Physical training without arms made easy.

Contributors

Gale & Polden.

Publication/Creation

London: Gale & Polden, [1898?] (Aldershot: Gale & Polden.)

Persistent URL

https://wellcomecollection.org/works/ba2wmsjt

License and attribution

This work has been identified as being free of known restrictions under copyright law, including all related and neighbouring rights and is being made available under the Creative Commons, Public Domain Mark.

You can copy, modify, distribute and perform the work, even for commercial purposes, without asking permission.



PHYSICAL TRAINING

WITHOUT ARMS

MADE EASY

FULLY ILLUSTRATED.

PYRIGHT-

Galer Polden Std

ALDERSHOT.

VINEPENCE; CLOTH BOUND, Or Shilling each.

Post Free to any part of the World.

GALE



22101414769

Med K9211

Duties in Company, Fully Illustrated ... 2 0

to enable guides and markers signed to them, sparing them sal of each section, and ever-

sections, &c., during the explanation of movements in the Infantry Drill. The places assigned to guides and markers are given in well executed plates, with the description of each movement, rendering each intelligible in itself."—Army & Navy Gazette.

Company Drill Made Easy (with illustrations), in accordance with New Infantry Drill 1 6

"It is so clear and simple, and leaves nothing to be imagined by the Student, as every single movement in Company Drill is explained under all the various positions."—Army & Navy Gazette.

"The book, which is illustrated by several well executed diagrams, will be a useful companion to the standard manual on Infantry Drill. Not the least merit of the volume is its convenient form, and as it has been issued at a reasonable price, it will probably attain, as it certainly deserves, a large circulation."—

Irish Times.

All Military Books are obtainable Post Free from the Printers, GALE & POLDEN, Ltd., WELLINGTON WORKS, ALDERSHOT.

"In the Infantry Drill, references are continually made to preceding paragraphs. The result is confusing and troublesome. The Author to obviate this blemish has produced the work before us. The Author has performed his task well, and we venture to assert that an officer or non-commissioned officer who masters this book has practically absorbed the essence of Battalion Drill." - Colburn's United Service Magazine.

Physical Training Without Arms. Illustrated with Twenty-Six Plates ...

"Physical Training Without Arms Made Easy with its numerous and rich plates, and costing but ninepence, ought to be in the hands not only of Military men, but all schoolmasters."-Bury Free Press.

Physical Drill with 'Arms, Illustrated, with Plates, as taught at Aldersho'. ... 0 9

"An invaluable little book, thanks to the admirably drawn plates it will be of great use to thousands of desk-workers who can get no such training as that of the soldier, and for whose health it is at least as necessary."-United Service Gazette.

All Military Books are obtainable Post Free from the Printers, GALE & POLDEN, Ltd., WELLINGTON WORKS, ALDERSHOT.

PHYSICAL TRAINING

WITHOUT ARMS

MADE EASY.

Illustrated with Twenty-six Plates.

LONDON: GALE & POLDEN, LTD.,

2, AMEN CORNER, PATERNOSTER ROW, E.C.,

AND

WELLINGTON WORKS, ALDERSHOT.

Ninepence; Bound in Cloth, One Shilling.

Post Free to any part of the World.

2020

ALDERSHOT:

Printed by Gale & Polden, Ltd., Wellington Works.

WELLCOME INSTITUTE LIBRARY	
Coll.	welMOmec
Call	
No.	QT

PREFACE.

ENDEAVOURS have been made in this little book to give examples of how to practice Physical Training on the Barrack Square; to facilitate this, the Author has added, at the end, 26 Plates, giving the various Principal Positions throughout the Drill.

It will be found advisable for the Kersey to be left open a few buttons from the bottom, and the Glengarry to be put firmly on the head.

NOTICE.

The following tunes are used at the principal Military Gymnasia, in practising the Physical Training without Arms:—

Exer. 1.—No music suitable.

- " 2.—"My Nellie's Blue Eyes."
- " 3.—"The Keel Row."
- " 4 & 5.—Nothing suitable.
- " 6.—"Ninety Five."
- " 7.—" Sailing."
- " 8.—2nd Part of "Ehrin on the Rhine" (The Lighthouse).
- ,, 9.—Nothing suitable.

PHYSICAL TRAINING.

In order to expand his chest, and develop his muscles, the soldier will be practiced in the following exercises.

The squad having been dressed, as described in S. 5, will be ordered to number from the right. Two lines will then be formed, the odd numbers taking 2 paces to the front, as described in S. 23, Infantry Drill, Part I.

EXERCISE I.

Caution.—Swinging the Arms.

One.

Throw the arms up perpendicularly; palms of the hands turned inwards, and not wider than width of shoulders. (See Plate I.)

Two.

Swing the arms freely to the rear, round to the front, and up again. Repeat this six times: the sixth time, instead of complet-ing the circle, strike the palms of the hands together behind the back, and remain steady. (See Plate II)

Three. String the arms to the sides and resume the position of attention.

In this exercise, the first and second motions may be repeated by giving the command Continue the Motion; the squad will then take the time from the right-hand man; on the word Steady, the men will remain in the second position, and on the word Three, they will resume the position of attention.

EXERCISE II.

Caution.—Bending and Stretching the Body.

First Practice.

One.

Keeping both arms straight, raise the right hand as high as possible, turning the back of it inwards, and reach down with the left hand, close to the body; shoulders square to the front, back hollowed, body well bent over to the left at the waist, eyes directed to the right hand. (See Plate III.)

Two.

Perform the same motion, but with the left hand raised, right lowered, body bent to the right

CAUTION.—Second Practice.

(To be given when the left hand is raised.)—Swing the left hand, keeping it near the body, palm inwards, by a circular motion sideways to the right, and as it

One.

comes level with the right hand, raise both hands over the head, backs towards the face; body turned on the hips to the right and inclined over to the left, head thrown back, eyes directed to the hands. (See Plate IV.)

Two.

Swing both arms down by the front, close to the body, and up to the same position as before, but to the left.

CAUTION.—Third Practice.

One.

(To be given when the hands are above the head on the left). Carry the right foot 12 inches to the right, round the back, bend quickly down, and touch the toes with the tips of the fingers, keeping the knees straight. (See Plate V.)

Two.

Straighten the body, bringing the tips of the fingers to the nipples of the breast, elbows close to the sides. (See Plate VI.)

Three.

Throw the arms above the head, palms of the hands to the front, bending back the head and the upper part of the body, eyes directed to the hands. (See Plate VII.)

Four.

Bring the fingers to the breast as directed in "Two;" body upright.

CAUTION.—Fourth Practice.

One.

(To be given when the hands are above the head.) Turn the body from the hips, swing the hands down by a circular sweep to the left, up to the right, as in the "Second Practice;" feet apart, knees braced back, rising up on the toe of the left foot, the right foot kept firm on the ground. (See Plate VIII.)

Two.

Perform the same motion to the left, rising on the toe of the right foot.

Close the heels, the right heel Three. | being brought back to the left, and drop the hands to the sides, resuming the position of attention.

When performed to music, each of the above practices will be repeated eight times before the next is commenced; otherwise the Instructor will specify the number of times each practice is to be repeated.

EXERCISE III.

CAUTION.—Bending and Stretching the Arms.

Keeping the elbows close to the sides, quickly bend the arms, hands in line with the shoulders and forced back, hands closed, nails to the front. (See Plate

Two.

Opening the hands and turning the backs upwards, shoot them out right and left, in line with the shoulders, thumbs close to the forefingers. (See Plate X.)

This being the exact opposite of the last movement, the arms must be stretched out as far as possible.

One.

{ Return to the first position, closing the arms to the sides.

Three.

Open the hands, palms to the front, throw the arms up perpendicularly above the shoulders, the whole of the upper part of the body stretched upwards. (See Plate XI.)

One.

As before.

Four.

Bring the arms smartly to the sides and resume the position of attention.

Care must be taken in these movements that the body and head are retained in the position of attention.

EXERCISE IV.

CAUTION.—The Lunge.

Make a partial turn to the right so that the right foot points to the right; by a second movement bring the back of the left heel against the inside of the right, and place the feet at right angles to each other, head erect, eyes directed to the front, shoulders pressed back and chest advanced; at the same time place the hands on the hips, fingers to the front, thumbs to the rear, elbows forced back. (See Plate XII.)

Ready.

Draw back the right foot about 18 inches; the body to be balanced upon both feet, the heels in line with each other, both knees bent Engage. { and kept well apart directly over

the feet, hips pressed to the front; raise the left foot, and beat it smartly on the ground. (See Plate XIII.)*

Step about 18 inches to the front with the left foot, straightening the right leg and pressing the right hip forward, the left knee perpendicular to the instep, right foot flat upon the ground, still keeping the body upright and the head erect. (See Plate

Engage. { Return to the "Engage" by bending the right knee and drawing back the left foot.

Lunge.

As before.

3.—Raise the left foot and beat it smartly on the ground.

^{*} When teaching recruits the "Engage," it is suggested that it be done by numbers as follows:-

^{1.-}Draw back the right foot 18 inches, keeping both legs straight, the heels in line with each other.

^{2.—}Quickly bend both knees until they jut over the toes, forcing them well apart, the body equally balanced on both feet, hips pressed to the front.

In one quick movement raise About. the toes and reverse the position of the legs, by turning about on the heels, left leg straight, right knee bent, then lower the toes to the ground.

Engage. { As before, but substituting left for right.

Lunge. As before.

About. { As before, but substituting left for right.

Engage. As before.

Ready. Return to the "Ready" position.

The "About" should also be practised in the "Engage" position.

Front. $\begin{cases} \text{Turn to the front and resume} \\ \text{the position of attention, dropping} \\ \text{the hands to the sides.} \end{cases}$

N.B.-The Third Exercise will be combined with this in the position of the Lunge. The words are given after the word "Lunge," and the hands placed on the hips on the word "Four."

EXERCISE V.

Caution.—Bending and Stretching the Knees.

One.

Keeping the body upright, smartly raise the hands and place them on the hips, fingers to the front, thumbs to the rear, elbows and shoulders forced well back. (See Plate XV.)

Two.

Rise on the toes as high as possible, legs straight.

Three.

With the head erect and the elbows to the rear, gradually lower the body by bending the knees until sitting on the heels, which latter must, as far as possible, be kept together, forcing the knees well apart. (See Plate XVI.)

Two.

Straighten the knees, still remaining on the toes.

Four.

Lower the heels to the ground.

Five. $\begin{cases} \text{Drop the arms quickly to the} \\ \text{sides, and resume the position of} \\ \text{attention.} \end{cases}$

In numbers "two" and "three" the body must be kept upright.

All the motions except "one" and "five" are to be performed slowly.

EXERCISE VI.

(Exercises II. and IV. combined.)

CAUTION.—First Combined Practice.

rear; make a quarter right turn, and keeping the left foot firm on the ground and the left leg straight, step out about 36 inches to the right, right lower leg Right—
Lunge.

| Description of the light, light, light over the instep, body turned to the right, and bent from the hips back-

Place the left hand on the hip,

fingers to the front, thumb to the

wards; at the same time raise the right hand over the head, arm straight, head thrown back, eyes directed to the back of the right hand. (See Plate XVII.)

Two.

Without bending the left leg, drop the right hand to the side and spring to the position of attention.

Front-Lunge.

Make a quarter left turn and lunge to the front as directed for the "Right Lunge," but with both hands raised about the width of the shoulders. (See Plate XVIII.)

Two.

Recover as before, but in bringing the hands down, throw them to the rear with a semi-circular sweep and resume the position of attention.

Left— Lunge. Make a quarter left turn and lunge as before, stepping out with the left instead of the right foot.

Two. $\begin{cases} \text{Spring back to the position of attention, as from the "Right"} \\ \text{Lunge."} \end{cases}$

The squad will also be taught to commence lunging with the left foot.

This exercise may be continued by giving the caution Judging the Time; on the command Right Lunge, all the foregoing movements will be repeated as often as required; or if the command Left Lunge is given, the left leg will be used in lunging to the left and to the front.

EXERCISE VII.

Caution.—Working the Shoulders. First Practice.

One.

Raise the upper arms level with the shoulders, at right angles to the body, elbows forced to the rear, arms bent, hands clenched and close to the shoulders, the fore-arm directly over the upper. (See Plate XIX.)

Two.

Straighten the arms, keeping them level with the shoulders, hands open, palms upwards.

CAUTION.—Second Practice.

One.

Throw the arms to the front, in line with the shoulders, and strike the palms of the hands lightly together. (See Plate XX.)

Two.

Draw the elbows quickly to the rear, bending the arms, hands clenched and close to the shoulders, knuckles turned up, chest expanded, head erect. (See Plate XXI.)

Caution.—Third Practice.

One.

Step out to the right, as directed for "Right Lunge," but with the body inclined forward, and strike out freely from the shoulder with the left fist, instead of throwing the right hand above the head. (See Plate XXII.)

Two.

Draw the left hand quickly back as far as possible, keeping it close to, and about in line with the nipple of the breast, at the same time hit out with the right fist as directed for the left in "One."

CAUTION. - Fourth Practice.

One.

Bring the right hand back to the shoulder, raise the toes, and by a quick movement, turn to the left on the heels, reversing the position of the legs, viz., the left knee bent, right leg straight, and hit out as before but with both fists at the same time.

Two.

Draw both fists back to the breast as in the third practice. Care must be taken to exert as much force in drawing the hands back as in striking out.

Three. String the right foot quickly back to the left and resume the position of attention.

When performed to music, each of the above practices will be repeated sixteen times before the next is commenced; otherwise the Instructor will specify the number of times each practice is to be repeated.

EXERCISE VIII.

(Exercises IV. and VII. combined.)

CAUTION.—Second Combined Practice.

Lunge.

Turn to the right and lunge out as directed in the "First Combined Practice" but throwing the arms right and left in line with the shoulders as the lunge is made; hands open, fingers close together, palms upwards, shoulders forced back, body upright. (See Plate XXIII.)

Two.

Spring up from the right foot, and close the heels, feet at right angles, body still turned to he right, arms extended but brought to the front of the body, palms of the hands touching. (See Plate XX.)

Lunge. $\begin{cases} \text{Turn again to the right and } \\ \text{repeat as before.} \end{cases}$

The squad will also be taught to lunge with the left foot.

This practice may be continued by giving the caution Judging the Time; followed by the command Lunge.

When performed to music eight lunges will be made as above, which will bring the squad to the original front; and on the word "Change," eight lunges will be made with the left foot.

Three. Resume the position of attention.

EXERCISE IX.

CAUTION.—General Practice.

One.

As directed for "Swinging the Arms." (See Plates I. and II.)

Two.

As directed for "Swinging the Arms," except that the arms are to be swung four instead of six times.

Ready.

Bring the hands to the shoulders, tips of the fingers { lightly touching them, elbows close to the sides and forced to the front. (See Plate XXIV.)

Right—

Lunge out quickly to the right, as in "Right Lunge," throwing the right hand out to the right, in line with the forehead, the left Lunge. \ \ \text{hand in line with the hip, arms straight, palms of the hands} turned upwards, eyes directed to the right hand. (See Plate XXV.)

Spring up from the right foot and, without bending the left leg, resume the "Ready" position.

Left— As directed for "Right Lunge," Lunge. { substituting left for right.

Ready.

As before.

Force the arms straight above the shoulders, hands open, palms inwards, rising as high as possible on the toes. Repeat this three times; the third time remain on the toes with the hands above the head.

Bend the knees (as in "Three," Bending and Stretching the Knees,") but keeping the arms still above the head.

Spring up quickly off the ground, straightening the knees and separating the feet as they quit the ground. Drop to the ground again with the feet 20

inches apart, the toes being the first to meet the ground, arms still straight above the head. (See Plate XXVI.)

