

CLAIMS

What is claimed is:

1. A ceramic heater, comprising:
a ceramic base body; and
a heat generating resistor comprising a heat generation section composed of a bend portion and two rectilinear portions extending from opposite ends of the bend portion, respectively, the heat generating resistor being embedded within the ceramic base body, wherein
the two rectilinear portions comprise inner sides opposed to each other in a transverse section, and
the inner sides comprise recesses in at least a midportion.
2. The ceramic heater according to claim 1,
wherein, in the two rectilinear portions, the inner sides comprise curvilinear recesses in at least the midportion.
3. The ceramic heater according to claim 1 or 2,
wherein outer sides of the two rectilinear portions are curved in the transverse section thereof.
4. The ceramic heater according to claim 3,
wherein each of the two rectilinear portions has a crescentic shape in the transverse section thereof.
5. The ceramic heater according to claim 1,
wherein a contour of the transverse section of the ceramic base body at a location where the two rectilinear portions are arranged bears no geometric similarity to a shape of a region lying between wall surfaces of the recesses.

6. The ceramic heater according to claim 1,
wherein the bend portion is identical in a transverse sectional configuration with the rectilinear portion.

7. The ceramic heater according to claim 1,
wherein, in the heat generating resistor, a resistance of the heat generation section is higher than that of other sections.