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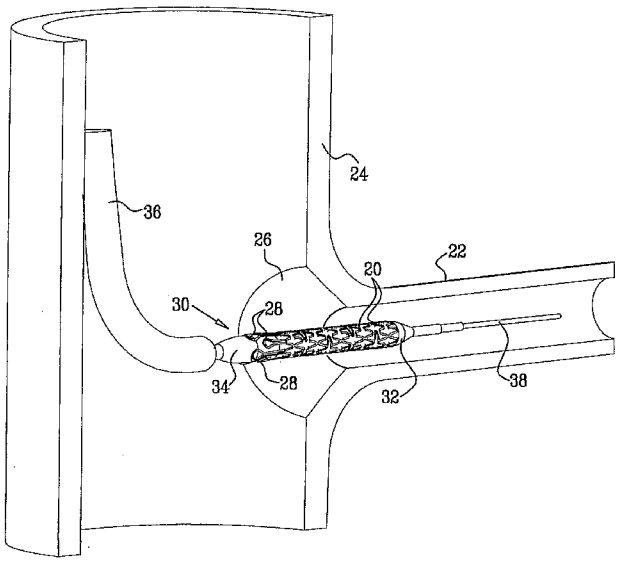
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(54) Title: DEVICES AND METHODS FOR TREATMENT OF VASCULAR BIFURCATIONS



(57) Abstract: A method for treatment of a vascular bifurcation, where a second blood vessel (22) branches from a first blood vessel (24), the first and second blood vessels having characteristic first and second diameters such that the first diameter is greater than the second diameter. The method includes introducing a balloon (30) in the first blood vessel into proximity to the vascular bifurcation. The balloon includes an inner part (32) and a collar (34) proximal to the inner part. The collar is inflated so that the collar expands to an expanded diameter greater than the second diameter but less than an outer diameter of an ostial funnel (26) of the second blood vessel. The balloon is advanced into the second blood vessel so that the inflated collar lodges within the ostial funnel. While the inflated collar is lodged within the ostial funnel, the inner part of the balloon is inflated so as to treat the second blood vessel.

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