Six.

Slightly bend the knees, round the back, swing the arms between the legs, and, without a pause, raise them above the head again, jump off the ground as they ascend, drop with the heels close together, and resume the position of attention.

When this has been well practiced by numbers, the words of command are simply "Ready," and "Away." The whole of the exercises will then be performed as often as necessary. On the word "Steady," the hands will be dropped to the sides, the squad remaining at attention.

PRACTICE WITH MUSIC.

When these exercises are practiced to music, the following will be observed:—

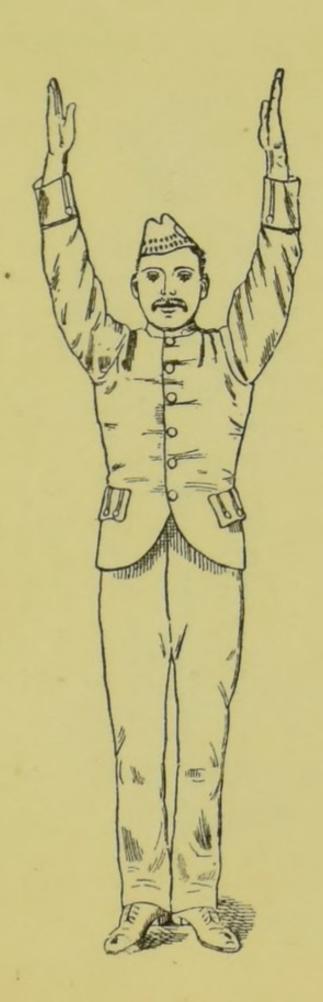
Ex. II. to an air in common time.

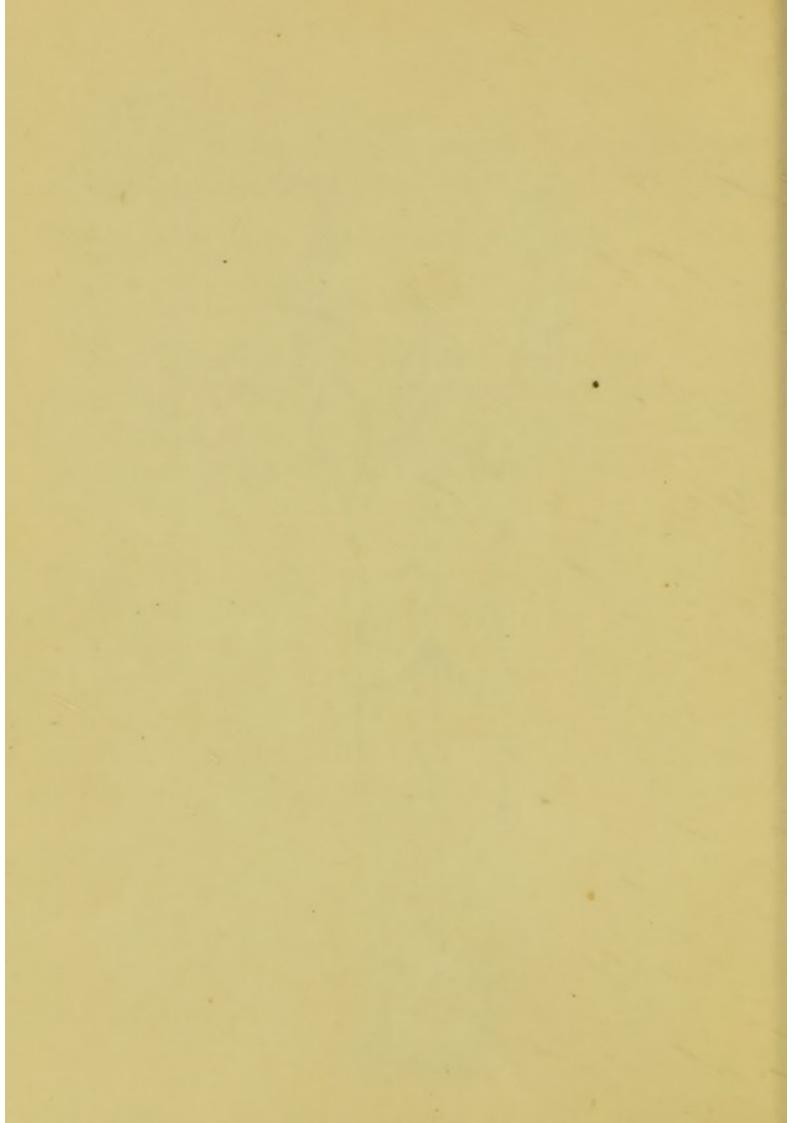
Ex. VI. to an air in common time, the beats of the bars marking the lunging and recovering.

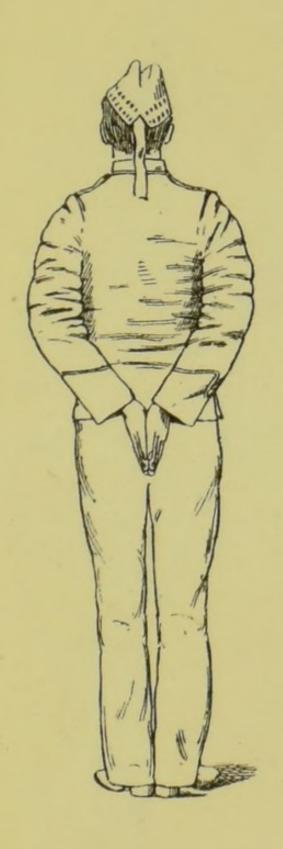
Ex. VII. to an air in six-eight time.

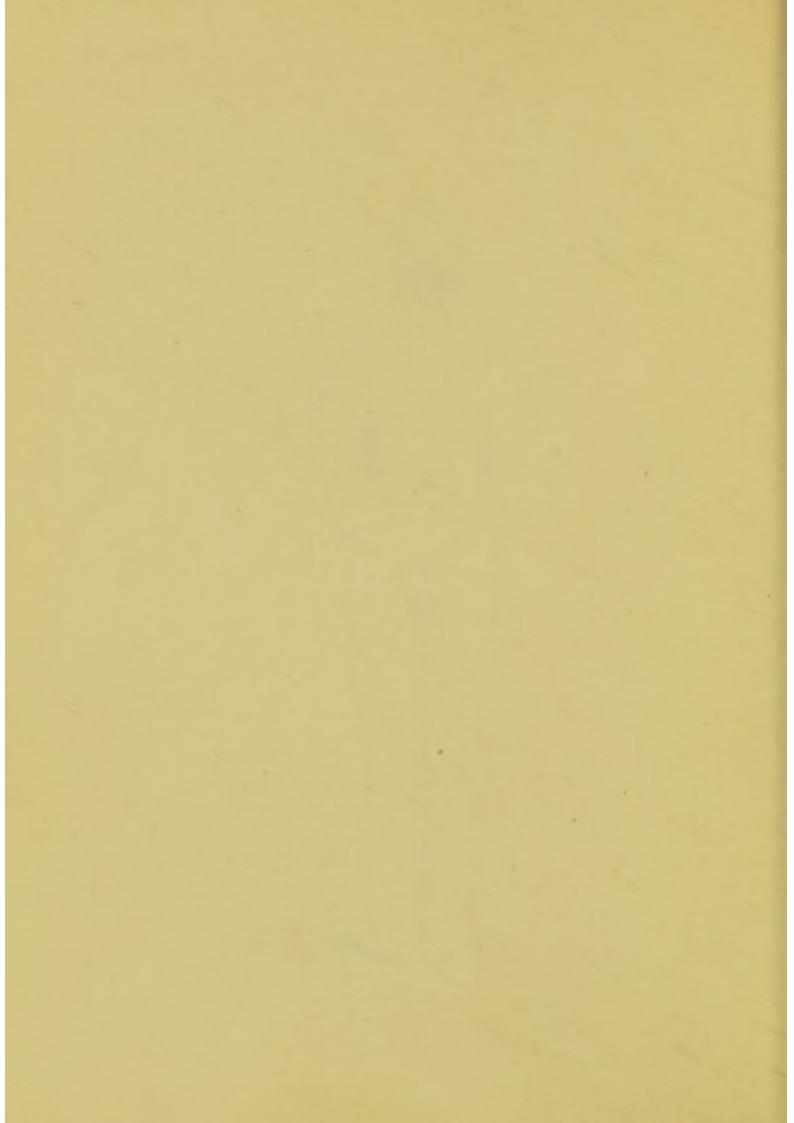
Ex. VIII. to a slow march.

For Ex. VI. and for the third and fourth practices of Ex. VII., an air with a chorus should be chosen, and the men may sing the chorus. They may sing during the whole of Ex. VIII.

