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(54) **ROTATIONAL INDEXERS WITH WAFER CENTERING CAPABILITY**

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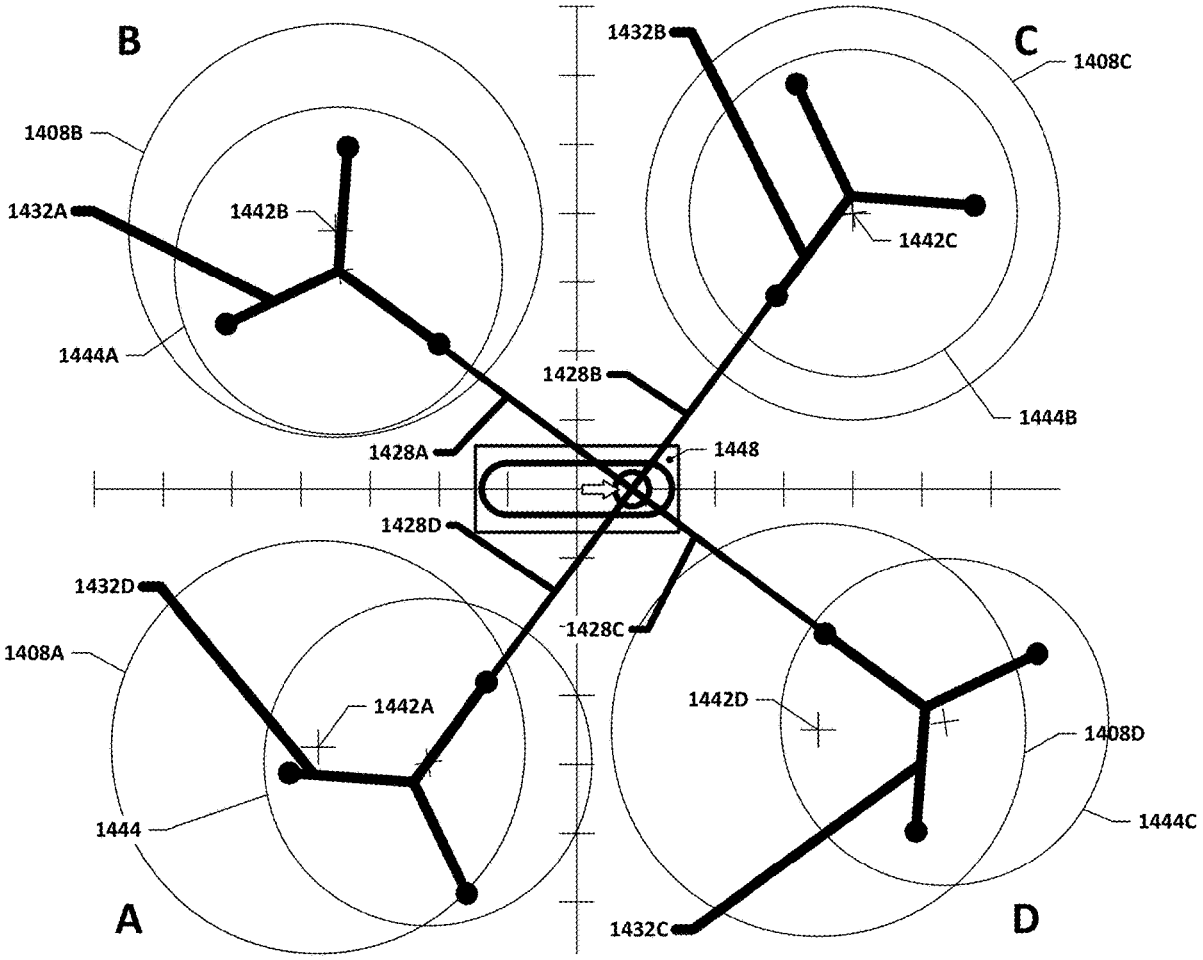
(57) **ABSTRACT**

Rotational indexers are provided that allow for wafer-by-wafer centering to be performed in association with each wafer pedestal-to-pedestal transfer operation within a multi-station chamber. One such rotational indexer has a rotational center axis that is movable along one or more lateral directions in order to provide wafer centering capability; sealing arrangements with lateral movement capability are provided for such implementations. Another such rotational indexer uses additional rotational capability at the wafer supports of the indexer, in combination with deliberate off-center placement of the wafers on the wafer supports of the indexer, to provide wafer centering capability.