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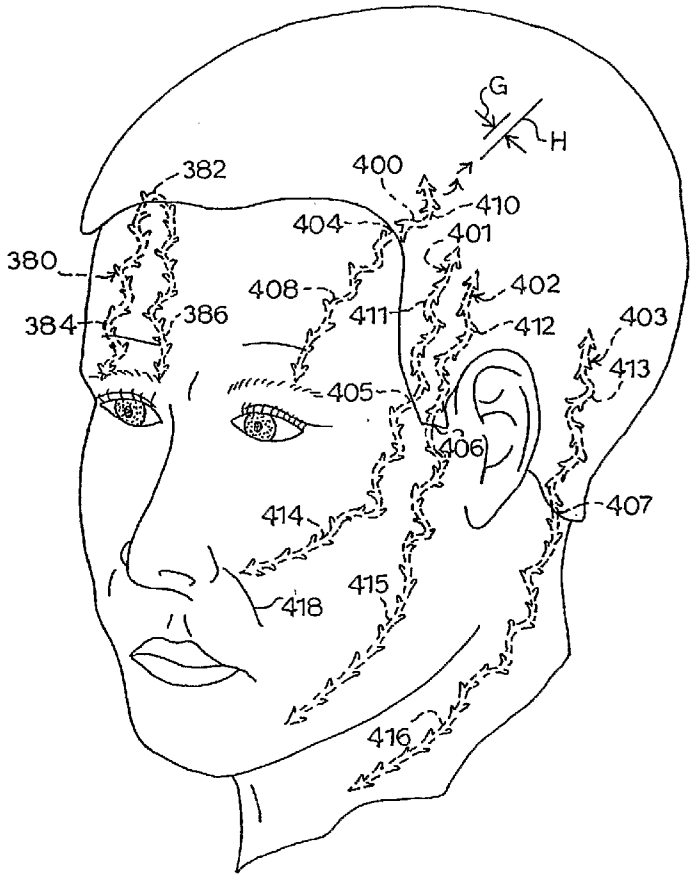
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(54) Title: SUTURE METHODS AND DEVICES



(57) Abstract: A barbed suture including a body with barbs on the periphery, a pointed end, and an anchor at one end to resist movement of the suture in the direction of the pointed end is provided. One or more limbs on the anchor may be provided, which may be arcuate, of varying lengths, and varying distribution about the periphery of the suture body. Other anchor designs are provided. Methods of placing single-directional and bi-directional barbed sutures to approximate the tissue on each side of a wound and to position and support tissue in the absence of a wound, as in cosmetic surgery, are provided, and may include terminal J-stitches or S-stitches. Methods of placement may be made with sharp, pointed ends, which may be needles, or insertion devices. Sinusoidal patterns of sutures that have amplitudes generally perpendicular to the resultant holding force of the suture are provided.

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