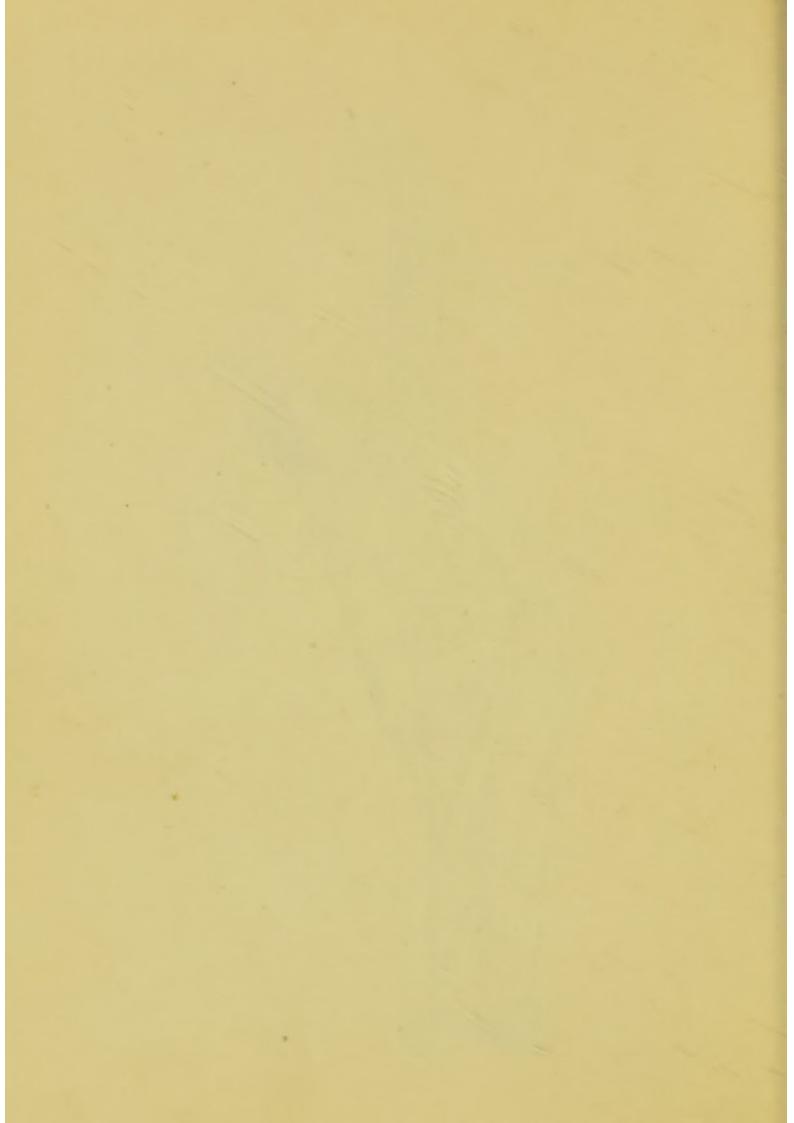




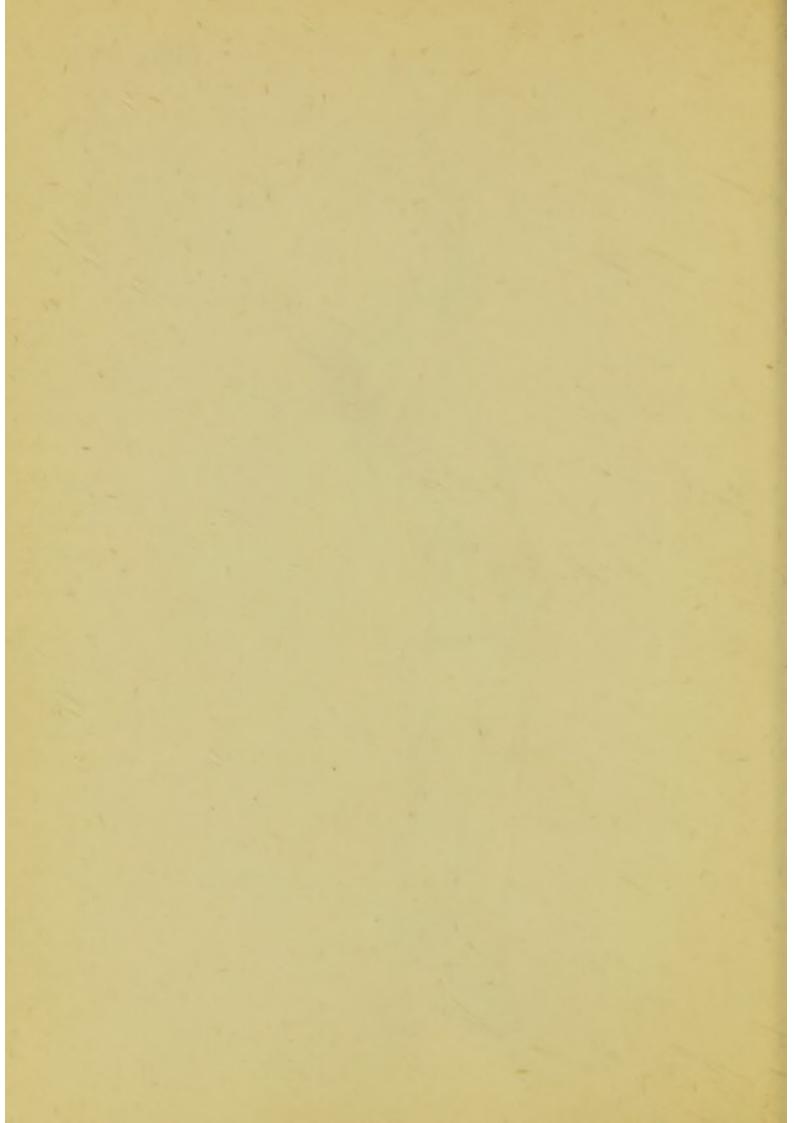


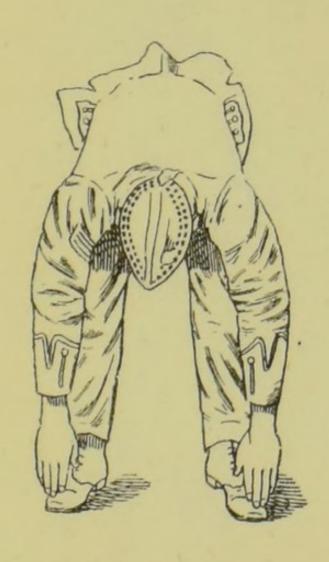


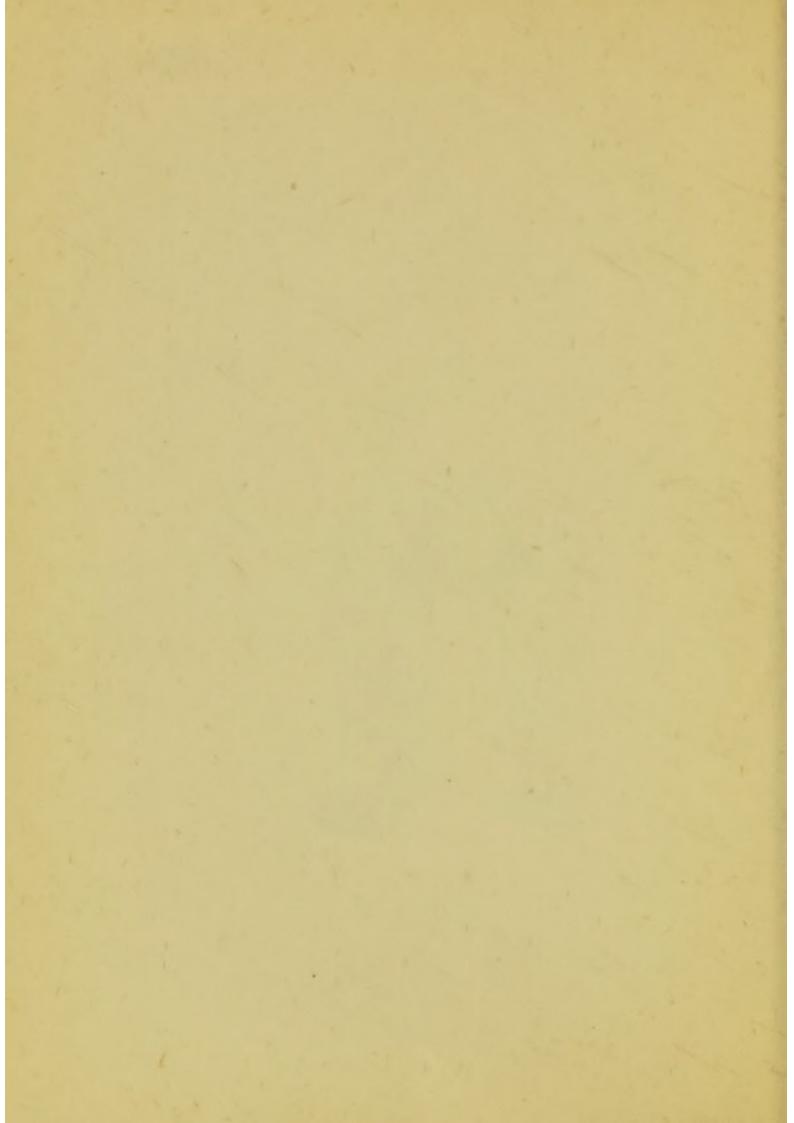


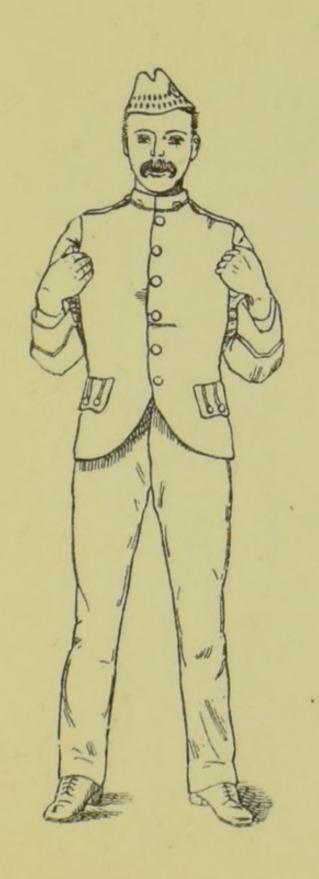


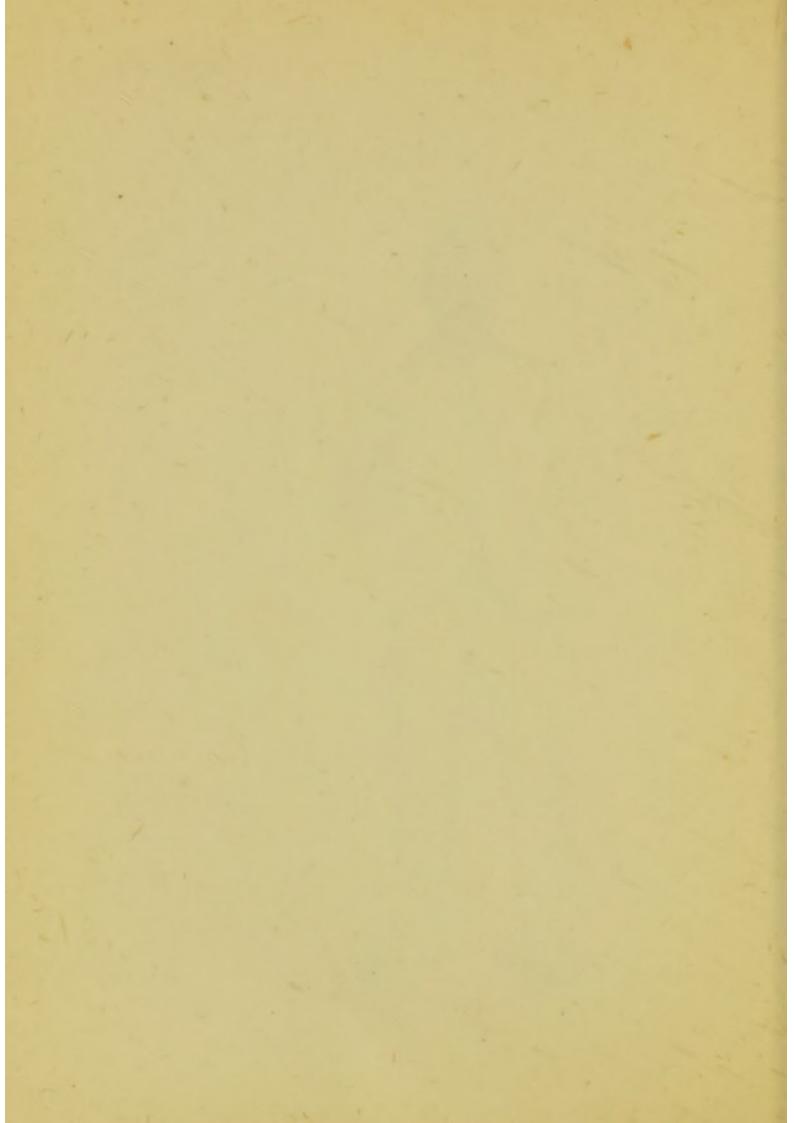


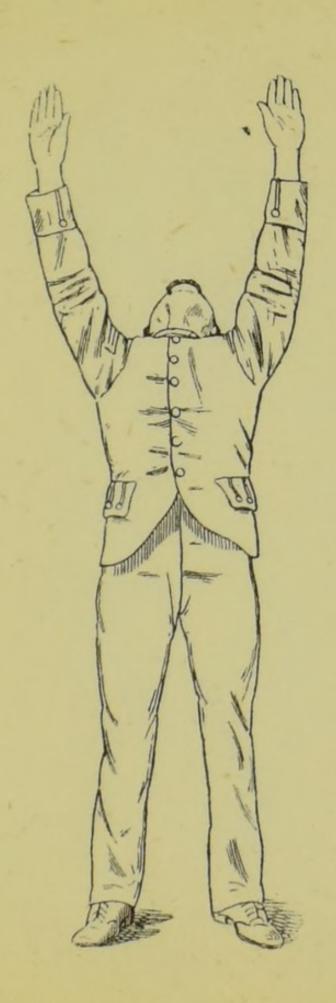












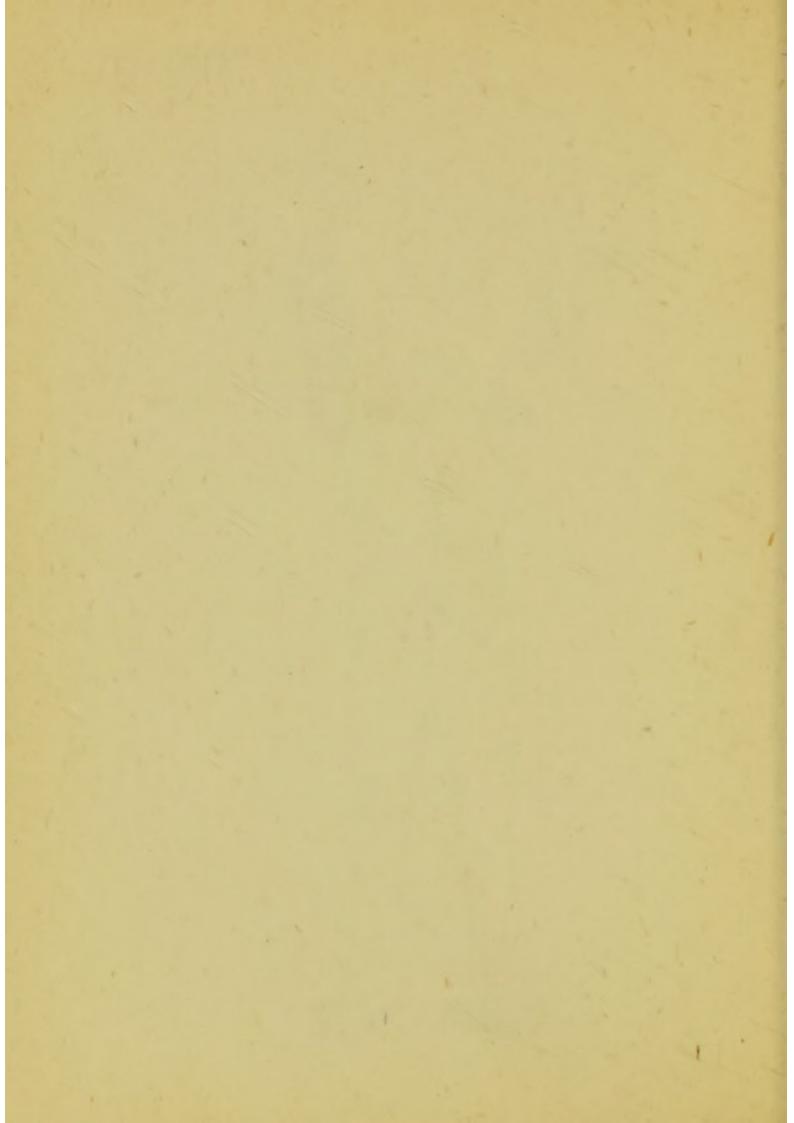
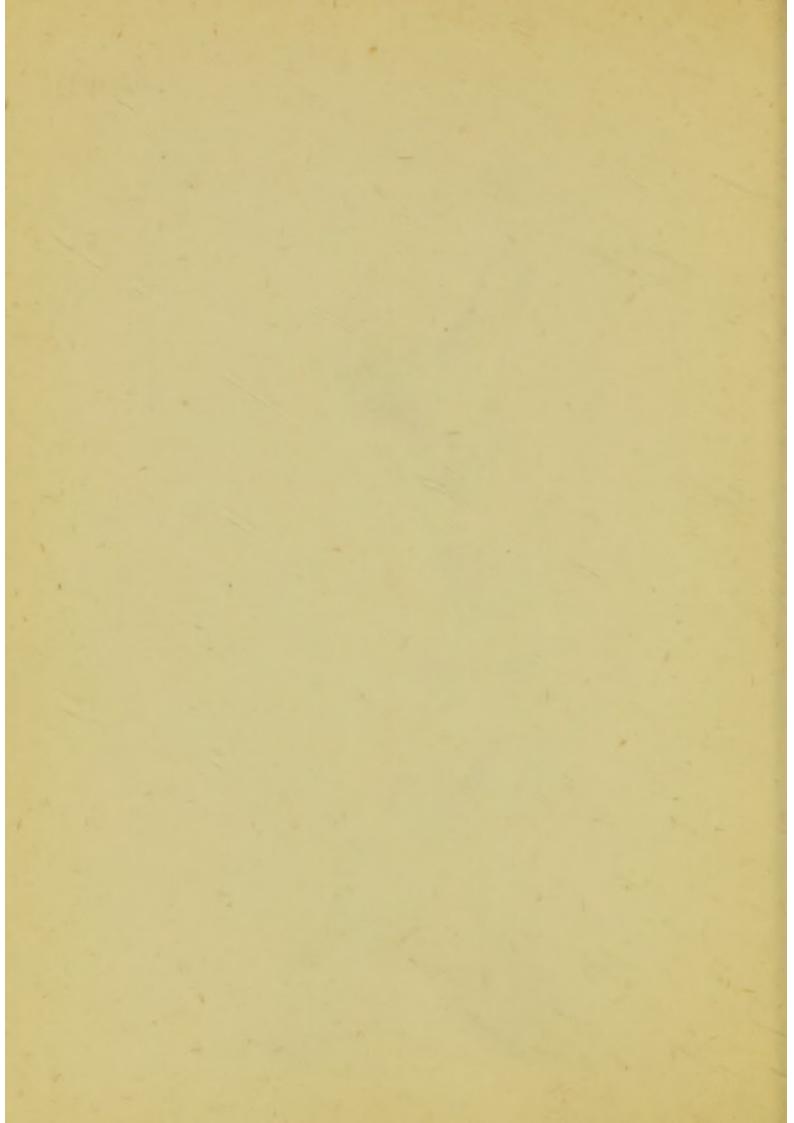
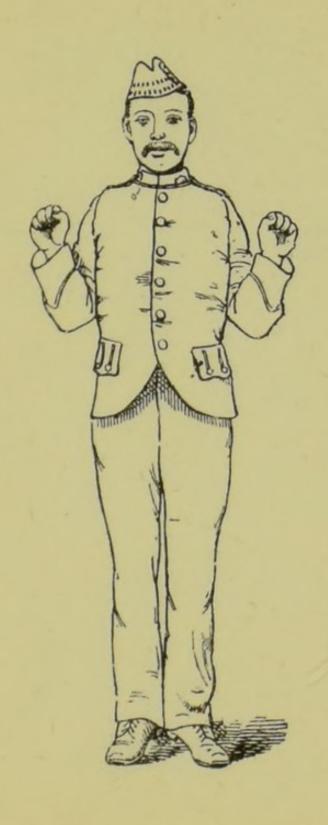
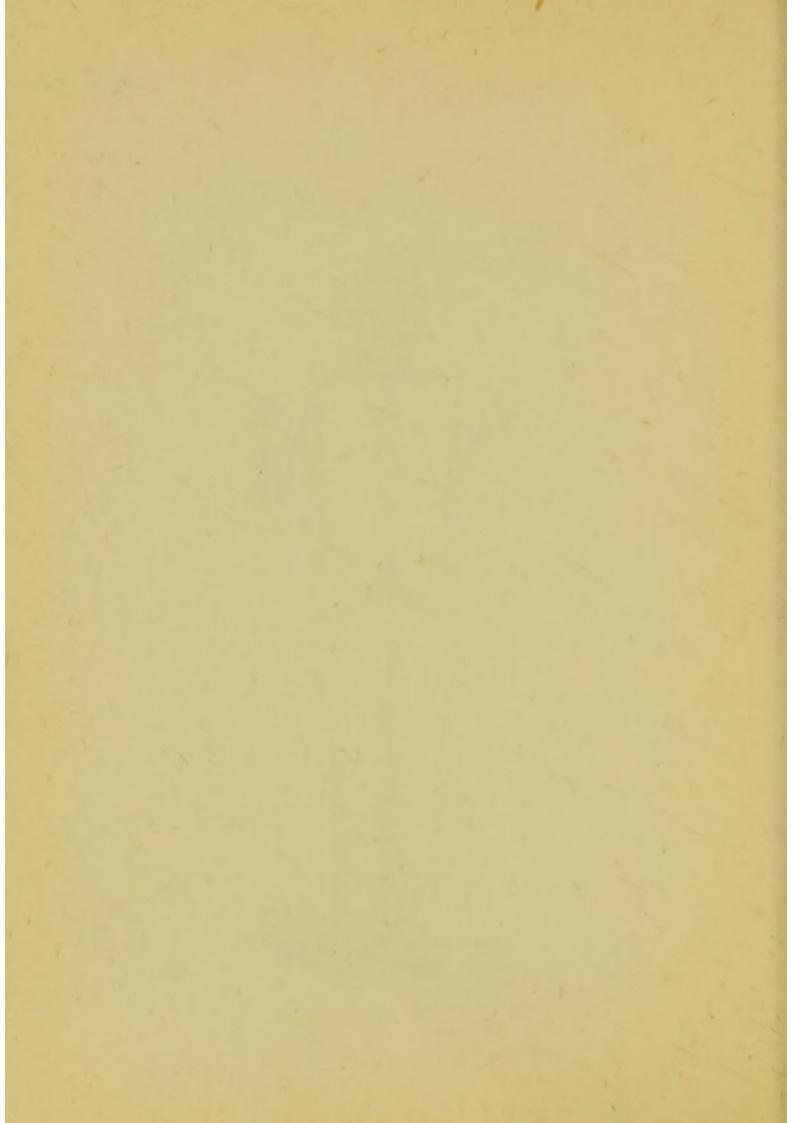


