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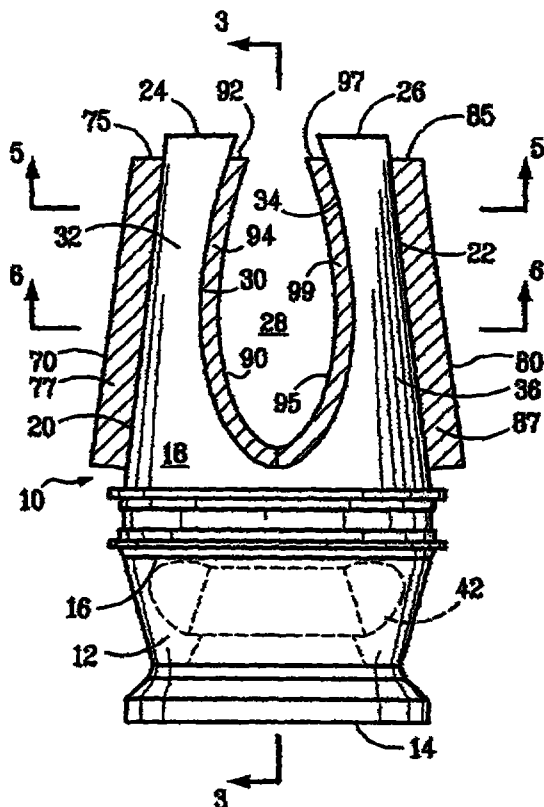
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(54) Title: ACOUSTIC SILENCER NOZZLE



(57) Abstract: An acoustic silencer nozzle (18) for ventilation and exhaust fans. The nozzle (18) provides at least two converging exhaust paths, each of which extend through an area that is adjacent acoustically absorbing media (77, 87) or resonating chambers. In this manner, the noise is reduced at the nozzle (18) or outlet portion and provides a tight plume of high velocity discharge flow. Preferably, the nozzle (18) has at least one opening that allows for ambient atmospheric air to mix with the exhaust gases at the outlet of the nozzle.

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