between the second joint of forefinger and thumb, and drop the left hand smartly at the same instant to its full extent and seize the rifle; the arm to be close in to the body.

*N. B.*—In performing the motions of "*Load*" and "*Return*," care must be taken that the ramrod rubs as little as possible against the sides of the barrel or muzzle, that the shoulders are preserved square to the front, and that the body is kept perfectly steady.

*Cap.* Let the shoulders resume the half-face, and bring the rifle to a horizontal position at the right side with the left hand, which is to grasp it firmly behind the lowerband, but not nearer to the nipple than the projection in front of the lock-plate against which the little finger may rest, the thumb between stock and barrel, the left arm to be close in to the body as a support, at the same time meet the "small of the butt" with the right hand, elbow to the rear, and hold it lightly with the fingers *behind the trigger guard* and half cock the rifle, the thumb to remain on the cock; *as a front rank* the "small of the butt" to be pressed against the hip, *as a rear rank* four inches above it.

*Two.* Advance the fingers to the nipple, and with the forefinger throw off the old cap.



- Three.* Carry the hand to the cap pocket, and take up a cap between the forefinger and thumb, the remaining fingers to be closed in the hand, elbow to the rear.
- Four.* Put the cap straight upon the nipple, looking to the front after doing so.
- Fire.* Press the cap home with the flat part of the thumb, with the fingers closed in the hand and against the lock-plate.
- Sir.* Bring the hand to the "small" of the butt, and hold it lightly with the fingers *behind the trigger guard*, thumb pointing to the muzzle.

*As a Front  
(or Rear)  
Rank at —  
mts.  
Ready.*

Carry the right hand to the sight, and with the forefinger and thumb adjust the sliding bar, placing the top even with the line, or to the place that indicates the elevation necessary for the distance named, then raise the flap without a jerk from the top if required, after which bring the hand back to the small of the butt, and full cock the rifle, and hold it lightly with the fingers *behind the trigger guard*, thumb pointing to the muzzle, and fix the eye **STEADFASTLY** on some object in front.

*From Shouldered Arms.*

Make a right half-face by raising the toes and turning upon the heels, the left foot to point direct to the front, the right foot to the right, at the same time seize the rifle with the right hand at the small of the butt, thumb pointing to the muzzle.

*Two.*—Bring the rifle to a horizontal position at the right side, moving it with the left hand, which is to grasp the stock firmly behind the lower band, but not nearer to the nipple than the projection in front of the lock plate, against which the little finger may rest, the thumb between stock and barrel, the left arm to be close in to the body as a support; the small of the butt, *as a front rank*, pressed against the hip, *as a rear rank*, four inches above it, then *as a front rank* carry the left foot ten inches to the left front, (viz: six inches to the front and eight to the left,) moving the body with it, *as a rear rank* carry the left foot six inches to the front, moving the body with it also, toes in both cases to point direct to the front, and proceed as detailed in the left hand column.

*From Order of Arms.*

Make a right half face by raising the toes, &c., as before directed, carrying the rifle round with the body, and place the thumb of the right hand smartly behind the barrel and seize the rifle.

*Two.*—Bring the rifle to a horizontal position at the right side, grasping it with the left hand, as explained in the adjoining columns, &c., then proceed as detailed in the first column.

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*Present.*

Bring the rifle up to the shoulder at once, carrying it to the front so as to clear the body in doing so, but without moving the left hand from the place at which it grasps the stock at the capping position, or stooping the body, or raising the heels off the ground (the rifle to rest solidly in the palm of the left hand), at the same time raise the right elbow nearly square with the right shoulder, but inclined to the front of it, so as to form a bed for the butt, the centre of which press firmly to the shoulder with the left hand, and bring the left elbow well under the rifle to form a support; the right hand to lightly hold the small of the butt, the thumb pointing to the muzzle, which is to be a few inches below the object the right eye is fixed upon, the forefinger along the outside of the trigger guard, and the left eye closed; the arm of the front rank man is not to be raised too high, as he will thereby prevent his rear rank man taking aim.