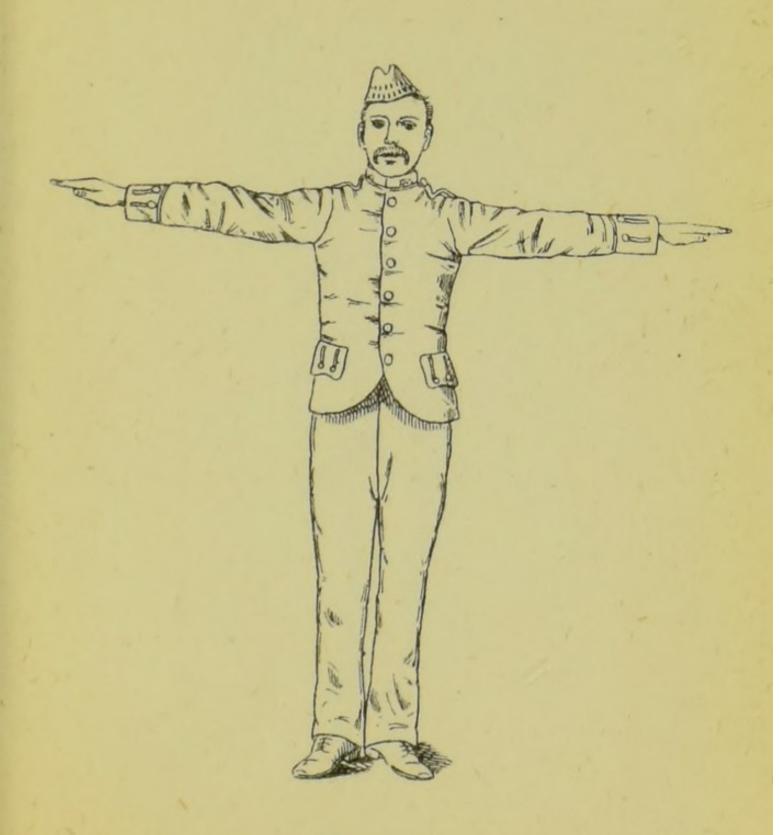
Plate VIII.

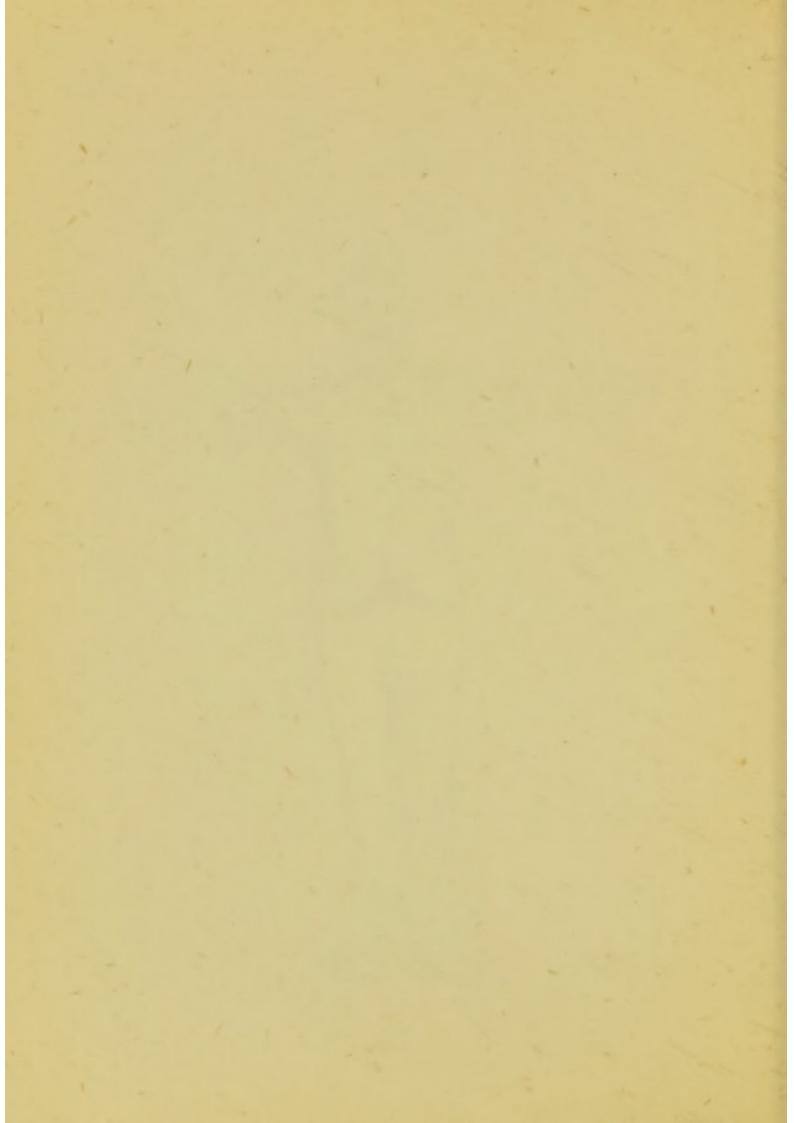


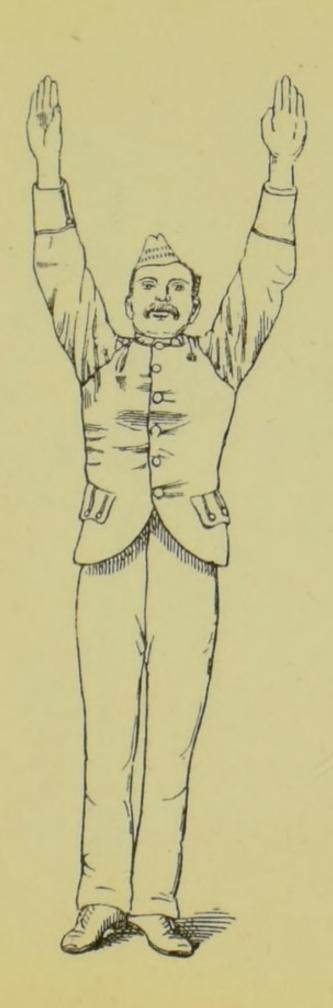












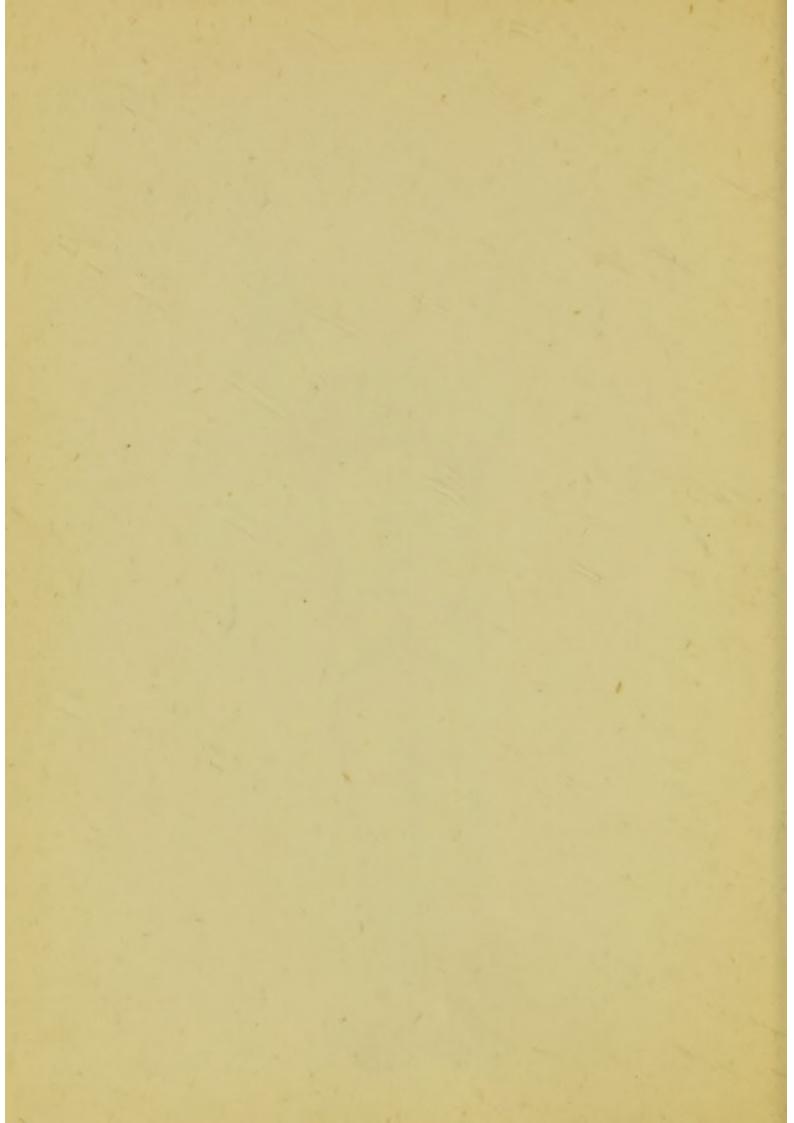
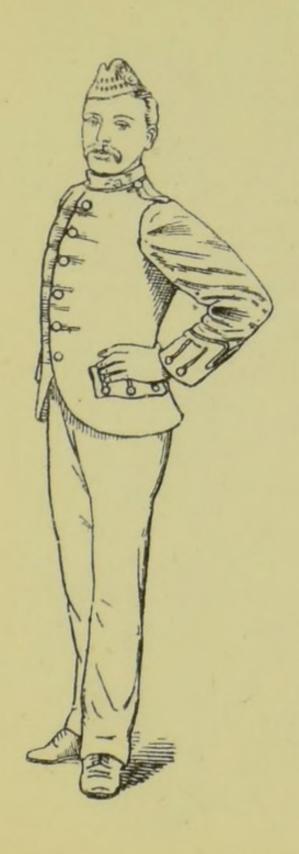
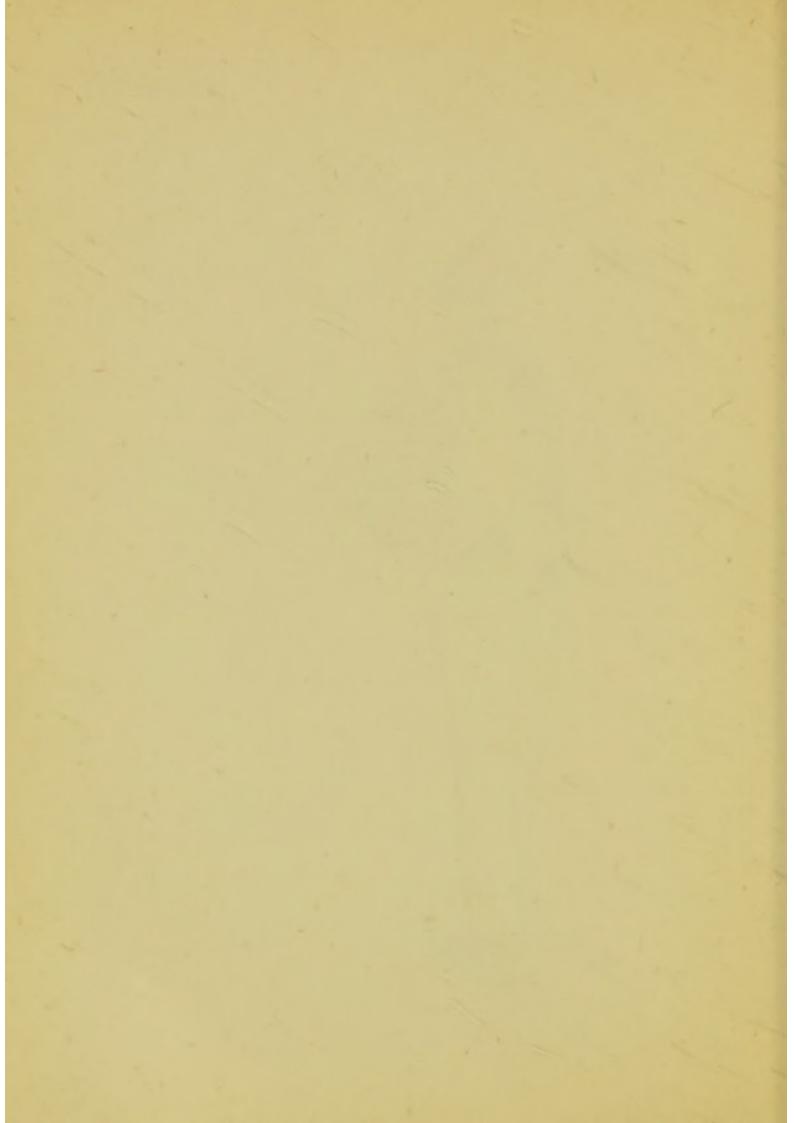
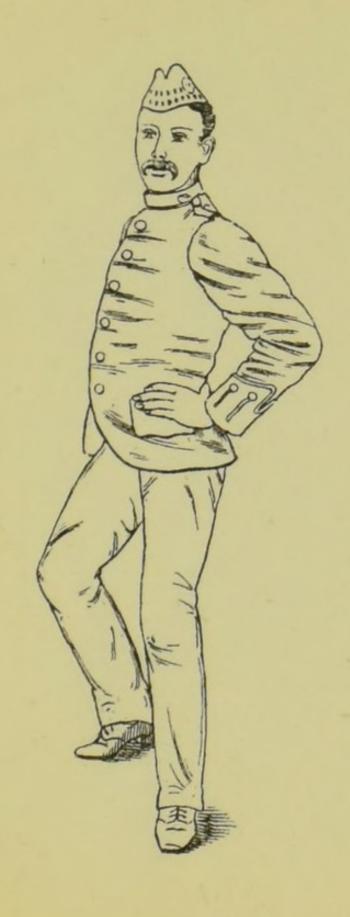
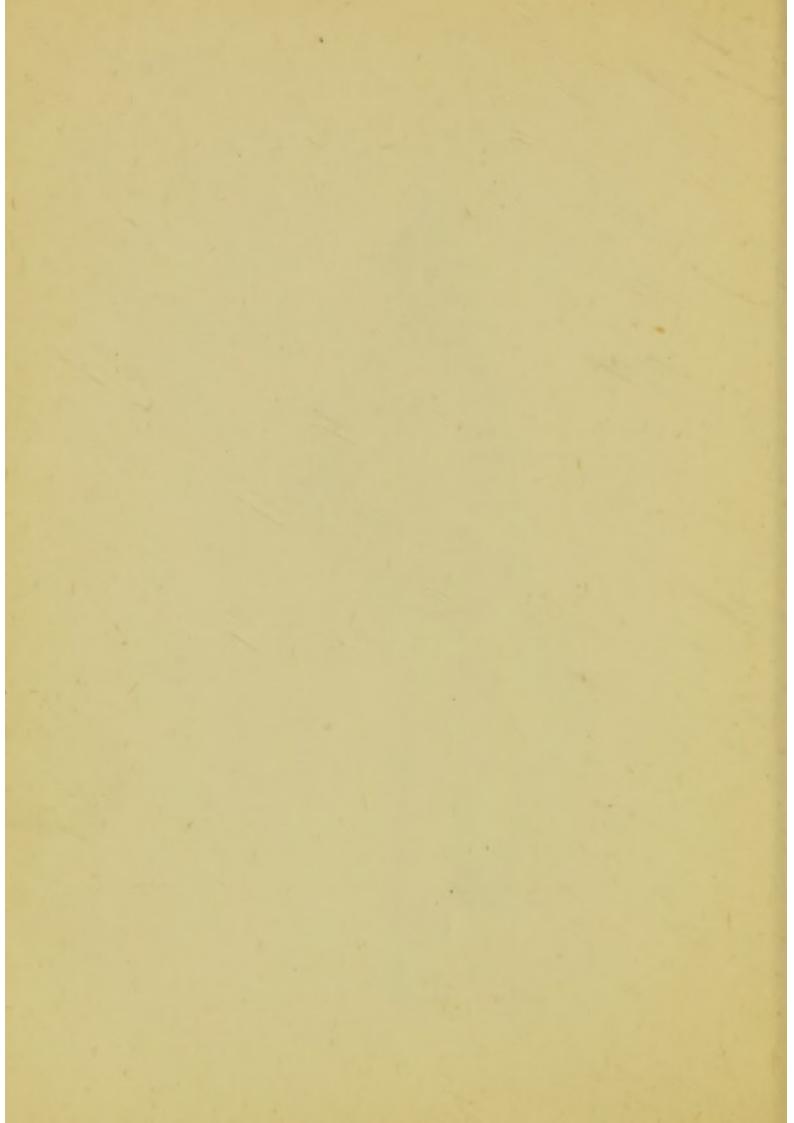


