

WR PATENT NEWS # 2007-20

US PATENT 65057 CARTER chalk line holder 1867 US PATENT 1567976 MYERS chalk line holder 1925

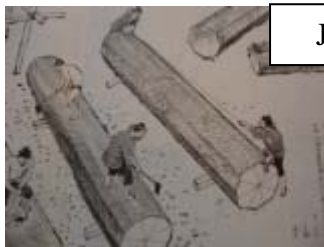
As you perhaps now I am also collecting CHALK LINES (old and new ones). This WR Patent News and #21 and #22 will treat chalk lines and combinations of chalk lines with plumb bobs.

Today I will talk about chalk lines only. It is called also SNAP LINE in England. This term says how it was used.....

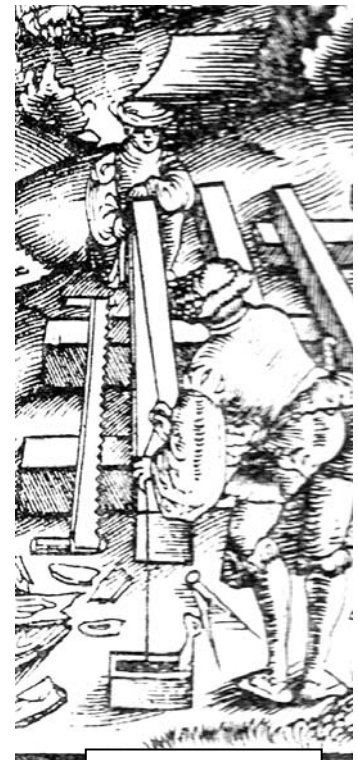
Here are some examples from my collection: From China, Japan (sumitsubo), Sweden, Germany etc.

The carpenters used the chalk line as shown in the old picture from 1531 to mark a straight line to have guide where they had to cut the wooden beam.

From Primitivo I got pictures from a museum in Japan showing also the work of the carpenters. Used as chalk line AND used as plumb bob.



JAPAN



Germany 1531

In my collection and exhibition I present:

- The VERTICAL line (**plumb bob**)
- The HORIZONTAL (**A-Level** and level)
- The ANGEL (**inclinometer** and hypsometer) and
- The STRAIT LINE made by **chalk lines**



But this is another story.

PATENT NEWS especially for PLUMB BOB COLLECTORS

The old European chalk line tools were a **set of 6 pieces**:

- SPOOL for the line,
- LINE to mark the wood or stone
- HANDLE with a fixed RING to press the LINE into the liquid.
- POT of wood or metal
- NAIL or HOOK to fix the end of the line
- LIQUID made by charcoal powder mixed with water (later and in the modern chalk lines we use chalk powder)



The Chinese, Japanese and South Sea chalk lines have very nice shapes in form of animals etc.:



PATENT NEWS especially for PLUMB BOB COLLECTORS

Because this work was very dirty the inventors were thinking about better solutions.

I am lucky to have in my collection the oldest patented chalk line that I could find:
Patent US65057 from 1867 John W. CARTER New York.

His invention is one page only (+ drawing), so I will present it completely.

United States Patent Office.

JOHN W. CARTER, OF NEW YORK, N. Y.

Letters Patent No. 65,057, dated May 28, 1867.

IMPROVEMENT IN CHALK-LINE MARKER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN W. CARTER, of the city, county, and State of New York, have invented, made, and applied to use a new and useful Chalk-Marker for carpenters, stone-cutters, and others; and I do declare the following to be a full, clear, and correct description of my said invention, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, in which—

Figure 1, a front view of my invention.

Figure 2, a sectional view of a part of the same.

Figure 3, a view of the same showing the parts separately.

In the drawings like parts of the invention are pointed out by the same letters of reference.

The nature of the present invention consists in the construction and operation, as more fully hereinafter described, of a new and useful article for the use of carpenters, stone-cutters, and others, which I term a chalk-marker.

Heretofore the carpenter, stone-cutter, or other artisan, has made use of a string or cord which was chalked by hand and placed upon the board, stone, or other article upon which the mark was to be impressed, in order that the same might answer as a guide to saw or cut by. The string was then held rather tightly at each end and snapped so as to impress upon the board or stone a mark to serve as a guide to saw or cut by.

