

[54] **GAS CLEANER**
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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 246,065, April 20, 1972, abandoned.

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 156/181; 210/490; 210/509

[51] **Int. Cl.²** **B01D 25/22**

[58] **Field of Search** 55/485, 487, 489, 512,
 55/524, 526, 527; 156/181, 182, 582;
 161/55, 59, 93; 210/488-492, 499, 509

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[57] **ABSTRACT**

A gas cleaner and method of making the same, which includes an assembly of screens arranged angularly with respect to each other and heated compressed together under conditions of temperature and pressure so that the assembly of screens will be of a thickness less than 40 percent of the original thickness and with the openings in the mesh not substantially reduced in size from the original mesh size of the plastic coated fiberglass from which the gas cleaner is constructed because only the plastic is deformed and that only at the points of interengagement. The fiberglass becomes prestressed because it is locked in position.

4 Claims, 7 Drawing Figures