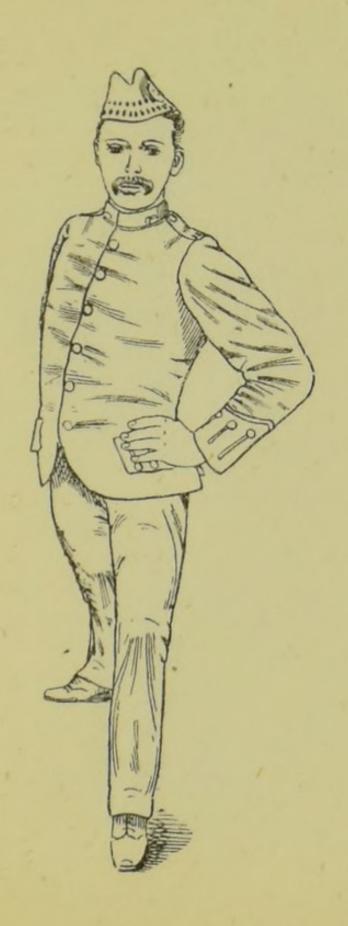
Plate XII.

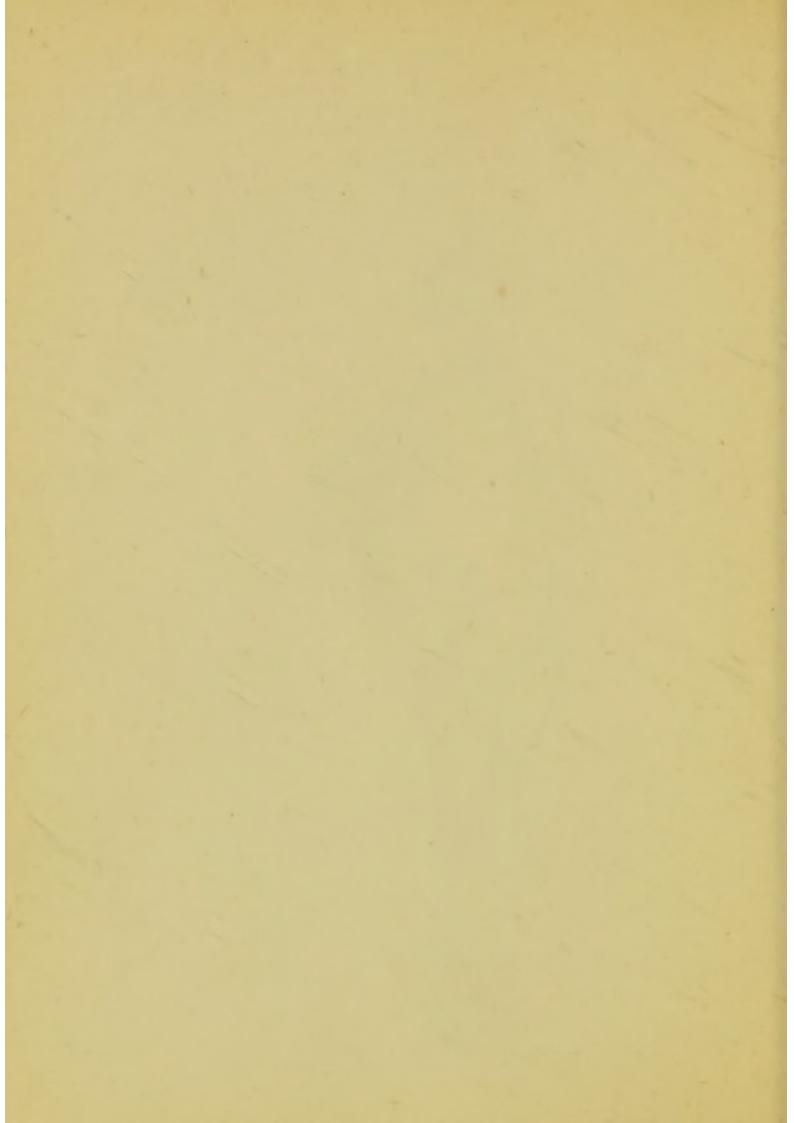


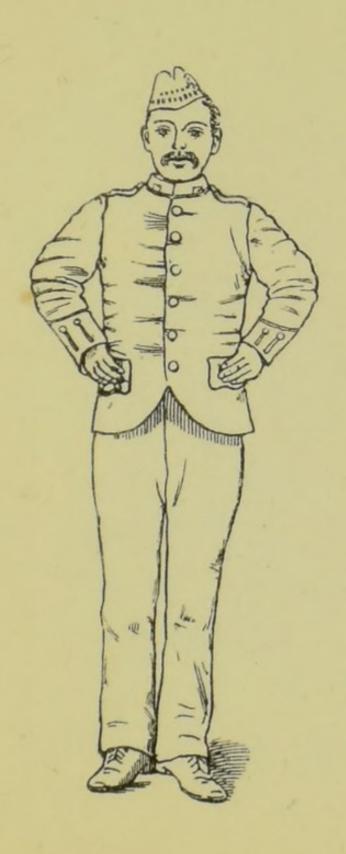


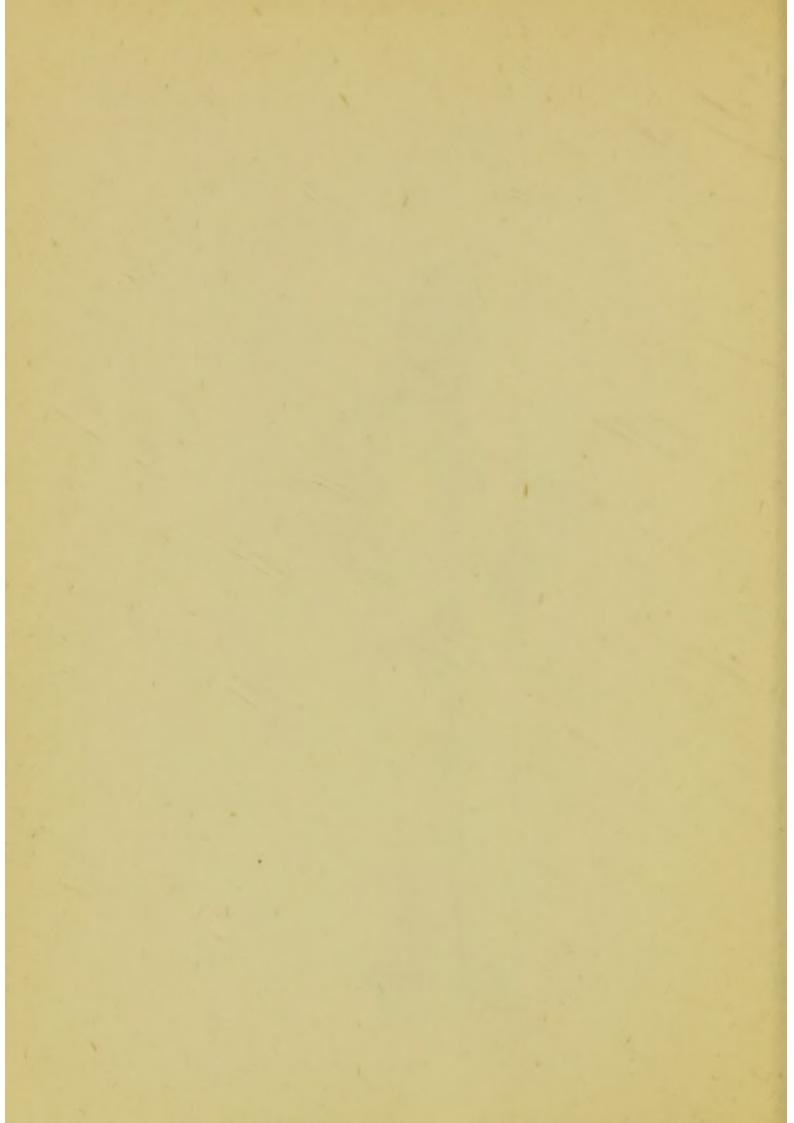


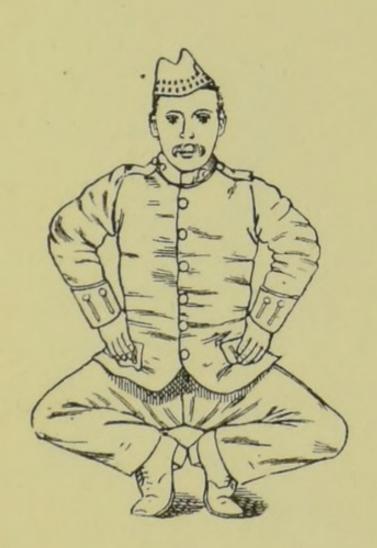


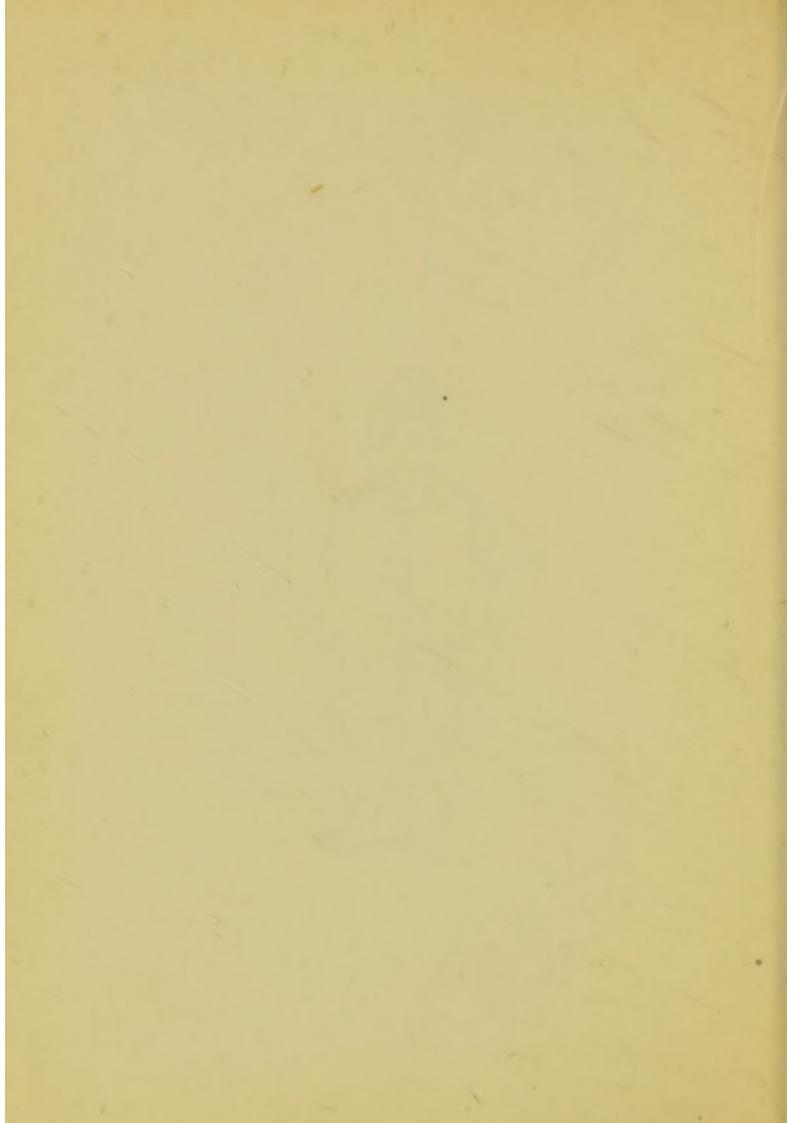


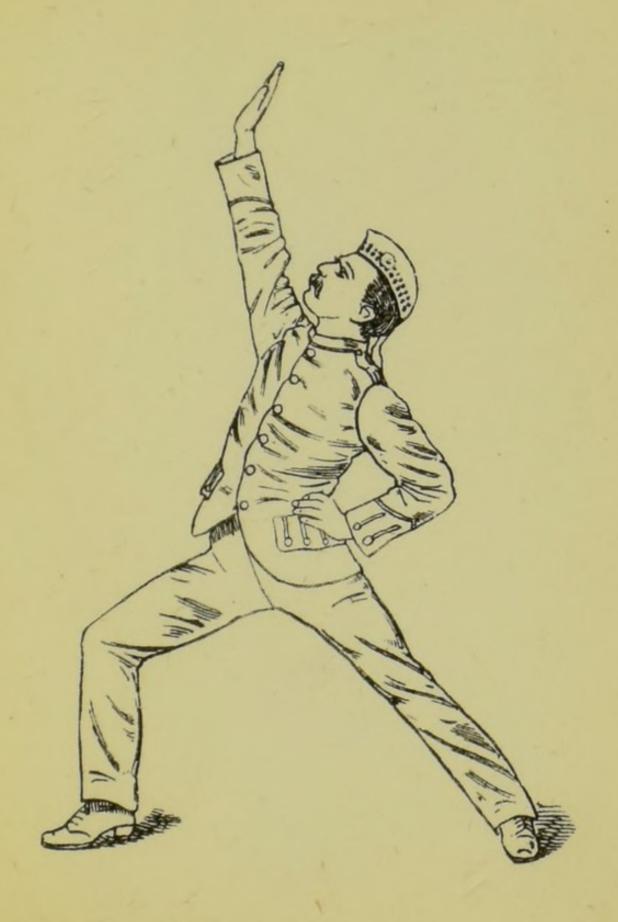












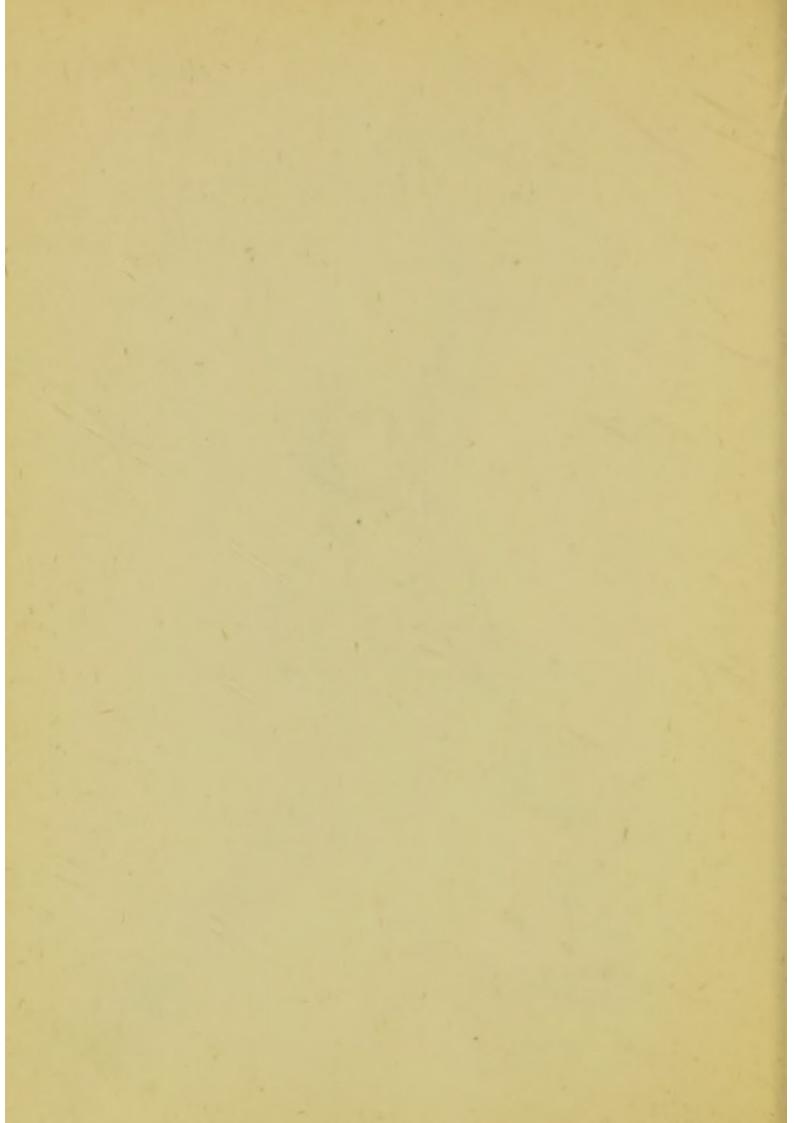
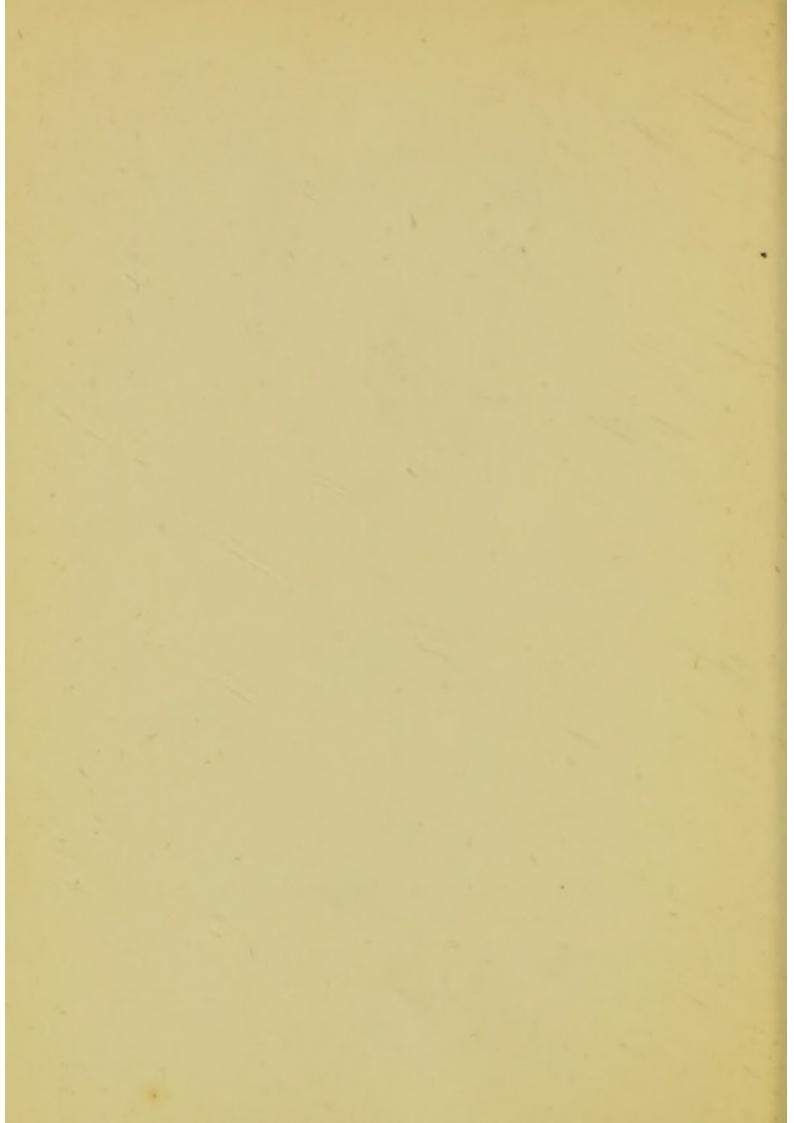
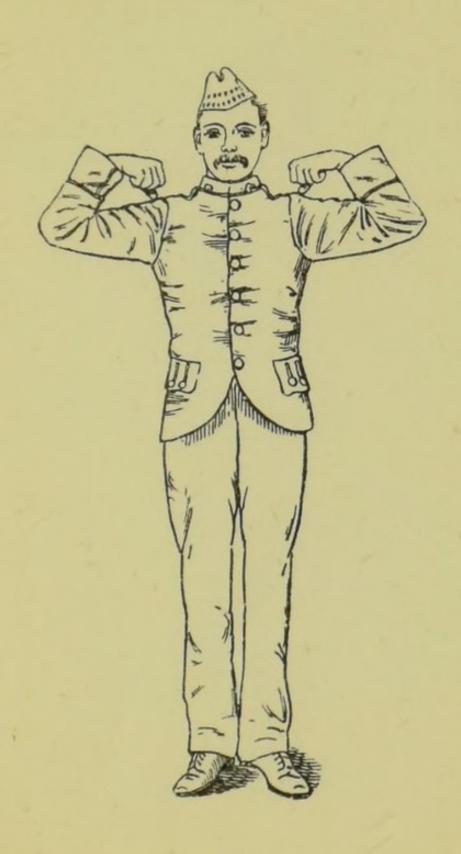
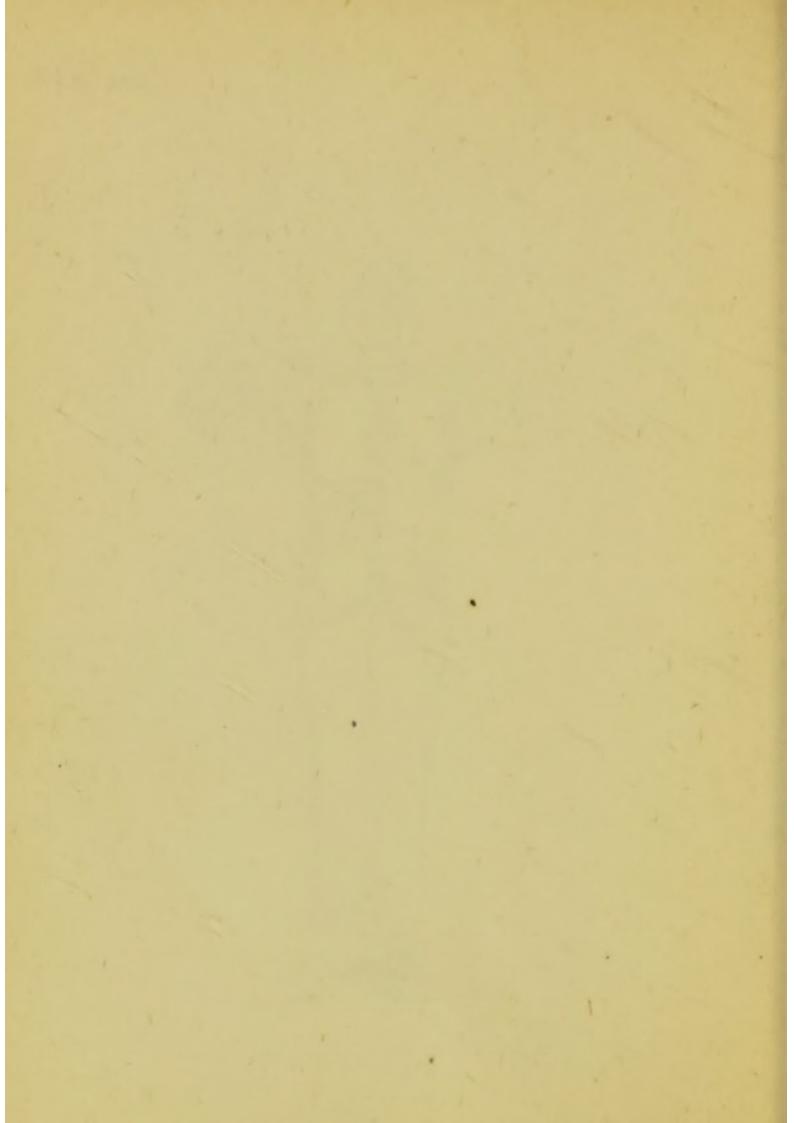


