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MUSICAL INSTRUMENT

Title (de)
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INSTRUMENT DE MUSIQUE

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Abstract (en)
[origin: WO2008019089A2] A musical device is disclosed that generates note tones, influences the sound of notes that are generated independently and performs a variety of user defined or user controlled activities. These activities include but are not limited to producing musical notes, determining, influencing or changing the sound, quality, voice, volume or other characteristics of a note, activating and coordinating the replay of stored loops, recording, editing and playing user created pieces previously produced and controlling peripheral devices such as lighting. The musical device uses a combination of strings and frets to locate notes on a fingerboard that a user may activate. The notes correspond to locations on the fingerboard. As a result, the invention includes a system to generate a sound corresponding to a note selected and activated according to preselected parameters such as the voice (e.g., trumpet, violin). A user's intent to play a particular note is preferably confirmed by a system of sensors corresponding to each note position that confirms a user's intent to play a particular note. The musical device also includes one or more switches that activate functions, loops or voices corresponding to note positions on the fingerboard.

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