

5

6

I claim:

1. A musical instrument of the wood-wind type comprising a tubular body and a bell spaced therefrom, a plurality of vertically spaced apart tone-holes positioned in one side of said bell, 5 tampions for controlling said tone-holes, actuating keys mounted on the side of said tubular body opposite to the side thereof corresponding to the side of the bell upon which said tone-holes are located, a plurality of longitudinally extending 10 rods serving to translate motion from said keys to said tampions, said rods being supported in spaced relation on said tubular body between said tubular body and said bell in a plane parallel to a plane through the axes of said body and bell. 15

2. A musical instrument of the wood-wind type comprising a tubular body and a bell spaced therefrom, a plurality of vertically aligned tone-holes positioned in one side of said bell, tampions for controlling said tone-holes, actuating keys 20 mounted on the side of said tubular body opposite to the side thereof corresponding to the side of the bell upon which said tone-holes are located, a plurality of oscillating rods serving to translate motion from said keys to said tampions, said rods being arranged one above the other 25 in a plane through the longitudinal axes of said body and bell and supported upon said tubular body between said tubular body and said bell, and means adjacent the keys for effecting reversal of the oscillating movement of one of said rods with respect to the other. 30

3. A saxophone comprising a tubular body and a bell laterally spaced therefrom, B $\flat$  and C $\sharp$  tone-holes positioned in spaced relation in one side of said bell, tampions for controlling said tone-holes, means for normally maintaining the tam- 35 pion for the B $\flat$  tone-hole open and the tam- pion for the C $\sharp$  tone-hole closed, keys for actuating said tampions mounted on the side of said tubular body opposite to the side thereof corresponding to the side of the bell upon which said tone-holes are located, a rod mounted on the tubular 40 body serving to translate direct motion from one of said keys to the B $\flat$  tam- pion, a second rod positioned between said first rod and the tubular body for releasing the means for holding the tam- pion closing the C $\sharp$  tone-hole, said rods being 45 positioned between said tubular body and said bell in a plane parallel to a plane through the axes of the tubular body and bell and means

adjacent the said keys for effecting a reverse movement of the second rod with respect to the first rod.

4. A saxophone comprising a tubular body and a bell laterally spaced therefrom, B $\flat$ , B natural and C $\sharp$  tone-holes positioned in spaced relation in one side of said bell, tampions for controlling said tone-holes, means for normally maintaining the tampions for the B $\flat$  and B natural tone-holes open and the tam- pion for the C $\sharp$  tone-hole closed, keys for actuating said tampions mounted on the side of said tubular body opposite to the side thereof corresponding to the side of the bell upon which said tone-holes are located, a rod 15 mounted on the tubular body serving to translate direct motion from one of the B $\flat$  keys to the B $\flat$  tam- pion, a second rod having end portions in alignment with said first rod, said end portions being connected to the B natural key and tam- pion, respectively, for controlling the B natu- 20 ral tone-hole, and a third rod positioned between said first rod and the tubular body for releas- ing the spring pressure means holding the tam- pion closing the C $\sharp$  tone-hole, and means adja- 25 cent the said keys for effecting a reverse move- ment of the third rod with respect to the first two rods, said rods being positioned between said tubular body and said bell in a plane parallel to a plane through the axes of the tubular body and bell. 30

References Cited in the file of this patent  
UNITED STATES PATENTS

Number	Name	Date
1,632,008	Lemm	June 14, 1927
1,828,389	Calvani	Oct. 20, 1931
1,828,390	Calvani	Oct. 20, 1931
2,033,774	Loomis	Mar. 10, 1936
2,055,382	Loomis	Sept. 22, 1936
2,073,425	Leblanc	Mar. 9, 1937
2,090,011	Selmer	Aug. 17, 1937
2,151,337	Selmer	Mar. 21, 1939
2,180,118	Loney	Nov. 14, 1939
2,203,593	Comer	June 4, 1940
2,232,151	Trew	Feb. 18, 1941
2,555,980	Loney	June 5, 1951
2,560,083	Bullock	July 10, 1951

FOREIGN PATENTS

Number	Country	Date
614,673	France	Nov. 21, 1927