N. B.—As the recruit will not get into the position here detailed without practice and much care, the instructor will frequently command "as you were," (when the rifle is to be brought down to the right side,) and point out the defects observed; by this means the recruit will soon be accustomed to get into the position readily, acquire a full command of his rifle with the left hand, and become habituated to handle it with expertness.

- Two.* Place the forefinger round the trigger like a hook, (that part of it between the first and second joint to rest flat on the trigger,) and restrain the breathing.
- Three.* Raise the muzzle steadily until the top of the foresight is brought in a line with the object through the bottom of the notch of the back sight.
- Four.* Press the trigger without the least jerk or motion of the hand, eye, or arm, until the cock falls upon the nipple, *keeping the eye still firmly fixed upon the object.*
- Five.* Bring the rifle down to the capping position, and shut down the flap, and immediately seize the rifle with the right hand close in front of the left, fore arm close to the barrel; and after a pause of the slow time, taking the time from the right, turn the barrel at once downwards, and bring the rifle to a perpendicular position in the right hand, and come to the position of "prepare to load," 2nd motion.

NOTE.—Too much pains cannot be taken to insure that the soldier takes a deliberate aim at some *positive object* whenever he brings the rifle to the "Present," for this purpose, therefore, small bulls eyes are to be marked on the barrack wall for the men to aim at.

Particular attention is to be given to the following points in the "Present." The body is to be firm and upright, the butt to be pressed firmly into the hollow of the shoulder, so as to avoid the kick which will otherwise take place from the recoil on the explosion of the powder; the rifle to

rest solidly in the palm of the left hand and firmly grasped, but without rigidity of muscle, the sight to be upright, and in aiming, the muzzle to be steadily raised until the top of the foresight is aligned upon the object on which the right eye is fixed, through the bottom of the notch of the back sight, the left eye being closed and the breathing restrained. In delivering the fire, the trigger is to be moved by pressure alone, without any motion of the hand, eye, or elbow; the right eye to continue fixed on the object after snapping, to ascertain if the aim has been deranged by the movement of trigger or body.

The position of the head with reference to the butt when taking aim depends entirely on the distances fired at, or the elevation used. At short distances the butt must be brought to the head by raising the shoulder, or the cheek so placed on the butt as to get the eye fixed on the object through the bottom of the back sight without too much stooping of the head: as the distances increase the head must be raised or the shoulder lowered.

*Load.* { As before detailed, by motions, and so continue exercising until the recruit has attained such a knowledge of the various motions as to be capable of combining them in regular order.

From the capping-position. { *Shoulder.* At the word "*shoulder*," bring the left foot back to the right, (placing the heel behind that of the right foot) and at the word "*arms*," face to the front by raising the toes and turning upon the heels, at the same time throw the rifle with the right hand on to the left shoulder, and grasp, at the full extent of the arm, the butt with the left hand, the fingers of the right hand to be under the cock and close to the lock side of stock, thumb pointing to the muzzle.  
*Two.* Bring the right hand smartly to the right side.  
*Order.* At the word "*order*," bring the left foot back to the right, (placing the heel behind that of the right foot.) and seize the rifle with the right hand close in front of the left, fore-arm close to the barrel: at the word "*arms*," face to the front by raising the toes and turning upon the heels, and with the right hand place the butt quietly on the ground at the right side even with the toe of the right foot, &c., as detailed in the *manual exercise*.

TO LOAD AND FIRE KNEELING.

*Platoon Exercise by Motions, as a front (or rear) rank kneeling.* { To serve as a caution.

*From Shouldered Arms.*

*Prepare to Load.* { Seize the rifle with the right hand under the cock, as detailed in the first motion of "*secure arms*," and at the same time make a right half-face by raising the toes and turning upon the heels, the left toes to point to the front, right toes to the right.