Plate XVIII

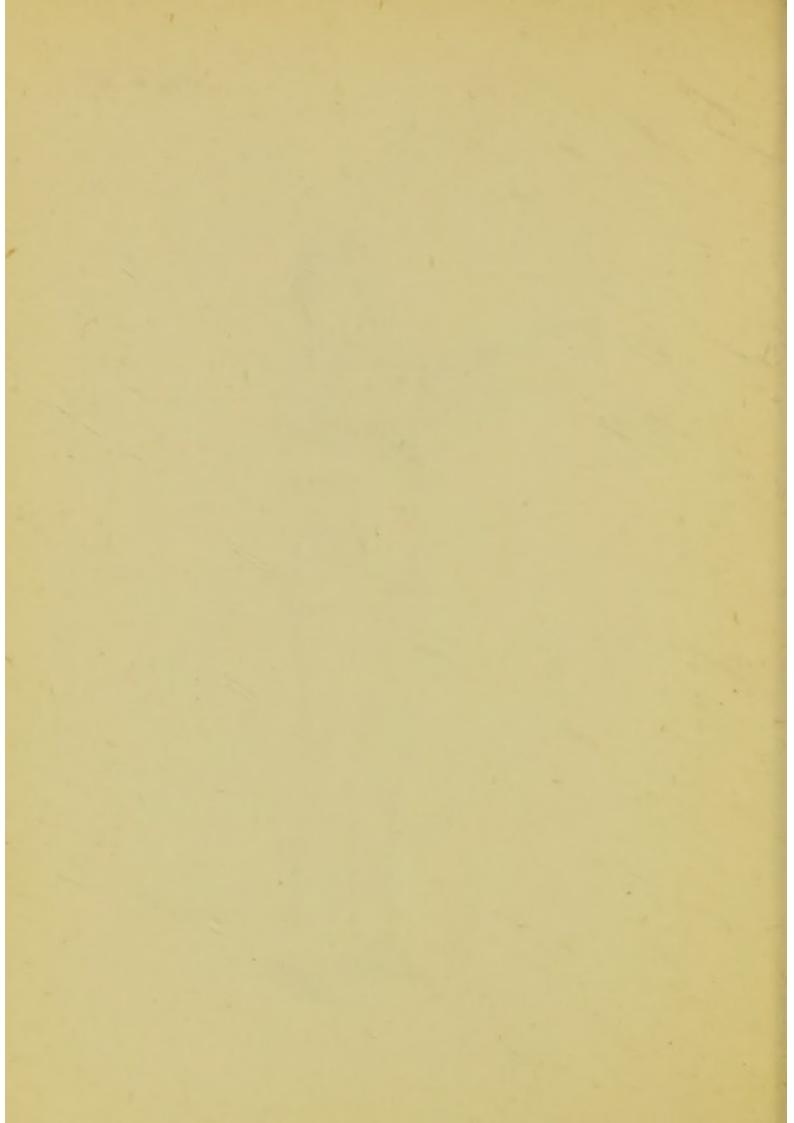


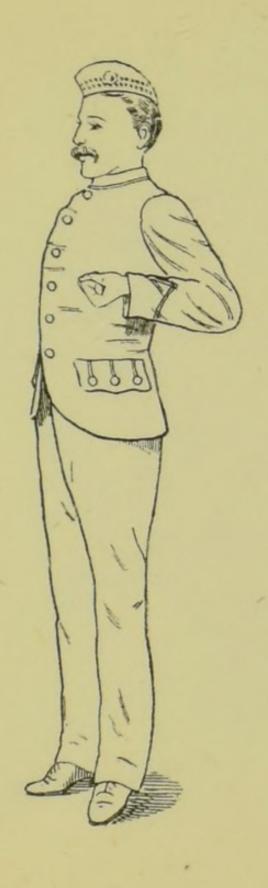


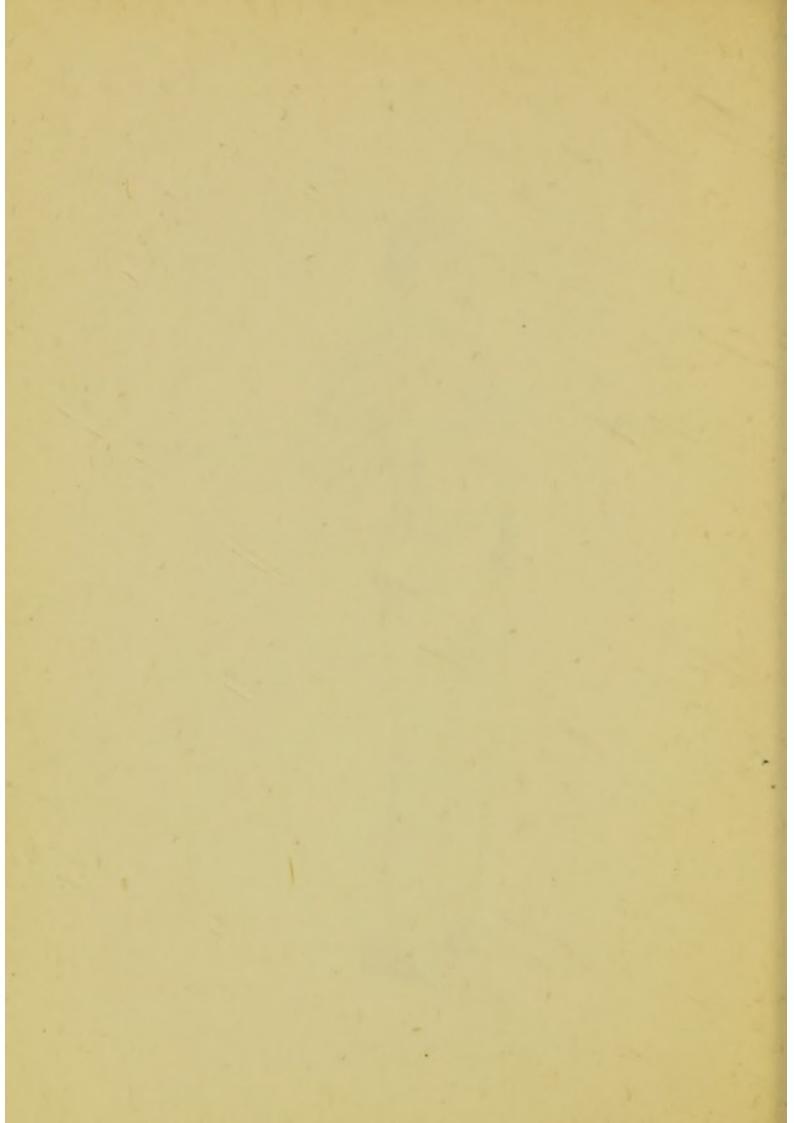


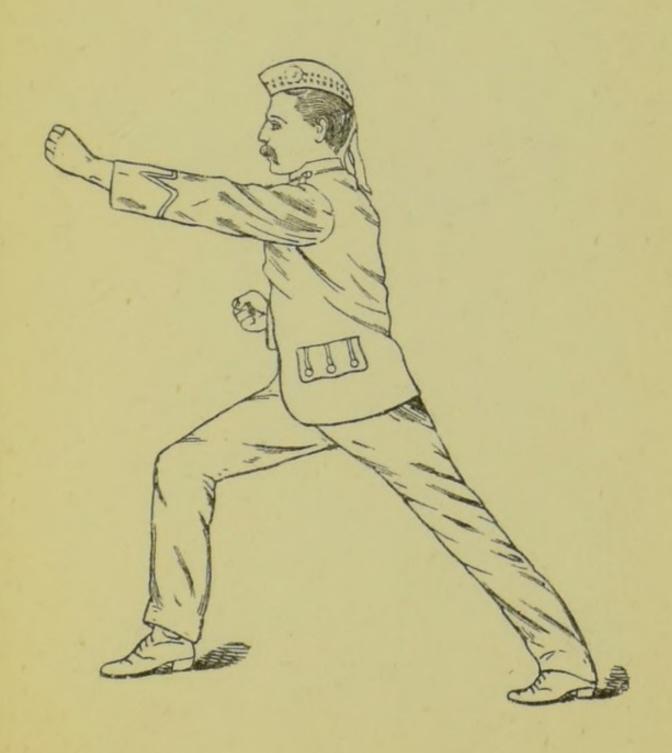


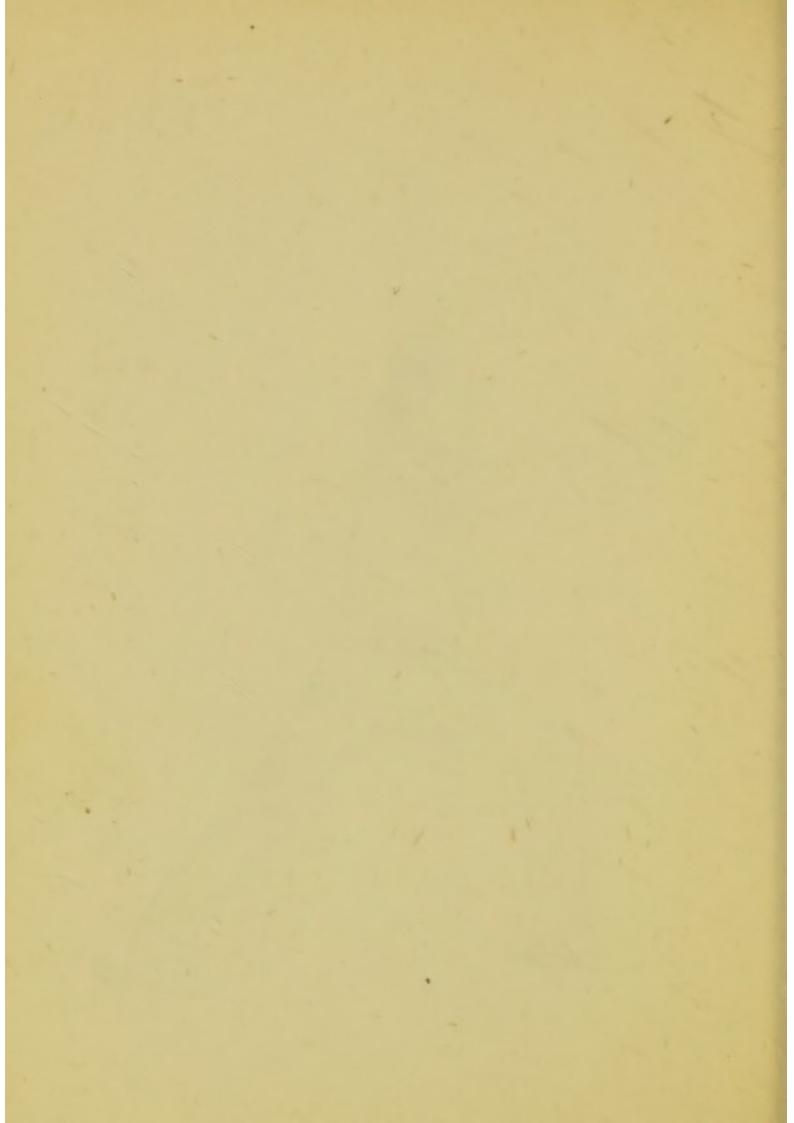


