

No. 831,934.

PATENTED SEPT. 25, 1906.

E. T. CONLEY.

RIFLEMAN'S SCORE SHEET OR CARD.

APPLICATION FILED MAR. 13, 1906.

500 YARDS.													
Day.	<div style="display: flex; justify-content: space-between;"> <div> <p>Elevation corrections in yards.</p> <p>Elevation corrections in yards.</p> </div> <div> <p>Windage corrections in points.</p> </div> </div>												
Month.													
Hour.													
Ammunition.													
Wind.													
Direction.													
Notes:	<div style="text-align: center;"> <p>. d</p> </div>												
Score.	SS	SS	1	2	3	4	5	6	7	8	9	10	Total.
Elevation													
Windage R													
L													
Flags.													
Notes:													

Witnesses:

Jas. Hutchinson  
Nehri F. Rowe

Inventor:

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# UNITED STATES PATENT OFFICE.

EDGAR THOMAS CONLEY, OF THE UNITED STATES ARMY.

## RIFLEMAN'S SCORE SHEET OR CARD.

No. 831,934.

Specification of Letters Patent.

Patented Sept. 25, 1906.

Application filed March 13, 1906. Serial No. 305,906.

*To all whom it may concern:*

Be it known that I, EDGAR THOMAS CONLEY, a citizen of the United States, officer of the United States Army, have invented certain new and useful Improvements in Rifle-  
men's Score Sheets or Cards, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to an improvement in rifle-  
men's score sheets or cards presently to be described, and defined in the claims.

In rifle practice at varying ranges the sights on the gun are necessarily adjusted to compensate for weather conditions, wind-pressure, and for other causes, instances being where a heavy cross-wind occurs or where the atmosphere is damp or where the rifle is at fault, &c. This renders it necessary to adjust the sight up or down or transversely, as the case may be, and in the event of the sight not being adjustable the rifleman manifestly is required to spot the target with the sight at such points as will allow as near as possible for the conditions as they exist. For the  
above purposes, in the regular-army service and national-guard service, score-cards are provided with explicit directions in the books or on the cards, indicating to the rifleman to what extent he should adjust his sight when the previous shots indicate an improper adjustment with relation to the atmospheric wind conditions or other causes.

My invention therefore pertains to score-cards wherein miniature or representative targets are printed thereon, and associated with such miniature targets or representations are the necessary indicating-marks which will enable the rifleman to properly adjust his sights or range his shots without the necessity of referring to definitions or rules requiring the figuring out and determining as to the exact adjustment.

While I have suggested that the invention relates to an improvement in score-cards, it is of course to be understood that it can be applied to leaflets or book-leaves as well as to representations on other objects.

In the drawing a card is illustrated in the single figure.

At the left-hand side of the card is conveniently arranged a space A, containing a diary as to the day, month, and hours when the special target—as, for instance, a five-hundred-yard target—had been fired at. Below the space for the diary or memorandum is a space *a* for notes for the entry of conditions

other than those entered on the lines of the upper part of the space A. The lower part of the card is devoted to a ruled form B, having horizontal and vertical lines and at the left-hand edge elongated spaces for the indicating-marks to be entered in the other part of the blank. Of course it is to be understood that the particular ruling of the parts A and B may be varied without departing from the invention. In the field C is formed a squared representation of a target having a series of concentric circles therein, as shown at D. This squared field or target representation is crossed by a series of dotted lines *e*, spaced substantially equidistant apart, and the field is likewise crossed by central, horizontal, and vertical lines *e'*, the same crossing each other at the immediate center of the target representation, thus dividing the target-field into four sections, each of which is crossed by vertical and horizontal dotted lines. At the ends of each line I place on the card suitable digits or other characters indicating the directions for the rifleman in adjusting his sight or allowing for distance, wind, and atmosphere. An instance would be if the rifleman had found that his shots were collected at a certain point on the target fired at and the same were below the central line, approximating the line 25 +, he would raise his sight to twenty-five yards, which would bring the hits to the proper horizontal elevation. The same act would be required for lateral wind-pressure. It will therefore be seen that by the chart or target, subdivided by vertical and horizontal lines each of which have characters for indicating the amount of adjustment of the sight, the rifleman can with great rapidity and without the necessity of studying rules and regulations adjust his sight or position the gun so as to compensate for prior ascertained conditions. I prefer to have in space C suitable words indicating the windage correction in points at the top and bottom of the target and representation and elevation corrections in yards at the sides.

Of course the number of circles within the target representation can be varied, and the blank spaces for entries can be differently positioned on the sheet.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. A scoring device for riflemen comprising a target representation crossed by a series of horizontal and vertical lines and having adja-



cent said lines a series of characters designated to indicate the elevations and the windage corrections.

2. A score-card comprising a rectangular field, a target representation located within the rectangular field and crossed by a series of lines extending in one direction and a series of lines extending in directions at an angle to said other lines, one set of said lines having appropriately-designated windage-correcting indications and the other of said lines having appropriately-designated elevation-correcting indicating-marks, substantially as described.

3. A score sheet or card consisting of a

sheet having thereon a form having suitably-designated spaces for receiving appropriate designations of time and other notes, also a form having suitably-designated spaces for recording results, and a target representation which latter is crossed by suitable lines having respectively, appropriately-arranged marks suitably designated to indicate windage and elevation corrections.

In testimony whereof I affix my signature in presence of two witnesses.

EDGAR THOMAS CONLEY.

Witnesses:

CHARLES G. SMITH,  
W. E. MERRITT.