N. B. of body, foot; in not beyo  
*Load.*

*Two.* Grasp the rifle with the left hand, the little finger as high as the shoulder, the elbow close in to the lock plate; at the same time carry the right foot twelve inches to the rear, and place the toe of the boot on the ground as much to the left of the left heel as will bring the right knee of the *front rank* six inches to the right when on the ground, and that of the *rear rank* twelve inches to the right; the foot to be nearly perpendicular, the left leg straight.

*Front Rank.*

*Rear Rank.*

*Three.* Sink down at once on the right knee, six inches to the right and twelve inches to the rear of the left heel, and square with the foot, which is to be under the body, and upright, the left leg to be as perpendicular as possible; at the same time bring the rifle down in the left hand, close in to the body, and pass the butt to the left rear over the right heel to the extent of the left arm, sling upwards, meeting the barrel with the right hand, the thumb in a line with the muzzle, the right arm to be close in to the body, the hand in front of the left breast, the shoulders to be brought nearly square to the front.

*Three.*—Sink down at once on the right knee, twelve inches to the right, and twelve inches to the rear of the left heel, and square with the foot, which is to be under the body, and upright; bringing the body nearly to the right about three-quarters face in doing so; (the left leg inclining to the right,) and at the same time carry the rifle in the left hand, and place the butt flat on the ground, (lock uppermost,) under the shin of the right leg of the front rank man of the file on the right, meeting the barrel with the right hand, the thumb in a line with the muzzle, the right arm close in to the side, the muzzle of the rifle as high, and in a line with the right shoulder, eyes to the right rear.

*Four.* Seize the rifle with the left hand, under the top swivel; the elbow to be close in to the left side, hand close under the left breast, the rifle close in to the hollow of the left side and as upright as possible; at the same time carry the hand to the pouch and take up a cartridge, holding it between the forefinger and thumb, close to the top, with the bullet in the palm of the hand.

*Four.*—Seize the rifle with the left hand under the top swivel, elbow close in to the body, hand in front of the right breast (the muzzle to be a few inches from the body, to allow the hand to be carried to the mouth, between it and the rifle); at the same time carry the right hand to the pouch and take up a cartridge, holding it between the forefinger and thumb, close to the top, with the bullet in the palm of the hand.

*N. B.*—As the length of leg, in very tall men, is greater than the breadth of body, it will be impossible, in close order, to get the knee square with the foot; in such cases, therefore, the knee is to be inclined to the front, but not beyond the inside of the right foot of right file.

*Load.*

{ In five motions, as detailed when loading standing; in seizing the head of the ramrod in the fifth motion, the front rank to incline the ramrod to the right to facilitate the drawing of it.

- Rod.* In two motions, as detailed when loading standing.
- Home.* In four motions, as detailed, when loading standing.
- Return.* Draw the ramrod smartly half out of the barrel, and seize it in the middle, between the first two fingers and thumb of the right hand, the forefinger in a line with the muzzle, knuckles towards the body, the remaining fingers closed in the hand, the elbow square with the wrist.
- Two.* Draw the ramrod entirely out with a straight arm, turn it, (dropping the point towards the ground,) put it into its place at once, pressing the ramrod towards the body in doing so, to prevent the point catching the band or otherwise doing injury to the stock; move the right hand smartly at the same time, and place the second joint of the forefinger (the remaining fingers to be closed in the hand) on the head of the ramrod and force it home, then seize it between the second joint of the forefinger and thumb, arm to be close in to the body, and slip the left hand to the full extent, and seize the rifle immediately below the lower band.

- |             | <u>Front Rank.</u>  | <u>Rear Rank.</u>  |
|-------------|---|--|
| <i>Cap.</i> | Let the body resume the right half-face, and with the left hand bring the rifle to a horizontal position at the right side, by raising the butt from the ground and passing it over the right heel, close to the body, and round in front of the left leg, and place the left fore-arm at once square on the left thigh six inches behind the knee; at the same time meet the small of the butt with the right hand and hold it lightly with the <i>fingers behind the trigger guard</i> , and half cock the rifle, the thumb to remain on the cock;—the rifle to be grasped with the left hand as detailed when capping standing; the butt to be pressed against the side. | Let the body resume the right half-face, and with the left hand bring the rifle to a horizontal position at the right side muzzle to the front, and place the left fore-arm at once square on the left knee, at the same time meet the small of the butt with the right hand, and hold it lightly with the <i>fingers behind the guard</i> , and half cock the rifle, the thumb to remain on the cock:—the rifle to be grasped with the left hand, as detailed when capping standing, the butt to be pressed against the side. |

- Two.*  
*Three.*  
*Four.*  
*Five.*  
*Six.*
- As detailed when capping standing.