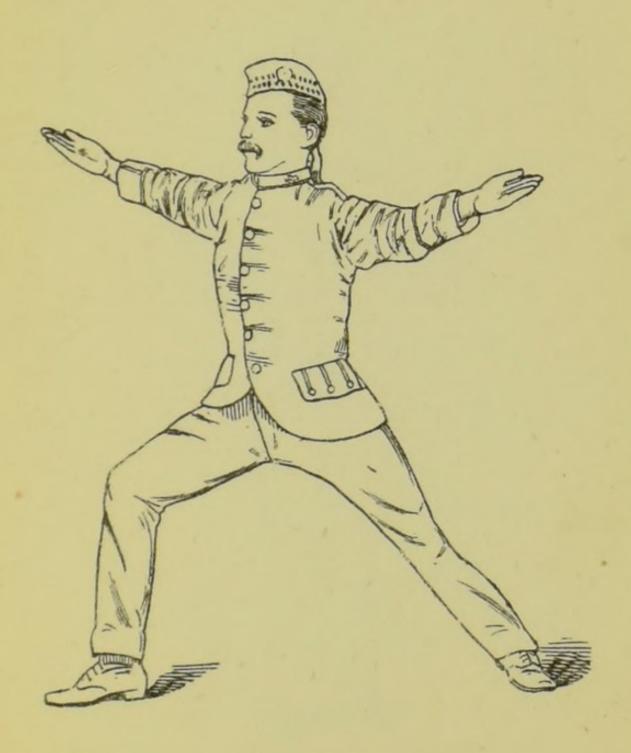












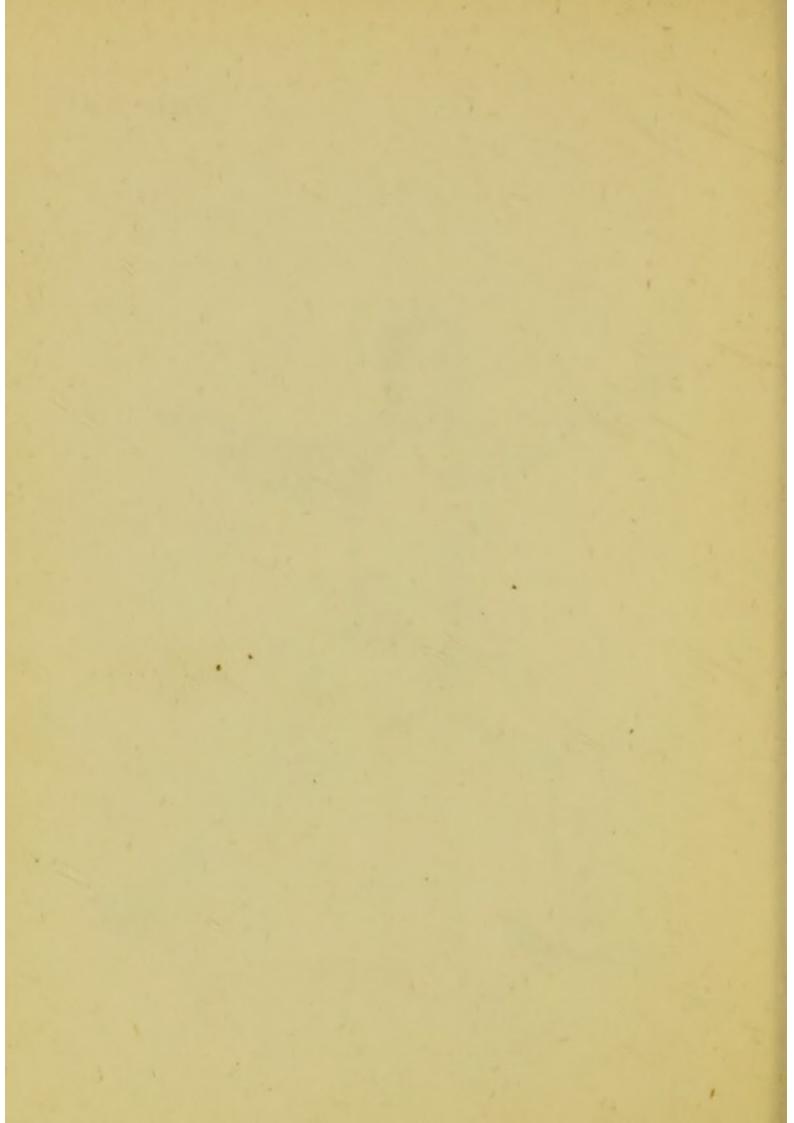
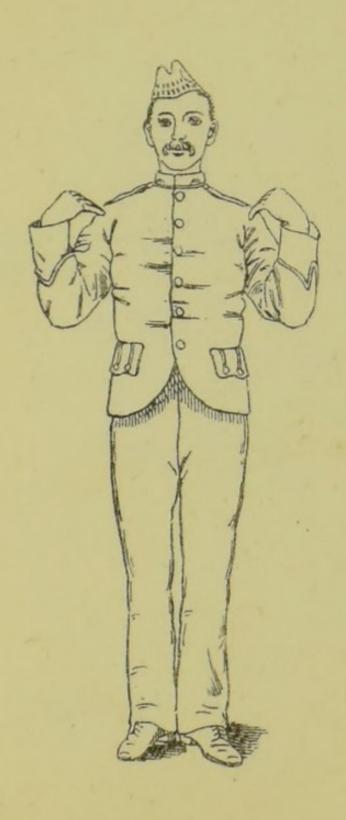
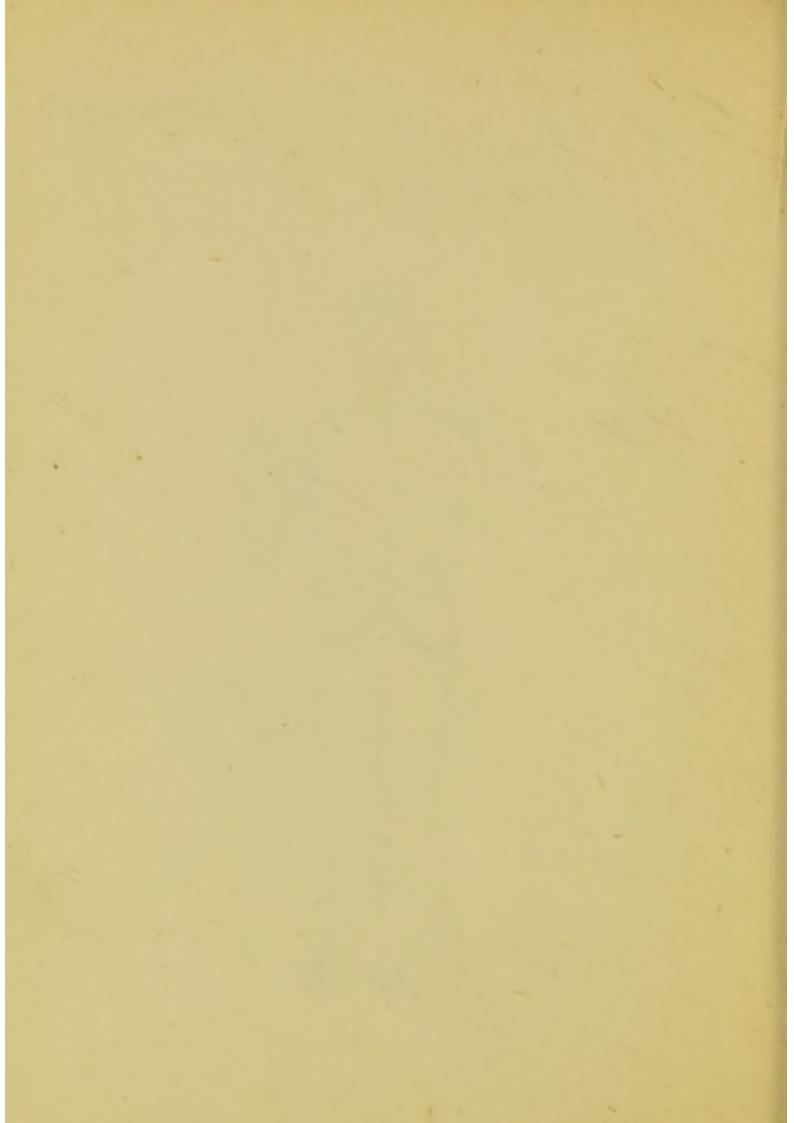
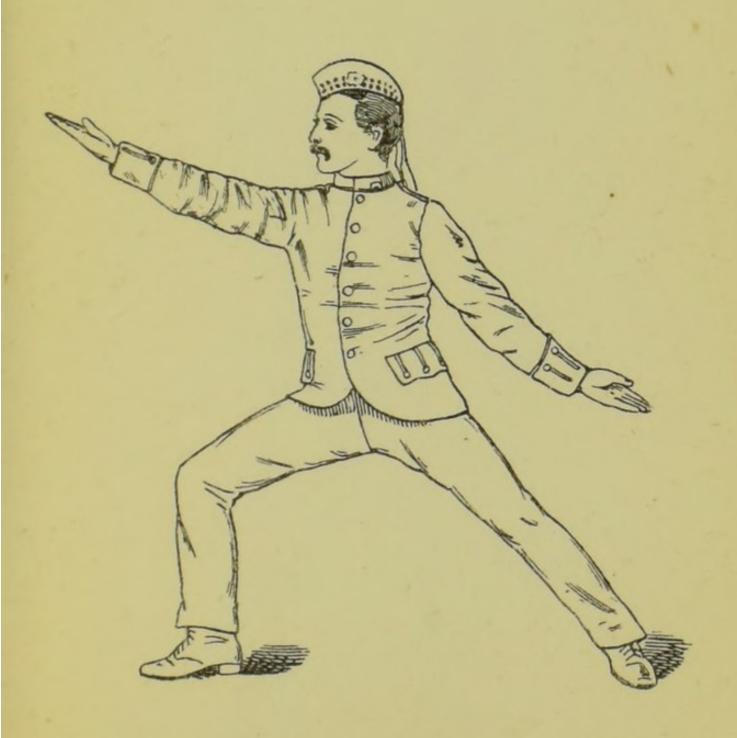
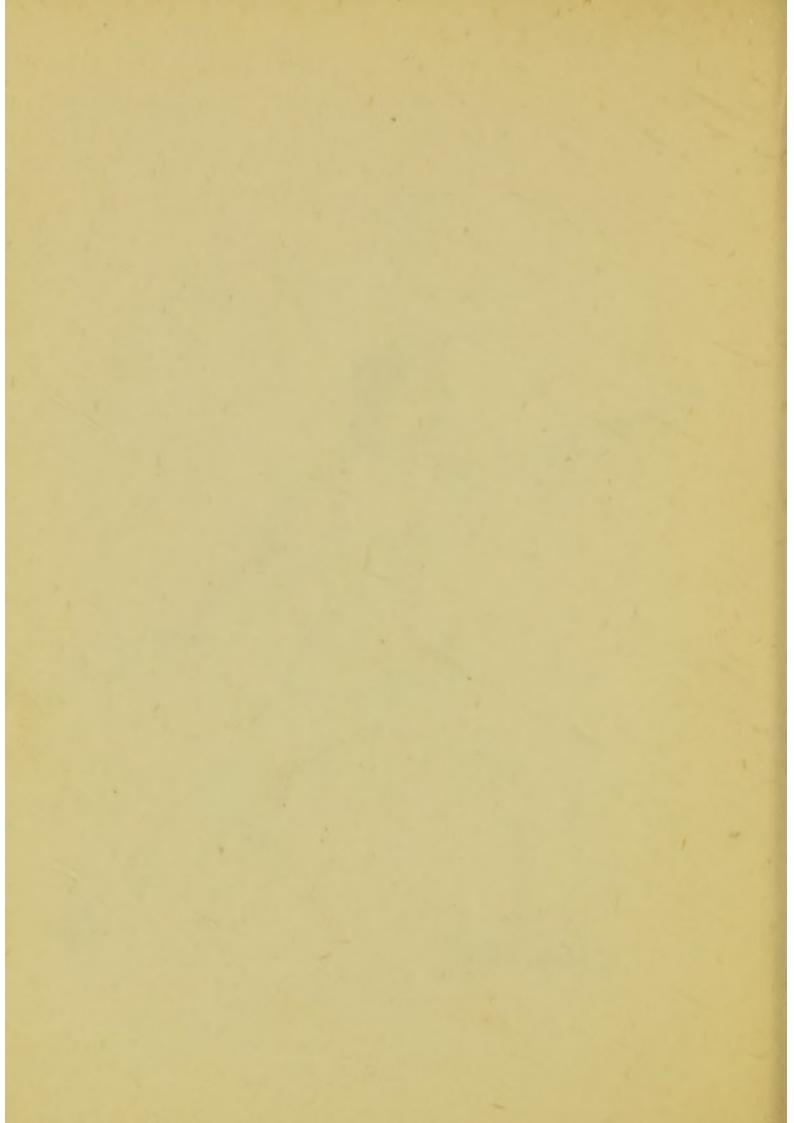


