CLAIMS

1. A fluidic oscillator comprising at least one inlet port in communication with at least two outlets via a nozzle region having no control terminals and two outlet conduits having outlet nozzles, the two outlet conduits being separated from each other by a splitter region comprising a cusp region configured to create a recirculation vortex and each outlet conduit comprising an acoustic resonance chamber in fluid communication with each outlet conduit, and each acoustic resonance chamber configured to induce control via acoustic oscillation.

2. The fluidic oscillator of claim 1, wherein the resonating chambers are orientated in the same dimensional plane as the other components of the oscillator.

3. The fluidic oscillator of claim 1, wherein the resonating chambers are orientated in a third dimensional plane generally perpendicular to the plane of the other components of the oscillator.

4. The fluidic oscillator of claim 1, wherein the resonating chambers are of a circular cross-section.

5. The fluidic oscillator of claim 1, wherein the resonating chambers are tubular with parallel walls.

6. The fluidic oscillator of claim 1, wherein the resonating chambers are tubular with walls that are not parallel.

7. The fluidic oscillator of claim 1, wherein the resonating chambers are tubular with a tortuous internal path or chamber.

8. The fluidic oscillator of claim 1, wherein the resonating chambers comprises two or more sub-chambers with a common fluid outlet in communication with the outlet conduit.

9. The fluidic oscillator of claim 1, comprising two or more resonating chambers in fluid communication with each conduit.

10. The fluidic oscillator of claim 1, wherein the two or more resonating chambers are of different dimensions.

11. The fluidic oscillator of claim 1, wherein the resonance chambers have an internal diameter that is greater than the internal diameters of the outlet nozzles of the oscillator.

12. A method of fluidic oscillation, which method comprises introducing at least one fluid at a controlled flow rate into a fluidic oscillator as claimed in any one of claims 1 to 11.

13. A method as claimed in claim 12, wherein the fluid is one or more gases.

14. A method as claimed in claim 12, wherein the fluid is one or more liquids.