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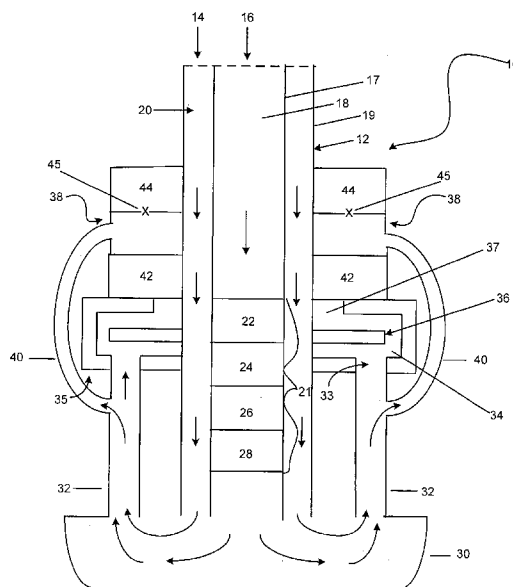


FIG. 3

(57) Abstract: The present teachings relate to solid oxide fuel cell systems featuring a novel design that provides improved thermal management of the system. The solid oxide fuel cell systems disclosed include gas channeling features that regulate the temperature of local areas of the system and protect thermal-sensitive current collection elements.

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