As a front  
(or rear)  
Rank  
at — yds.  
Ready.

Bring the weight of the body on to the right heel, then adjust the sight as before explained; after which bring the hand back to the small of the butt, and full cock the rifle, and hold it lightly, with the fingers behind the guard, thumb pointing to the muzzle, and fix the eye STEADFASTLY on an object in front.

#### From Shouldered Arms.

As detailed in the first motion of "ready," from the shoulder standing.

*Two.*—Bring the rifle to a horizontal position at the right side, as explained in the 2nd motion of "ready" from the *shoulder* standing, at the same time carry the right foot twelve inches to the rear, and place the toe of the boot as much to the left of the left heel as will bring the knee of the *front rank* six inches to the right when on the ground, and that of the *rear rank* twelve inches to the right; the foot to be nearly perpendicular, the left leg straight.

#### From Ordered Arms.

As detailed in the first motion of "ready" from ordered arms standing.

*Two.*—Bring the rifle to a horizontal position at the right side, as explained in the second motion of "ready" from ordered arms standing, at the same time carry the right foot twelve inches to the rear, &c., &c., as explained in the adjoining column.

*Three.*—Sink down at once on the right knee twelve inches to the rear, as a *front rank* six inches to the right, as a *rear rank* twelve inches to the right of the left heel, and square with the right foot, and bring the weight of the body immediately on to the right heel; the left fore-arm to be placed on the left leg and the butt pressed against the right side as when capping; then proceed to adjust the sight as before explained, and full cock the rifle, and fix the eye STEADFASTLY on an object in front; the thumb of the right hand to be placed on the stock pointing to the muzzle.

*N. B.*—When required to come to the "ready" kneeling, from the capping position standing, the left foot to be brought back to the right before sinking down on the right knee.

*Present.*

As detailed when coming to this position standing, without raising the body off the heel, and place the left elbow at once over the left knee to form a support. *N. B.*—The note following the first motion of the *present standing* is applicable to this motion also.

*Two.*  
*Three.*  
*Four.*

As detailed when firing standing.

*Front Rank.*

*Rear Rank.*

*Fire.*

Bring the rifle down to the capping position, at the same time raise the body off the right heel, and place the left fore arm square on the left thigh six inches behind the knee; then shut down the flap without a jerk, and return the hand to the small of the butt, count a pause of the slow time and come to the position of "prepare to load" by carrying the rifle in the left hand, passing the butt round in front of the left leg close in to the body, to the left rear over the right heel, to the extent of the left arm, meeting it at the same time with the right hand, the thumb in line with the muzzle, then seize the rifle with the left hand under the top swivel, as detailed in the fourth motion of "prepare to load" as a front rank kneeling, &c.

Bring the rifle down to the capping position, at the same time raise the body off the right heel, and place the left fore arm square on the left knee; then shut down the flap without a jerk, and return the hand to the small of the butt, count a pause of the slow time and come to the position of "prepare to load" by turning the rifle over in the left hand, and placing the butt on the ground, lock uppermost under the shin of the right leg of the front rank man of the file on the right, meeting the barrel with the right hand, thumb in a line with the muzzle, which is to be as high and in a line with the right shoulder, then seize the rifle with the left hand under the top swivel, &c., as detailed in the fourth motion of "prepare to load" as a rear rank kneeling.

