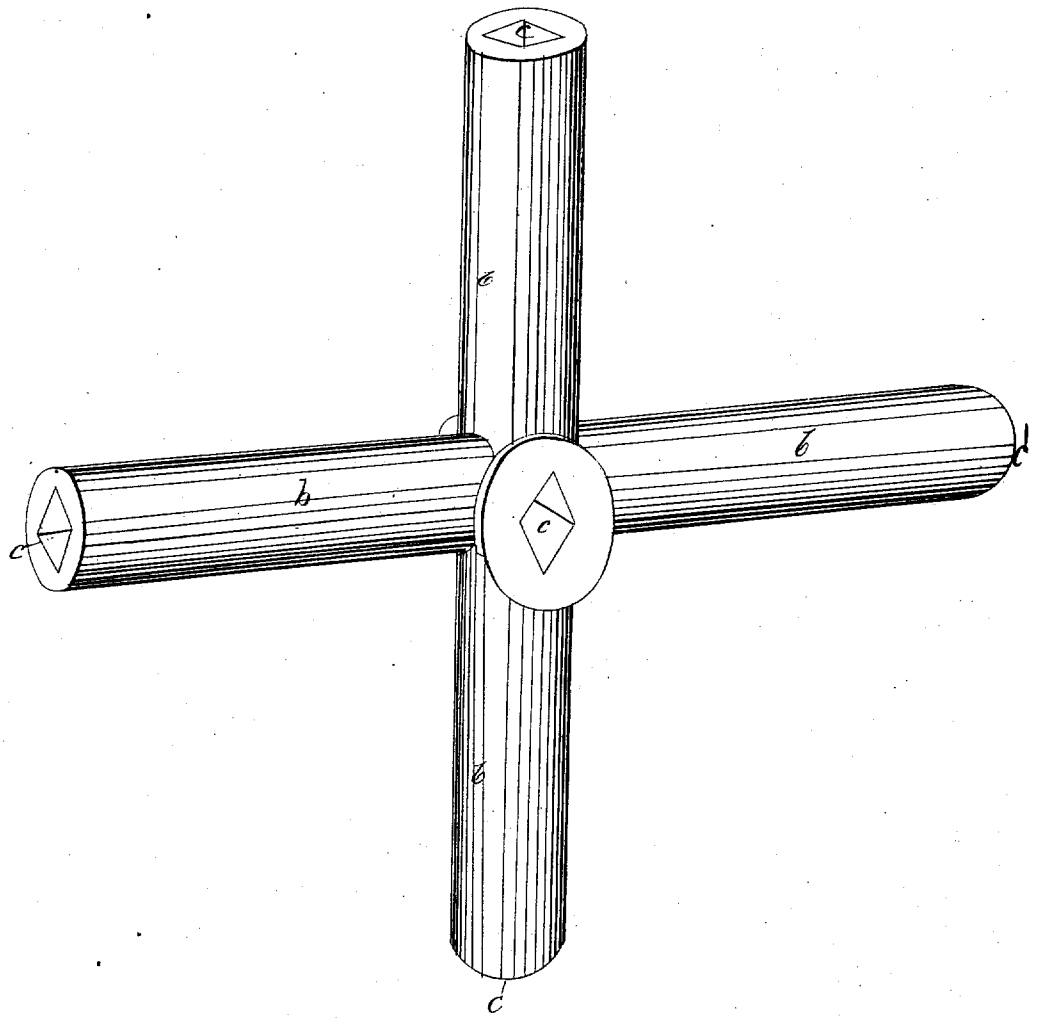
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Blake & Cushing,

Wrench.

Patented Dec. 14, 1830.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

William Blake and Daniel Cushing

Letters Patent.

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Isaiah Blake and Daniel Cushing themselves of their improvement in the "Bird Key"

The improved Bird Key is a substitute for the common Bird Key and is made of the following or similarly appropriate substances form and dimensions viz. The material or substance of which the improved Bird Key is made is cast iron. but Brass Copper or the like may be substituted. The form is somewhat changed in different Keys according to the number of sizes of Bird screws. which the Keys respectively are calculated to fit. But a fully made Key consists of a circular and plain arm or shaft extending from the centre at right angles and in the same line with each other. The centre is flat and each arm or shaft is round and has a square opening in the vicinity of it being a socket for the reception of the head of the screw. The general dimensions of the improved Bird Key will admit of much variation. A convenient size however may be as follows viz The centre being one and a half inch in diameter and one inch thick. each arm being four inches long and one inch in diameter. The openings or sockets half an inch square and some of them more and some of them less. each opening or socket differing in size from any of the rest on the same Key. The number of arms is not confined to four. but may be one, two, three, four or more at pleasure a square hole is made through the centre from side to side of a different size from any of the arms. and this adds to the number of sockets. or the centre may be oblong instead of circular. having several square holes through it. to accommodate screws of different sizes. — This little implement is to be cast after the manner usual in the case of casting iron tools. And to use it. in the act of using it is the same as that of using the common

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2nd Reg. The superiority of this improvement over the Common Bed Key consists in its fitting screws of a greater number of legs and of its being made of such materials and in such a manner as to last less than the Key now in use

Witness
John A Madeworth
T. B. Sisson

James Blake
Daniel Cushing

(455 Words