

A. GURNY, R. H. PIPER & H. E. WAITE.

TOY MARBLE RAKE.

No. 180,226.

Patented July 25, 1876.

Fig. 1

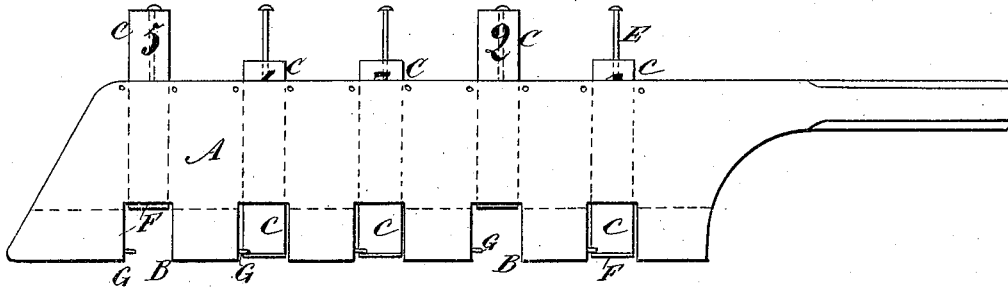
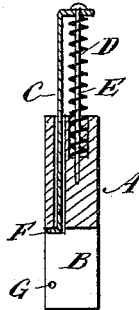


Fig. 2



WITNESSES:

C. Neveu
John Goethals

INVENTOR:

A. Gurny
R. H. Piper
H. E. Waite

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALFRED GURNY, ROBERT H. PIPER, AND HENRY E. WAITE, OF BRIDGE-
PORT, CONNECTICUT.

IMPROVEMENT IN TOY MARBLE RAKES.

Specification forming part of Letters Patent No. **180,226**, dated July 25, 1876; application filed
May 22, 1876.

To all whom it may concern:

Be it known that we, ALFRED GURNY, ROBERT H. PIPER, and HENRY E. WAITE, of Bridgeport, county of Fairfield, and State of Connecticut, have invented a new and Improved Marble-Rake, of which the following is a specification:

Our invention relates to the rake or notched bar employed in marble-playing for determining the gains by the numbered notches through which the marbles pass; and it consists of a spring-tablet, one to each notch, with the number of the notch upon it, and contrived to be set in the way of the marble passing through the notch, being tripped by the striking of the marble against it. On being raised it exposes the number of the notch to view, thus showing the count toward game, the number being concealed while the tablet is set.

Without these numbered tablets there is always uncertainty as to which notch the marbles go through, leading to disputes, which will be entirely avoided by this contrivance.

Figure 1 is a side elevation of our improved marble-rake, and Fig. 2 is a transverse section, taken on line *x x*.

Similar letters of reference indicate corresponding parts.

A is the bar or plate, having notches B in one edge, to be held on the ground for shooting marbles through, and with which we propose to combine the number-tablets C, instead of placing the numbers on the side of the plate, as heretofore, and we fix them with a spring, D, and a guide, E, to throw and guide

them up; also, with a catch, F, and a stud-pin, G, to hold them down, so as to conceal the numbers within the plate, through which the tablets slide. The stud G and the catch F are so contrived that when the marble, which would go through the notch if it was open, strikes the tablet it will detach the tablet from the stud, and allow the spring to raise and expose to view the number of the notches to be counted for the player.

The springs and the catches may be modified in any desired form and arrangement without departing from the spirit of our invention, the essential feature of which is the contrivance of number-tablets with the marble-rake, to be made by the striking of the marbles, to show the number of the notches to counted.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The improved marble-rake, herein set forth, consisting of the plate A, having notches B and spring-tablets C D, arranged to be disengaged by the impact of the marble, and display their numbers, substantially as described.

ALFRED GURNY.
ROBT. H. PIPER.
HENRY E. WAITE.

Witnesses for PIPER and WAITE:

T. B. MOSHER,
C. SEDGWICK.

Witnesses for A. GURNY:

WM. A. NELSON,
JOHN BURKE.