

### EXAMINER'S AMENDMENT

SR  
11/12/09

The application has been amended as follows: in the specification, page 1, between the second line of the heading and line 1 of the text, insert: - - BACKGROUND OF THE INVENTION - -; at page 3, between line <sup>18</sup>18 and line <sup>19</sup>20, insert: - - SUMMARY OF THE INVENTION - -; at page 5, between line 26 and line 27, insert: - - BRIEF DESCRIPTION OF THE DRAWINGS - -; at page 6, between line 14 and line 15, insert: - - DETAILED DESCRIPTION OF THE INVENTION - -.

### *Allowable Subject Matter*

Claims 10-36 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art fails to show or fairly suggest a mechanical oscillator comprising: at least two deformable linking beams connected to a stationary substrate at a plurality of anchoring points which are distributed along the deformable linking beams, the deformable linking beams facing each other; and **a plurality of vibrating cells each connected to and disposed between said at least two deformable linking beams, said plurality of vibrating cells being distributed along the deformable linking beams and a length between two of the plurality of anchoring points being greater or equal to a length of a number of cells greater or equal to 1, wherein each of the plurality of vibrating cells includes a deformable beam having a closed contour, said deformable beam being connected to said at least two deformable linking beams at a first pair of parts which are opposite to each other in the deformable beam.**