*N. B.*—When required to load standing from the kneeling position:—After shutting down the flap, seize the rifle with the right hand close in front of the left, and rise to the half-face at the same instant, bringing the right heel before the left, still keeping the rifle in a horizontal position at the right side, then after counting a pause, taking the time from the right, turn the barrel at once downwards, and bring the rifle to a perpendicular position, and proceed as detailed in the second motion of "prepare to load" standing.

*Load.* { As before detailed, by motions, and so continue exercising until the recruit has attained such a proficiency as to be capable of combining the several motions in regular order.

From the capping position kneeling. { *Shoulder, Arms.* At the word "shoulder," spring smartly to attention at the half-face, bringing the right heel in front of the left, still keeping the rifle in a horizontal position at the right side; at the word "arms" proceed as detailed, when coming to the shoulder from the capping position, standing.  
*Two.* Bring the right hand smartly to the right side.  
*Order, Arms.* At the word "order," spring smartly to attention at the half-face, bringing the right heel in front of the left, still keeping the rifle in a horizontal position at the right side, and at the same time seize the rifle with the right hand close in front of the left, forearm close to the barrel; at the word "arms," face to the front, &c., as detailed, when coming to the order from the capping position, standing.

The recruits, being thoroughly grounded in the foregoing instructions, may now be practised in two ranks at close order in the different firings, as a company in line, as a wing of a battalion, firing a volley, and file firing.

For this purpose from twenty to thirty files, or a less number, are to be forming into two ranks at close order, with shouldered arms, fixed bayonets, and knapsacks on.

### REVIEW EXERCISE.

WORDS OF COMMAND.	EXPLANATION.
<i>Platoon Exercise in slow time.</i>	} At this caution, the rear rank will take a pace of nine inches to the front.
<i>Prepare, to load.</i>	
<i>Load.</i>	} In two motions, observing a pause of the slow time between each.
<i>Rod.</i>	
<i>Home.</i>	} In five motions do. do. do.
<i>Return.</i>	
<i>Cap.</i>	} In two motions do. do. do.
<i>Fire a Volley.</i>	
<i>at — yards.</i>	} One motion, the sight to be adjusted with care and without hurry.
<i>Ready.</i>	
<i>Present.</i>	} In five motions. There is to be no hurry in the performance of the third and fourth motions of the present on any occasion.
<i>In quick time.</i>	
<i>Load.</i>	} Each man will now perform the motions of loading with the greatest celerity, but with the same correctness as if exercising in the slow time;—after returning the ramrods, the whole line to remain perfectly steady; after a pause of the slow time, taking the time from the right, come to the capping position, and proceed to cap, which must always be done after loading.
<i>Shoulder Arms.</i>	
<i>Company, (Right Wing, or Battalion,)</i>	} As before detailed, the rear rank taking a short pace of nine inches to the rear when quitting the right hand.
<i>“ Fire a Volley.”</i>	
<i>At Yards.</i>	} At this caution, the rear rank will take a pace of nine inches to the front.
<i>Ready.</i>	
<i>Present.</i>	} As before detailed; after firing, make a pause, (taking the time from the right,) come down to the capping position, put down the flap, and immediately seize the rifle with the right hand close in front of the left, fore-arm close to the barrel, and after another pause, come to the position of “ <i>Prepare to load,</i> ” and go on with the loading in the quick time without any command to do so.



*Cease Firing.* { At the close of the "general," or at the command "cease firing," the company having completed its loading and capping, will receive the command "shoulder arms." If the company is at the ready when the "cease firing" sound's, it will be commanded to "half cock arms," to be performed as follows:—

*Half-cock Arms.* { Place the thumb of the right hand on the comb of the cock and the forefinger on the trigger, and draw both back until the sear is disengaged from the "full bent of tumbler," then let the cock gently down (removing the forefinger from the trigger), and when it passes the "half bent," draw it back to half cock, after which put down the flap, and carry the right hand to the small of the butt, thumb pointing to the muzzle, *fingers behind the guard.*

When it is not intended to reload after firing, the command will be, "*Fire a Volley and shoulder.*" "*At—yds. Ready.*" After delivering the volley, make a pause, and taking the time from the right, come down to the capping position, shut down the flap, bring back the right hand to the "small of the butt," and in doing so, close the heels, then after another pause, taking the time from the right also, come to the shoulder as before detailed.

