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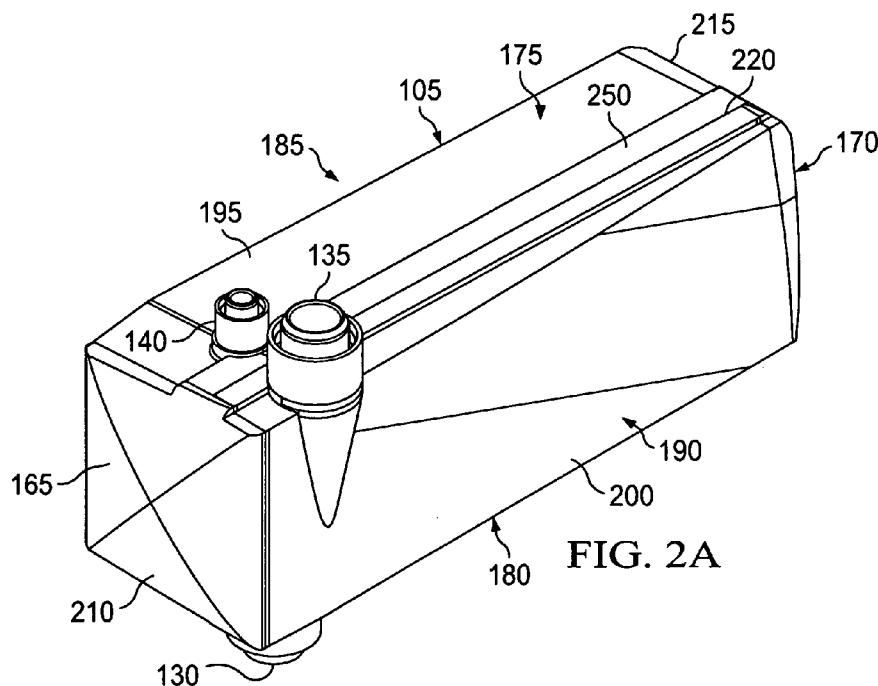
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(54) Title: MODULAR FILTER CASSETTE



(57) Abstract: The present disclosure relates to modular filtration cassettes for filtering liquids including, for example, liquids used in semiconductor manufacturing. A filter housing may define a filter cavity comprising an upstream portion and a downstream portion. The filter may further comprise a filter element disposed in the filter cavity. The filter element may at least partially overlap the filter inlet on a first side of the filter element. The filter element may comprise a rectangular pleated filter with a set of pleats having a first set of pleat tips on an upstream side of the filter element and a second set of pleat tips on a downstream side of the pleated filter.





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