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(54) **METHOD FOR MAKING FUSED CERAMIC ARTICLES OF NEAR NET SHAPE**

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(51) **Int. Cl.**

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| *C04B 35/195* | (2006.01) |
| *B28B 1/00* | (2006.01) |
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(52) **U.S. Cl.**
USPC ..... **264/621**; 264/643; 264/658; 264/660; 264/669; 264/681

(58) **Field of Classification Search**
None
See application file for complete search history.

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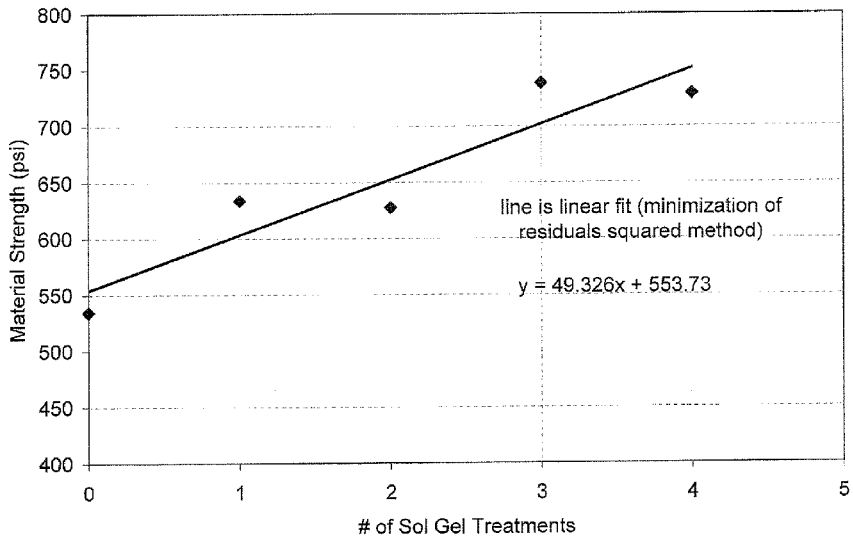
(57) **ABSTRACT**

The invention is a solution impregnation and drying treatment that imparts a high temperature binder into an already formed porous green body composed of particulate batch material. The batch material includes inorganic compounds and binder. The result is reduced sag and distortion and the same or increased strength when the porous body is later fused during sintering/firing.

**20 Claims, 4 Drawing Sheets**