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(54) Title: ACTIVATED CARBON MODIFIED BY ATOMIC LAYER DEPOSITION AND METHODS THEREOF

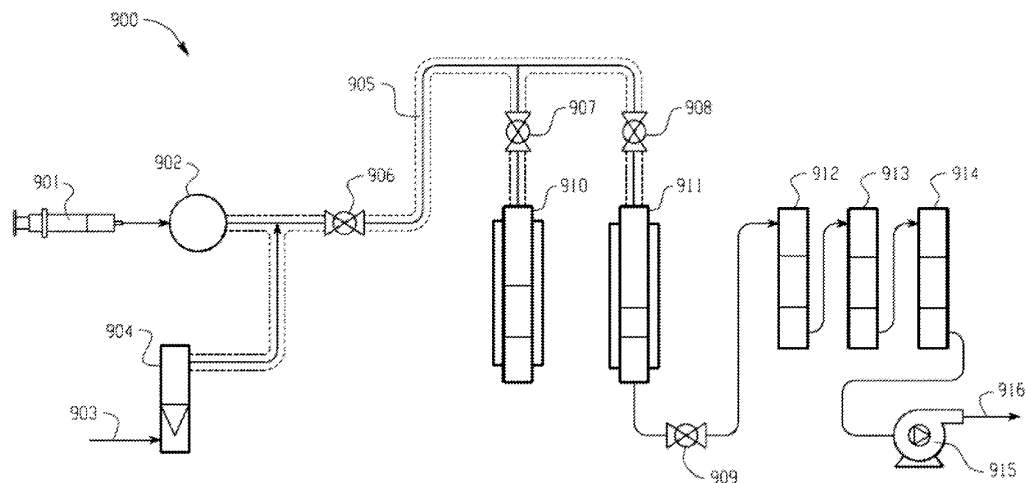


Fig. 8

(57) Abstract: The present description provides structures, atomic layer deposition methods for preparing the structures, and an apparatus preparing the structures. The described structures provide unexpected advantages as compared to currently available materials.

[Continued on next page]

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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