

What is claimed is:

1. (Previously presented) A filter comprising:

a sheet of filter material;

a first conductive bead applied to said sheet of filter material and providing support for said filter material; and

a second conductive bead substantially parallel to said first conductive bead applied to said sheet of filter material and providing support for said filter material.

2. (Previously presented) A filter in accordance with claim 1, wherein said sheet of filter material is a pleated sheet of filter material.

3. (New) A filter in accordance with claim 1, wherein said sheet of filter material is an electret material with inherent properties that have an electrostatic charge.

4. (New) A filter in accordance with claim 1, wherein said sheet of filter material is an electret material composed of fibers from different portions of the triboelectric scale.

5. (New) A filter in accordance with claim 1, wherein said first and second conductive beads are applied to opposite sides of said sheet of filter material.

6. (New) A filter in accordance with claim 1, wherein said first and second conductive beads are applied to the same side of said sheet of filter material.

7. (New) A filter in accordance with claim 5, further including a high voltage power supply providing a potential voltage between a first terminal and a second terminal, wherein said first terminal is coupled to said first conductive bead and said second terminal is coupled to said second conductive bead.

8. (New) A filter in accordance with claim 6, further including a high voltage power supply providing a potential voltage between a first terminal and a second terminal, wherein said first terminal is coupled to said first conductive bead and said second terminal is coupled to said second conductive bead.

9. (New) A filter in accordance with claim 1, wherein one of said first conductive bead and said second conductive beads is substantially composed of one of the group of glue, thread, ribbon, tape, strips, glass, foam or plastic.

10. (New) A filter in accordance with claim 1, wherein one of said first conductive bead and said second conductive beads is substantially composed of a conductive material that adheres to the surface of said sheet of filter material upon which it rests and provides some mechanical support for said sheet of filter material.

11. (New) A filter comprising:

a pleated sheet of filter material having a top side and a bottom side;

a first conductive bead applied to said top side of said pleated sheet of filter material and providing support for said pleated sheet of filter material; and

a second conductive bead substantially parallel to said first conductive bead applied to said bottom side of said pleated sheet of filter material and providing support for said pleated sheet of filter material;

a third conductive bead applied to said top side of said pleated sheet of filter material and providing support for said pleated sheet of filter material; and

a fourth conductive bead substantially parallel to said first conductive bead applied to said bottom side of said pleated sheet of filter material and providing support for said pleated sheet of filter material;

12. (New) A filter in accordance with claim 11, wherein said pleated sheet of filter material is an electret material with inherent properties that have an electrostatic charge.

13. (New) A filter in accordance with claim 11, wherein said pleated sheet of filter material is an electret material composed of fibers from different portions of the triboelectric scale.

14. (New) a filter in accordance with claim 11, further including a high voltage power supply providing a potential voltage between a first terminal and a second terminal, wherein said first terminal is coupled to said first and second conductive beads and said second terminal is coupled to said third and fourth conductive beads.

15. (New) a filter in accordance with claim 11, further including a high voltage power supply providing a potential voltage between a first terminal and a second terminal, wherein said first terminal is coupled to said second conductive bead and said second terminal is coupled to said third conductive bead.

16. (New) a filter in accordance with claim 11, further including a high voltage power supply providing a potential voltage between a first terminal and a second terminal, wherein said first terminal is coupled to said first conductive bead and said second terminal is coupled to said third conductive bead.

17. (New) A filter in accordance with claim 11, wherein one of said first, second, third and fourth conductive beads is substantially composed of one of the group of glue, thread, ribbon, tape, strips, glass, foam or plastic.

18. (New) A filter in accordance with claim 11, wherein one of said first, second, third and fourth conductive beads is substantially composed of a conductive material that

adheres to the surface of said pleated sheet of filter material upon which it rests and provides some mechanical support for said pleated sheet of filter material.

Respectfully submitted,  
By

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