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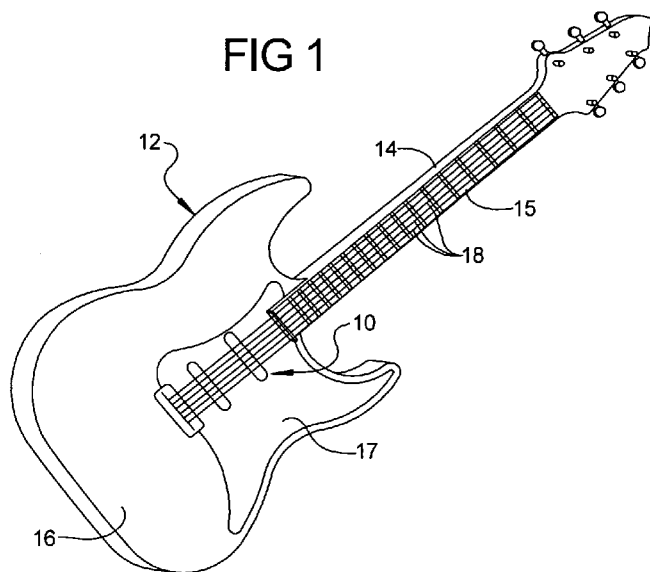
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(54) Title: SENSOR ASSEMBLY FOR STRINGED MUSICAL INSTRUMENTS



(57) Abstract: A sensor assembly for a stringed musical instrument having a plurality of movable strings includes a primary winding extending outward to form a mounting member and adapted to be disposed on the stringed musical instrument. The sensor assembly includes at least one magnet disposed adjacent the primary winding to generate a magnetic field. The primary winding creates a primary current from a disruption in the magnetic field by the movable strings and the primary current creates a primary electromagnetic flux. The sensor assembly further includes at least one secondary being coupled to the primary winding. The at least one secondary winding transforms the primary electromagnetic flux into a secondary current adapted to pass out the stringed musical instrument.

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INTERNATIONAL SEARCH REPORT

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G10H 3/18 (2009.01) USPC - 84/726 According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) IPC(8) -G10H 3/18 (2009.01) USPC - 84/726-728</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPTO EAST System (US, USPG-PUB, EPO, DERWENT)</p>														
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X ----- Y</td> <td>US 6,897,369 B1 (LACE) 24 May 2005 (24.05.2005) entire document</td> <td>1-2, 6-12, 14-15 ----- 3-5, 13</td> </tr> <tr> <td>Y</td> <td>US 7,015,390 B1 (ROGERS) 21 March 2006 (21.03.2006) entire document</td> <td>3-5</td> </tr> <tr> <td>Y</td> <td>US 2004/0003709 A1 (KINMAN) 08 January 2004 (08.01.2004) entire document</td> <td>13</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X ----- Y	US 6,897,369 B1 (LACE) 24 May 2005 (24.05.2005) entire document	1-2, 6-12, 14-15 ----- 3-5, 13	Y	US 7,015,390 B1 (ROGERS) 21 March 2006 (21.03.2006) entire document	3-5	Y	US 2004/0003709 A1 (KINMAN) 08 January 2004 (08.01.2004) entire document	13
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<p>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer: Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>												