CLAIMS

1. A device for treating a soft palate in a patient to treat sleep apnea, snoring or both, the device comprising:

a handle;

a shaft having a distal end with a neck;

an elongate treatment element extending from the neck of the shaft such that the treatment element is angled relative to a longitudinal axis of the shaft, the treatment element comprising:

a treatment surface; and

multiple pairs of bipolar electrodes arrayed along the treatment surface in two parallel rows; and

a connector for connecting the handle with a power source.

2. A device as in claim 1, wherein each of the bipolar electrodes is shaped as a triangle protruding from the treatment surface.

3. A device as in claim 1, wherein the treatment surface has a convex shape for creating a concave deformity in the soft palate.

4. A device as in claim 1, further comprising multiple shafts and multiple treatment elements, wherein each of the treatment elements is located on one of the multiple shafts.

5. A device as in claim 1, wherein the bipolar electrodes are moveable along the treatment surface.