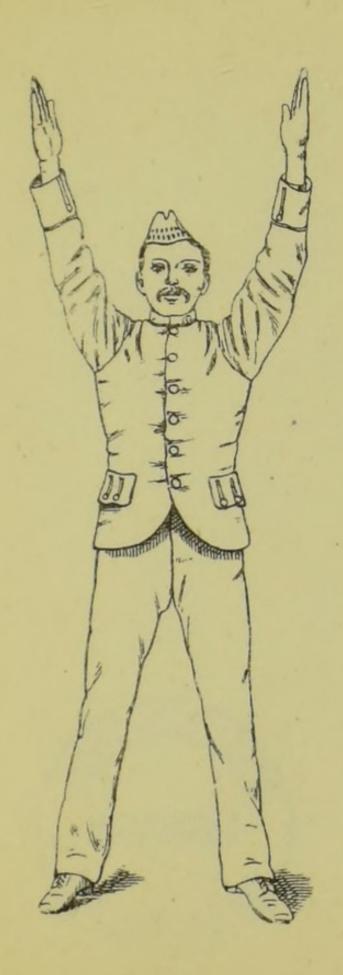
Plate XXIV.



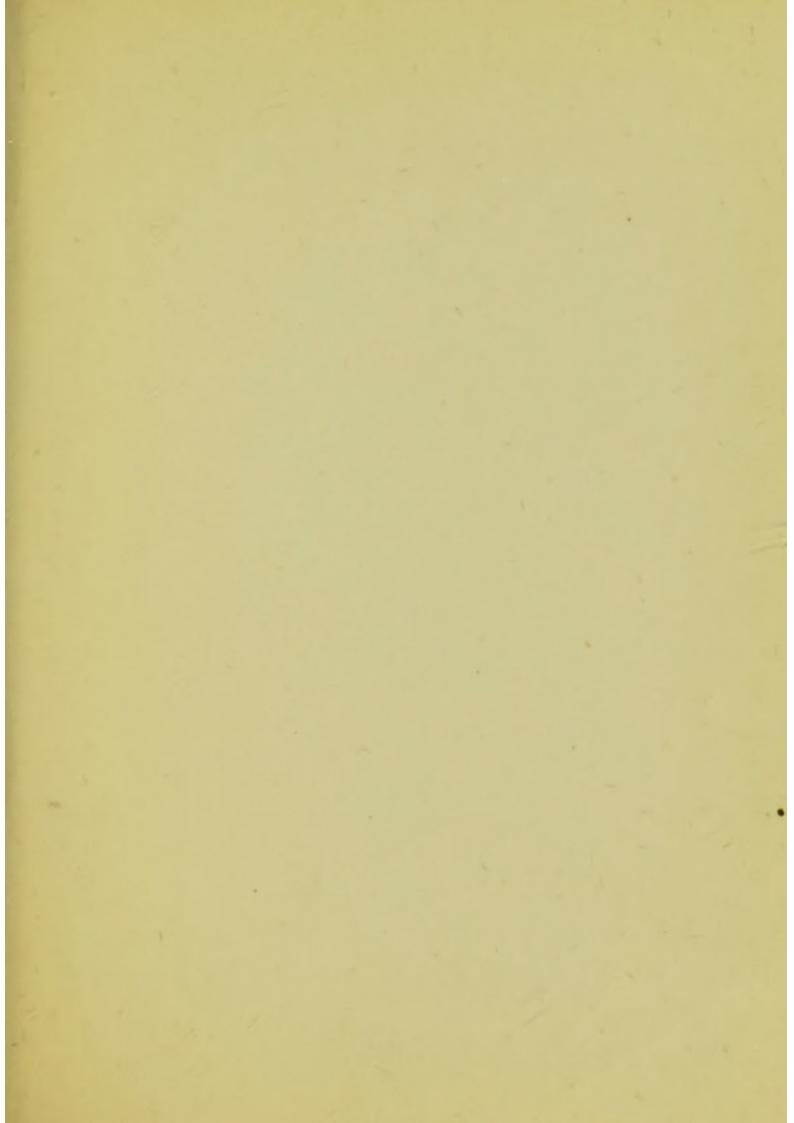


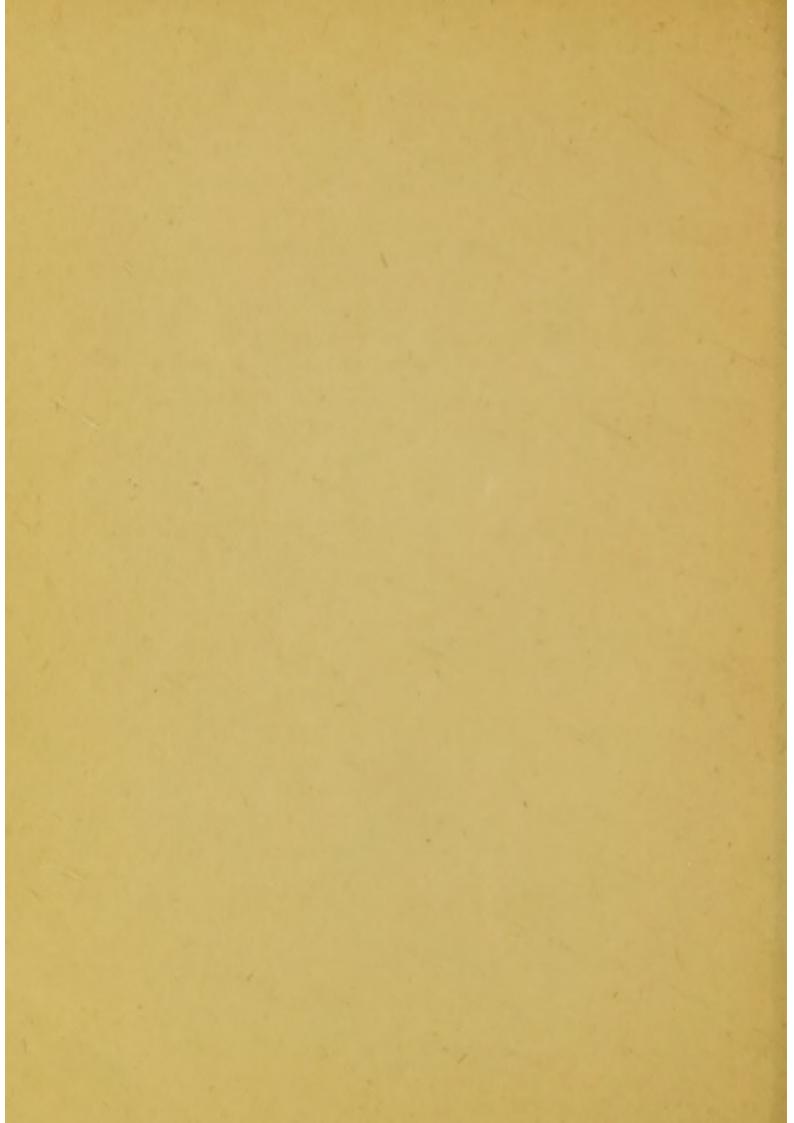












Compiled for the use of soldiers about to be discharged or transferred to Army Reserve... 0 6 EMPLOYMENT FOR RETIRED SOLDIERS.— "A conderable section of the unemployed amongst us is omposed of retired short-service soldiers, and it is elieved that half of these do not know special efforts ave been made to find men of good character in work. Iessrs. Gale & Polden, Ltd., the military publishers, saue at the cost of sixpence a capital little guide to the neans of obtaining civil employment. With this in his and the discharged soldier in any part of the country ought not to be long out of work."—Daily Chronicle.

Guide to the Examination for Promotion for Non-Coms. In accordance with the New Infantry Drill. Including Questions and Answers thereon. Lance-Corporal to Corporal and Corporal to Sergeant, in One Volume. ... 3 6

The Author has already published several works which have been of substantial service to N.-C. Officers and Men, but he has done nothing better than this

hand-book to premotion.

"In selecting the necessary passages for the present volume, the Author has done nothing inefficiently. The actual text is given in each case with questions and answers on those parts on which viva voce questions may be put by the Examining Board."—Army and Navy Gazette.

Attack Drill Made Easy. Revised with

"The illustrations are numerous, and will be useful, as will the detailed commands of the various comman-

ders set out in the margin."-Broad Arrow.

"A useful little manual for all ranks, giving the details of command down to section leaders, and good advice regarding the formation and distribution of the various units."—Athæneum.

* Recommended by the Commander-in-Chief.

Guide to obtaining a First Class Army School Certificate. 5th Edition. Revised and Enlarged. Group I., 1s. 6d.; Group II.	2	6
Guide to obtaining a Second Class Army School Certificate. 7th Edition. Revised and Enlarged	1	6
Guide to obtaining a Third Class Army School Certificate. 5th Edition	0	6
The above are a most successful help in ga Certificates, and are being strongly recommende all the Inspectors and Schoolmasters throughou Army.	ed l	by
Guide to Copying Manuscripts, for the use of Candidates for a 1st Class Certificate of Education, with Key and Hints on Handwriting as taught in ARMY SCHOOLS	2	0
Approved for use in Army Schools by the Dir of Army Schools.	ect	or
Guide to Fitting Slade-Wallace Equipment. Illustrated with 13 Plates. 5th Edition. As worn on the Field, laid out on Parade, and in the Barrack-Room. As approved at Aldershot	0	6
Military Examinations in Arithmetic. Part I., containing the Papers set for 1st Class Army School Certificate, with Answers, Hints and Solutions, &c	1	606

All Military Books are obtainable Post Free from the Printers, GALE & POLDEN, Ltd., WELLINGTON WORKS, ALDERSHOT.

Guide to Physical Training of Recruits and for Company Training. Illustrated with 16 Plates. As taught at Aldershot	0	6
Guide to Spelling: or the Soldiers' Spelling Book. For obtaining a School Certificate. Including Technical Terms and words of daily use in Army matters. By an Army Schoolmaster	0	6
Military Sketching Made Easy and Military Maps Explained. By Colonel H. D. HUTCHINSON, B.S.C., Garrison Instructor. Fully Illustrated with Plain and Coloured Plates. Cloth. 5th Edition	4	0
Catechism on Field Training. New Edition. In accordance with the Revised Syllabus in New Infantry Drill	,	
Tactics Made Easy for Non-Commissioned Officers and Men. By Colonel H. D. HUTCHINSON, B.S.C		
Hints to Young Soldiers. By W. GORDON		
"A little budget of good, sound, wholesome ad in plain language. It would be well if a copy cour given to every young soldier first starting on his career."—Broad Arrow.	lvie	ce,
The Soldier's Health, and How to Preserve it. By Surgeon-Captain J. R. FORREST, A.M.S. Dedicated, by permission, to Field-Marshal Lord Roberts, V.C., &c., &c.	0	6

All Military Books are obtainable Post Free from the Printers, GALE & POLDEN, Ltd., WELLINGTON WORKS, ALDERSHOT.

GALE & POLDEN'S MILITARY SERIES.

Colden a Market Dealer to Comment Della Land Della Land	
Guides & Markers Duties in Company, Battalion, Brigade s.	
and Ceremonial Movements, illustrated 2	
	0
Manual, New Bayonet and Firing Exercise for Lee-Metford	
	6
Physical Training Without Arms, fully illustrated 0	
On Outpost: What to do, and How to do it 0	
Physical Drill With Arms, fully illustrated 0	24
	B
Hints to Young Soldiers 0	
Military Sketching for Non Coms, and Men 0	6
Guide to a 3rd Class Army School Certificate 0	0
Guide to a 2nd Class Army School Certificate 1	
Guide to a 1st Class Army School Certificate 8	
Guide to Official Letter Writing, Orders, &c 1	
Copying Manuscripts and Hints, on Hand-Writing as	
taught in Army Schools 2	0
Company Drill Made Easy, illustrated	6
Battalion Drill Made Easy, illustrated 2	
	.0
Company Squad Roll Book (pocket size)	0
	0
Catechism on Field Training, illustrated 2	0
	- 6
Tactics for Non. Coms. & Men	
Pay Sergeant's Complete Account Book	
Infantry Fire Tactics, illustrated	0
Military Sketching Made Easy, illustrated	0
Notes on Fire Control, Discipline, &c	6
The Cavalry Squad Book (pocket size)	-
The Field Report Book	
Free Gymnastics and Light Dumb Bell Drill, illustrated 1	
Field Fortification, Notes on the Text Books 4	
Guide to Promotion for Non-Coms. : Lance-Corporal to	
Corporal, Corporal to Sergeant, in One Volume	
Discipline: Its Reason and Battle Value, by Lieut,	
Fire Discipline: Its Foundation and Application	

