

United States Patent [19]

Cyrway, Jr. et al.

[11] **3,812,276**

[45] **May 21, 1974**

[54] **RESISTANCE HEATING ELEMENT FOR
VACUUM FURNACES**

3,737,553 6/1973 Kreider 13/25

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[57]

ABSTRACT

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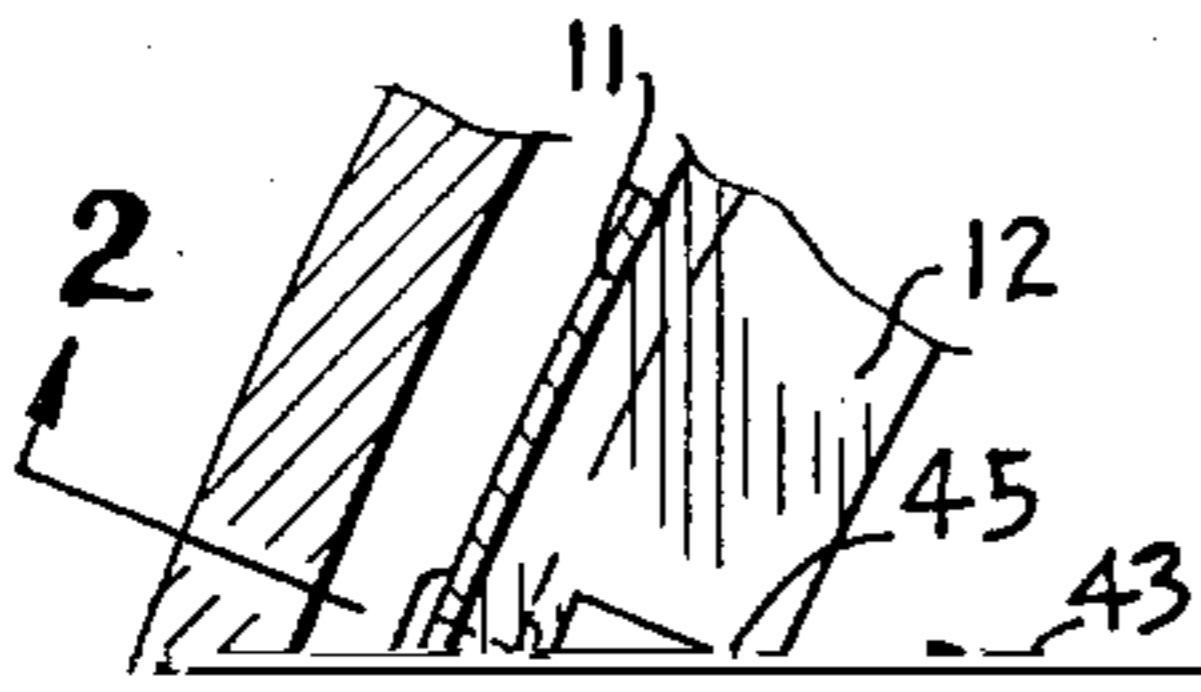
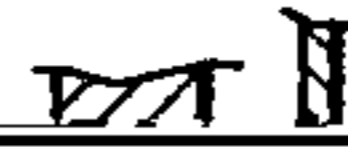


Fig. 2.



RESISTANCE HEATING ELEMENT FOR VACUUM FURNACES

BACKGROUND OF THE INVENTION

1. Field of the Invention

Other objects and advantageous features of the invention will be apparent from the description and claims.

BRIEF DESCRIPTION OF THE DRAWINGS

5 The nature and characteristic features of the invention will be more readily understood from the following

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ing element 20 is held in engagement with an end clamp bar 23 by wires 25 which extend around the rod 22, through the openings 21, through spaced openings 24 in the clamp bar 23, and through openings 26 in spaced angle brackets 27.

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We claim:

1. In combination
a vacuum furnace having an exterior wall,
a reflecting shield disposed within said wall,
a resistance heating element of high temperature re-

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