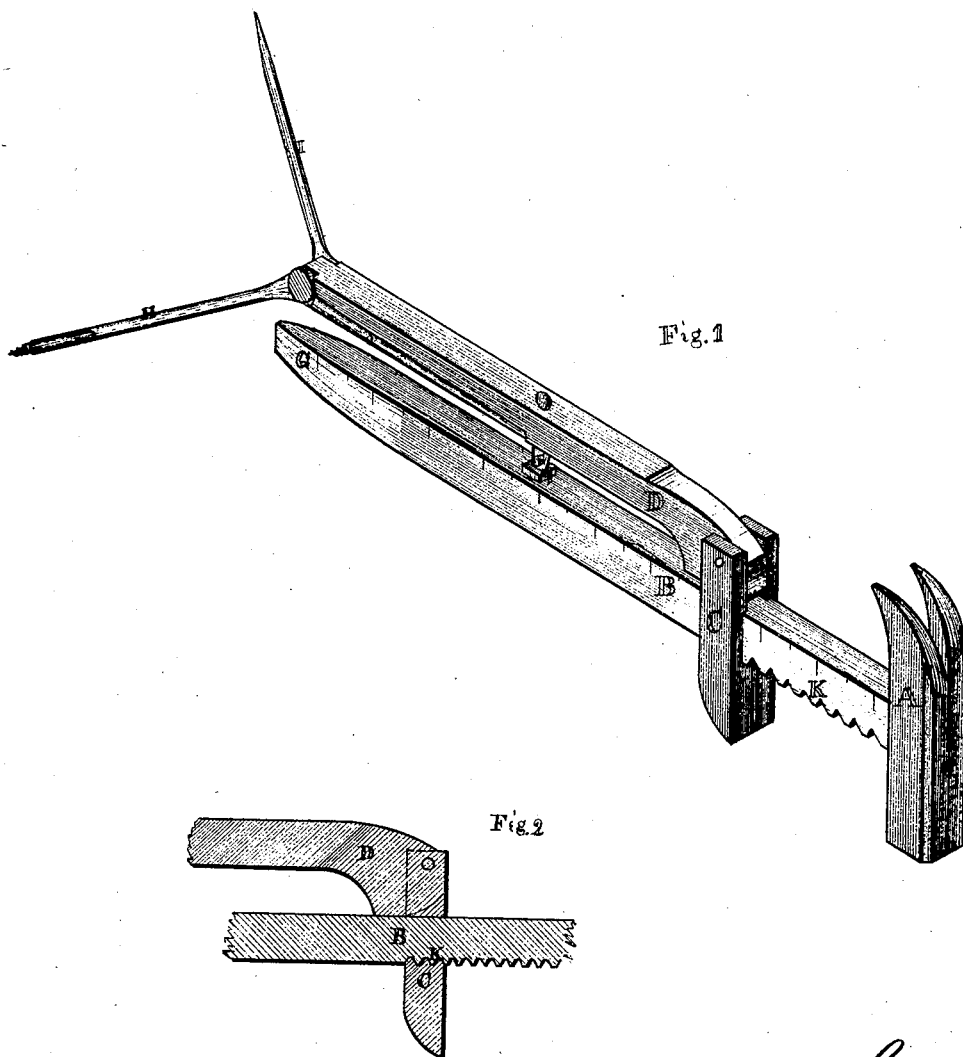


*J. B. Lamkin,*

*Combined Tool.*

*No. 111,754.*

*Patented Feb. 14, 1871.*



*R. E. Moore  
J. B. Mathews,*

*J. B. Lamkin*

# United States Patent Office.

JOSIAH B. LAMKIN, OF CHAMPAIGN, ILLINOIS.

Letters Patent No. 111,754, dated February 14, 1871.

## IMPROVEMENT IN COMBINATION TOOLS.

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

I, JOSIAH B. LAMKIN, of Champaign city, in the county of Champaign and State of Illinois, have invented a certain Combination of Tools, of which the following is a specification.

### *Object of the Invention.*

The object of the invention is to combine in one instrument, for convenience, several tools, namely, a hammer, wrench, screw-driver, rule, leather-punch, gimlet, scratch-awl, and compasses.

### *General Description.*

A is the head of the hammer, and also answers for one jaw of the wrench.

B is the handle of the hammer and the handle of the wrench; is also a graduated rule, and the end G is made of such a shape as to form a screw-driver.

C is the other jaw of the wrench, which contains notches corresponding to and fitting into notches K on handle B, as shown in fig. 2, and is so constructed that, by raising the lever D to a position perpendicular to the handle B, it can be moved to and fro, bringing lever D down parallel to handle B. The notches

in jaw C fit tightly into notches K, and hold jaw C firmly.

E is a leather-punch placed in lever D in such a manner that, by placing jaw C in the last notch on handle B, it strikes upon punch-block *f*.

Again, by raising lever D to a position perpendicular to the handle B, jaw C can be slipped off from B. Thus detached, A and B can be used as a hammer, a rule, or a screw-driver.

H and I are a scratch-awl and gimlet, respectively, of which D is the handle, each of which, when not in use, can be turned in and fit into rabbets *c* in lever D, thus being out of the way. The two combined form a pair of compasses.

What I claim as my invention, and desire to secure by Letters Patent, is—

An implement constructed as herein shown and described.

J. B. LAMKIN.

Witnesses:

R. E. MOORE,

J. B. WATKINS.