

(No Model.)

E. GRUEBEL.  
FINGER RING GAGE.

No. 524,589.

Patented Aug. 14, 1894.

Fig 1.

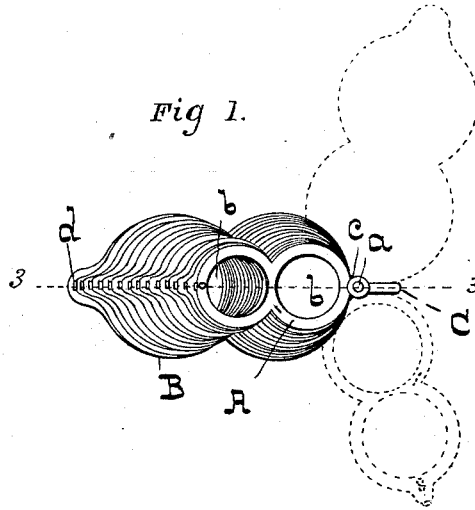


Fig 2.

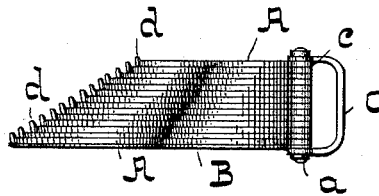
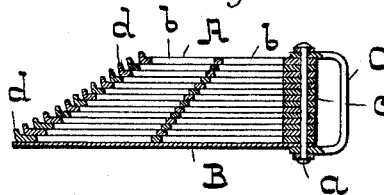


Fig 3.



-WITNESSES-

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# UNITED STATES PATENT OFFICE.

EMIL GRUEBEL, OF BALTIMORE, MARYLAND.

## FINGER-RING GAGE.

SPECIFICATION forming part of Letters Patent No. 524,589, dated August 14, 1894.

Application filed March 13, 1894. Serial No. 503,422. (No model.)

*To all whom it may concern:*

Be it known that I, EMIL GRUEBEL, of the city of Baltimore and State of Maryland, have invented certain Improvements in Finger-Ring Gages, of which the following is a specification.

This invention relates to a simple, compact and inexpensive pocket finger ring gage formed of a series of plates having gage holes therein, which plates are hinged to a pin at one end and to an imperforate plate or tablet formed of some substance adapted to receive pencil marks, and a loop whereby the device may be suspended from a key ring. I preferably have only two gage holes in each plate, the said holes differing in diameter and representing a standard size and a half size. Each plate has a projecting tip whereby it may be turned out from the others when it is to be used, as will hereinafter fully appear.

In the further description of the said invention which follows, reference is made to the accompanying drawings forming a part hereof and in which—

Figure 1 is a top view of the improved finger ring gage closed. Fig. 2 is an exterior side view of Fig. 1. Fig. 3 is a section of Fig. 1 taken on the dotted line 3—3.

Referring to the drawings A A are the plates hinged together, and to a tablet B at *a* which also represents the pivotal pin. Each plate A has two gage holes *b*, and the material around the holes which are nearly united, is concentric with them except that at one end there is an eye *c* through which the pin *a* passes. At the other end of the plate is a tip

*d* which projects upward and is employed in turning out the plate when it is to be used or tried on the finger. In the present case there are fourteen plates which represent the fourteen standard sizes and the half sizes. The full sized holes are at the outer end of the plates, and the half sizes at the inner or hinged end. The holes on the upper plate, which is the smallest one are marked "O" and "1/2," which latter mark represents the half size. The next plate is marked "1" and "1/2" and so on, the lowest and larger plate being denoted by "13" and "1/2."

C is the suspensory loop.

The tablet B is preferably made of celluloid, but any other suitable substance may be employed provided it is adapted to receive a mark from a lead pencil.

In using the device, the plates are tried until one which has a gage hole the size of the finger is found, when the size is marked on the tablet to be subsequently used in selecting the size on the commonly used gage stick.

In Fig. 1 plate 8 and the tablet are shown as extended in dotted lines.

I claim as my invention—

In a finger ring gage, a series of plates each one of which has two gage holes of different sizes and a tip at the outer end for the purpose described, combined with a straight pivotal pin and a suspensory loop also pivoted to the said pin, substantially as specified.

EMIL GRUEBEL.

Witnesses:

DANL. FISHER,  
WM. T. HOWARD.