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Holt et al.

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(54) **DOUBLE-TIPPED CLARINET OR SAXOPHONE (MUSICAL INSTRUMENT) REED**

(US PATENT DOCS. CONT.)

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ABSTRACT

(*) Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U. S. C. 154(b) by 0 days.

The “reed” is the element that sets the air column of a reeded musical instrument (such as the clarinet or saxophone) vibrating. Traditionally, one of the challenges facing clarinetists and saxophonists is the short lifespan of the reed, and the difficulty (due to the organic *Arundo donax* cane material from which reeds are most often made) of obtaining reeds of a suitable stiffness. Virtually all clarinet and saxophone reeds patented to date feature a blunt “butt” end and a tapered “tip” end. The “tip” end is the most crucial in terms of the reed’s vibrating function.

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(51) **Int. Cl.**⁷ **G10D 4/12**

(52) **U.S. Cl.** **84/383 A; 84/383 R**

(58) **Field of Search**
84/383 R, 383 A, 84/380 R, 453

The present reed features dual tipped ends, with no butt end. The benefits of this include a virtually doubled lifespan, and a more versatile reed (due to variations in cut and cane density at each end causing variations in vibrating characteristics).

(56) **References Cited**

U.S. PATENT DOCUMENTS

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Manufacture of this double-tipped reed is accomplished with specialized adaptations to existing machinery (cf. US 6,402,932 AFBP32, US 6,402,934 AFBP32, US 6,403,032 AFBP32), and requires specialized containers for storage and shipping (cf. US 6,403,105 AFBP32, US 6,403,109 AFBP32).

19 Claims, 3 Drawing Sheets

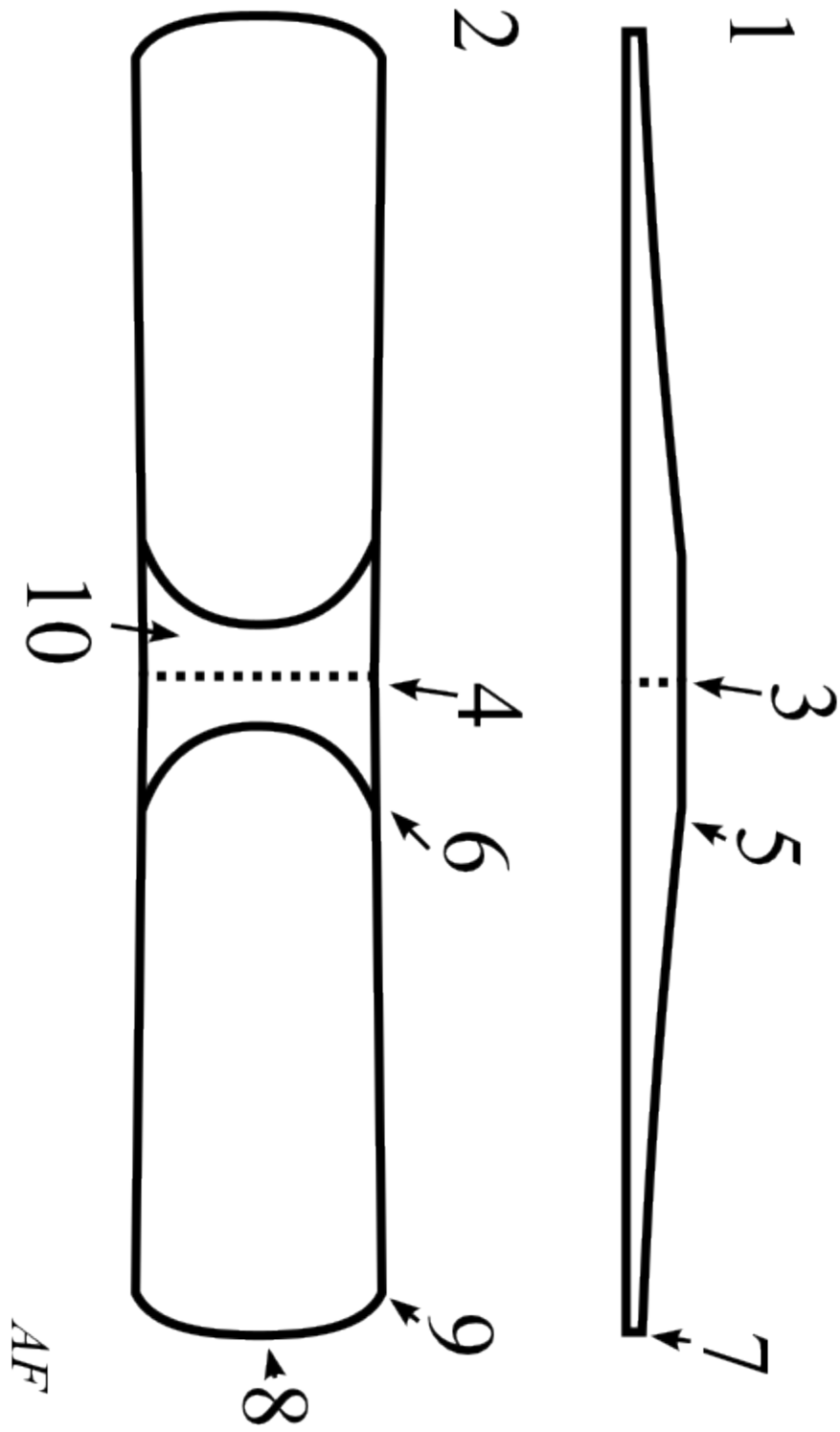


FIG. 1