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(71) Applicant: **EDWARDS LIMITED** [GB/GB]; Innovation Drive, Burgess Hill Sussex RH15 9TW (GB).

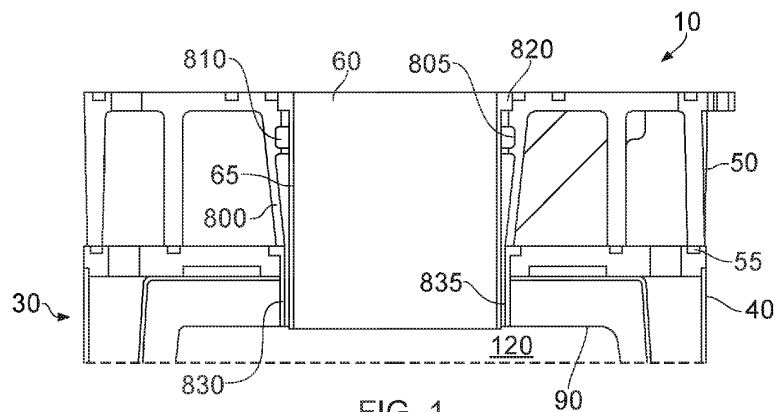
(72) Inventors: **SEELEY, Andrew James**; Edwards Limited, Kenn Business Park, Kenn Road, Clevedon Somerset BS21 6TH (GB). **SILBERSTEIN, Michael Jay**; Alzeta Corporation, 1960 Hartog Drive - Unit 20, San Jose, CA 95131 (US).

(74) Agent: **NORTON, Ian**; Edwards Limited, Innovation Drive, Burgess Hill Sussex RH15 9TW (GB).

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(54) Title: INLET ASSEMBLY



(57) Abstract: An inlet assembly, an abatement apparatus and a method are disclosed. The inlet assembly is for an abatement apparatus for treating an effluent stream from a semiconductor processing tool, the inlet assembly comprises: an inlet nozzle configured to deliver the effluent stream into a combustion chamber of the abatement apparatus; and a reagent nozzle configured to deliver a reagent into the combustion chamber of the abatement apparatus, the reagent nozzle being located concentrically with respect to the inlet nozzle, the reagent nozzle being configured to deliver the reagent in different quantities at different positions around its perimeter. In this way, the amount of reagent supplied to the combustion chamber to assist in the abatement of the effluent stream can be varied at different positions or locations around the effluent stream. This enables the flow of the reagent to be matched the flow of the effluent stream discharging from the inlet nozzle into the combustion chamber which provides the correct amount of reagent to suit the effluent stream at different locations which improves the destruction rate efficiency of the abatement apparatus without causing an oversupply of reagent.

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