NOTE.—When a column or line is required to load, the command is to be—

*With-Cart-ridge, or, As with Cartridge.* { As a caution, on which the rear rank will take a pace of nine inches to the front.

*Load.* { The loading to proceed in the quick time:—When in column, or when any person is immediately in front, the rifle when brought to the capping position, is to be slanted with the muzzle inclining upwards, the flat part of the butt pressed against the thigh, in order to prevent the possibility of accident.

*N. B.*—When giving the command "Ready," some distance must always be named; should, however, the distance be omitted, the soldier must judge for himself the distance he is from the object he is going to aim at, and adjust his sight accordingly.

#### INDEPENDENT OR FILE FIRING.

*File Firing from the right (or left, or from both flanks) of Companies.* { At this caution the rear rank will take a pace of nine inches to the front.

*Commence Firing.* { The flank file will at once make ready and come to the present, the front-rank man delivering his fire first, to be immediately followed by that of the rear-rank man; both men will then return to the capping position, and from

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thence go on with their loading in the quick time, performing their motions together and without loss of time. When the flank file is bringing the rifle to the present, the next file is to make ready, coming to the present when the flank file is in the act of returning to the capping position; the next file to proceed likewise, and so continue by files in succession for the first band, after which, each file as soon as loaded will fire independently, i. e., without reference to the files either on the right or left.

*Cease Firing.* } Each file, as it completes its loading, will "shoulder arms." Files that may have made "ready," when this command is given will half cock their rifles and "shoulder arms."

N. B.—Each man, before full cocking his rifle, is to adjust his sight for the distance he estimates the object at which he intends to fire to be from him. In file and volley firing, it is to be impressed upon the men, that the front rank must remain perfectly steady after delivering their fire, otherwise the aim of the rear rank will be deranged.

#### EXERCISE TO RECEIVE CAVALRY.

The recruits, having a thorough knowledge of the preceding portion of the drill, may now be formed into four ranks and practised to receive cavalry, as it is necessary to do, in square four deep.

*Prepare to resist Cavalry.* } At this caution the second and fourth ranks will take a pace of nine inches to the front.

*Ready.*

At this command, the first and second rank will sink down at once upon the right knee as a front and rear rank, kneeling in the manner prescribed when coming to the ready from shouldered arms, and at the same time place the butts of their rifles on the ground against the inside of their right knees, locks turned uppermost, the muzzle slanting upwards, so that the point of the bayonet will be about the height of a horse's nose; the left hand to have a firm grasp of the rifle immediately above the third band, the right hand holding the small of the butt, the left arm to rest upon the thigh about six inches in rear of the left knee. The third and fourth ranks to make ready as a front and rear rank standing. Muzzles of rifles to be inclined upwards.

*Commence Firing from the right (or left, or from both flanks) of Faces.* } The standing ranks to commence the firing, in the order before detailed.

*Cease Firing.* } Each file, as it completes its loading, will shoulder arms.

*Kneeling  
Ranks (or  
front face, &c.,  
as the case may  
require), Fire  
a Volley.*

A caution, should it be deemed necessary to fire a volley.

*At - yards.  
Ready.*

Come to the capping position, at the same time bring the weight of the body on the right heel, then adjust the sight for the distance named, full cock the piece, and fix the eye STEADFASTLY on an object in front.

*Present.*

{ After delivering the fire, count a pause of the slow time, and as quickly as possible bring the rifle down to resist cavalry as before directed, remaining perfectly steady.

*Load.*

{ Spring to attention at the half face, and bring the rifle to a horizontal position at the right side, seizing it at the same instant with the right hand close in front of the left, and from thence come to the position of prepare to load as standing ranks, and go on with the loading in quick time.

**NOTE.**-- In squares of two deep, the front rank only will kneel to resist cavalry.

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