

**Applicant:** Ken Yamamoto  
**Application No.:** Not Yet Known

## IN THE CLAIMS

### Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1. (Original) 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. (Original) The ceramic heater according to claim 1,

wherein, in the two rectilinear portions, the inner sides comprise curvilinear recesses in at least the midportion.

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3. (Currently amended) 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. (Original) The ceramic heater according to claim 3,  
wherein each of the two rectilinear portions has a crescentic shape in  
the transverse section thereof.

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

7. (Original) 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.

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8. (New)      The ceramic heater according to claim 2,  
                 wherein outer sides of the two rectilinear portions are curved in the  
transverse section thereof.