To enable those skilled in the art to make and use my invention, I will proceed to describe the same.

A shows a receptacle for the chalk or other marking material employed. This receptacle may be made circular or of any convenient shape, and may be made of two pieces, as clearly shown in fig. 3 of the drawings. B is a spindle or shaft inserted within the receptacle A through suitable openings, and C is the cord which is wound upon the spindle or shaft, one end of the same projecting through the opening *a* in the receptacle. This spindle may be provided with a spool upon which the cord may be wound when desired.

The receptacle A may be filled with chalk or other marking material, and the cord is drawn from the same by taking hold of the end projecting through the opening in the receptacle. As the cord is drawn therefrom it is chalked by coming into contact with the chalk or other material placed in the receptacle. When drawn out the operation is precisely the same as now pursued with the ordinary chalked cord in use. After use, the cord may be rewound by turning the spindle by means of a crank upon the same, or the spindle may be revolved in any convenient way.

My invention is particularly valuable, owing to its cheapness and the rapidity with which the work can be done.

Having thus described the same, what I claim as new, and desire to secure by Letters Patent, is—

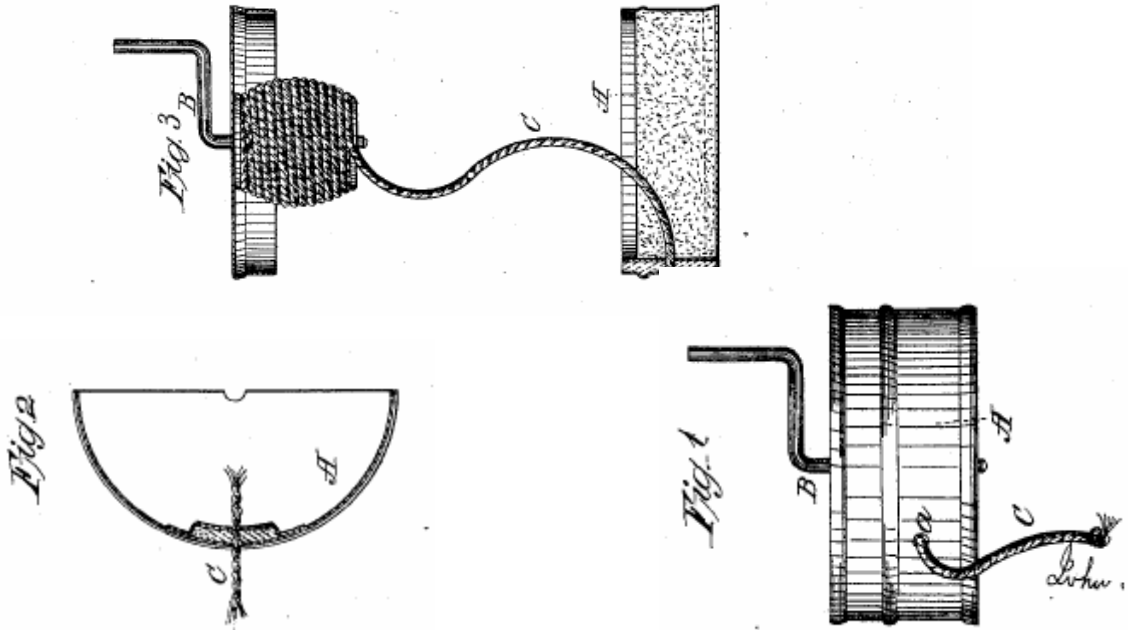
In combination with the chalk-receptacle, I claim the use or employment of the spindle and cord, when the same shall be constructed and combined substantially as shown for the purpose indicated.

JOHN W. CARTER.

Witnesses:

A. SIDNEY DOANE,
AGNES C. DOANE.

J. W. Carter,
Chalk-Line Holder,
Nº65,057, Patented May 28, 1867.



In the pictures you see my chalk line with impressed patent information. Often the normal chalk lines are used as an external winder with a common plumb bob.



PATENT NEWS especially for PLUMB BOB COLLECTORS

The other patented chalk lines in the U.S.A. are mostly well known.

• SEYMOUR

WARNER ACCURACY

DANDEE REEL



Another patented:
US1567976 MYERS 1925 with a better guide of the line inside

