each of the first named levers and crossing the axis of one of them, a floating lever carrier pivotally supported on the body of the instrument and pivotally mounting the floating lever at a point between the points of engagement between the floating lever and the first named levers, such point being also between the pivot of the lever which is crossed by the floating levers, as above set forth, and the engagement of said lever with the floating lever, and a spring secured to the floating lever near the last named point of engagement and reacting on the first named lever at a point at the opposite side of the pivot thereof from the engagement point between said lever and the floating lever.

20. A key mechanism for wood wind instruments comprising a lever pivotally supported from the instrument body, a floating lever engaged with one arm of said lever and extending to the opposite side of the pivot thereof from such point of engagement, a spring extending across the pivot of the first named lever and pressing thereon at one side of such pivot, being rigidly connected to the floating lever at the opposite side of said pivot, a second lever pivotally supported from the instrument body and having one arm in engagement with the floating lever at the opposite side of the pivot of the first named lever from the point of engagement between the floating lever and said first lever; the before named spring being applied and acting with tendency to raise the entire floating lever and thereby those arms of the first and second levers with which the floating lever is engaged, and a carrier pivotally supported from the body and pivotally connected with the floating lever at a point between the pivot of the said first lever and the point of engagement between said first lever and the floating lever.

21. In a musical instrument of the wood wind type having a tubular body, two levers pivoted from said body, a floating lever engaged with both the previously named levers, a carrier pivotally supported from the body and to which said floating lever is pivoted, and curved bars connected, respectively, to said carrier and to one of said first named levers, each bar partly circling the body and forming substantially a semi-ring in approximately the same plane with the other.

In testimony whereof I have affixed my signature.

ALLEN LOOMIS.