WHAT IS CLAIMED IS:

1. A medical implant comprising:

a central flow portion having a first network of struts forming two or more cells;

a first set of anchoring arms; and

a second set of anchoring arms;

wherein the two or more cells are arranged linearly and extend from the first set of anchoring arms to the second set of anchoring arms.

2. The medical implant of claim 1, wherein each strut of the first network of struts is configured to bend in response to crimping pressure such that the two or more cells increase in length and decrease in width.

3. The medical implant of claim 2, wherein each strut of the first network of struts is configured to return to an original configuration in response to removal of the crimping pressure.

4. The medical implant of claim 2 or claim 3, wherein a diameter of the central flow portion is configured to reduce in response to the crimping pressure.

5. The medical implant of any of claims 1 – 4, wherein the first set of anchoring arms has a second network of struts forming cells.

6. The medical implant of any of claims 1 – 5, wherein the first set of anchoring arms includes a first anchoring arm and a second anchoring arm configured to anchor to a tissue wall using a pincer grasp.

7. The medical implant of claim 6, wherein the first anchoring arm and the second anchoring arm have an at least partially bent form.

8. The medical implant of claim 7, wherein the first anchoring arm and the second anchoring arm are configured to be at least partially straightened during delivery into a patient's body.

9. The medical implant of any of claims 1 – 8, wherein the central flow portion is further configured to prevent in-growth of tissue through the central flow portion.

10. The medical implant of any of claims 1 – 9, wherein the central flow portion is configured to expand in response to expansion of a tissue wall.

11. The medical implant of any of claims 1 – 10, wherein the central flow portion is configured to fit at least partially within an opening in a tissue wall, wherein: the tissue wall is situated between a first anatomical chamber and a second anatomical chamber and the opening represents a blood flow path between the first anatomical chamber to the second anatomical chamber, and to maintain the blood flow path from the first anatomical chamber to the second anatomical chamber.

12. A medical implant comprising:

a continuous network of struts forming:

a cylindrical central flow portion allowing blood flow through an interior lumen of the central flow portion;

a first set of anchoring arms extending from the central flow portion; and

a second set of anchoring arms extending from the central flow portion;

wherein the central flow portion comprises a first set of two or more cells extending linearly between a first side of the first set of anchoring arms and a first side of the second set of anchoring arms.

13. The medical implant of claim 12, wherein the central flow portion further comprises a second set of two or more cells extending linearly between a second side of the first set of anchoring arms and a second side of the second set of anchoring arms.

14. The medical implant of claim 13, wherein the first set of anchoring arms and the second set of anchoring arms are connected to each other only via the first set of two or more cells and the second set of two or more cells.

15. The medical implant of any of claims 12 – 14, wherein the first set of anchoring arms comprises a first anchoring arm and a second anchoring arm configured to bend at least partially to establish a pincer grasp at a tissue wall.