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It will be understood that the above specific description and drawings have been given for purposes of illustration only and that variations and modifications can be made therein without departing from the spirit and scope of the claims.

Having now described the invention, what is claimed is:

1. In a nozzle device for gunning fluent, cementitious refractory material to a furnace lining: a tubular means for conducting a rapid flow of said refractory material to said device; a primary water and air injection means; a secondary water and air injection means; a turbulence-inducing means disposed between said primary and said secondary injection means, said turbulence-inducing means comprising a tubular device having an interior cross-section tapering outwardly in the direction of flow of the material and having a continuous spiral projection on its inner surface, and an annular baffle element disposed adjacent the outlet of said tubular device and integral with the internal surface thereof to provide a zone of restricted flow at the outlet and of said tube and to induce turbulent flow therethrough; and an outlet means for said device; all of said means being coaxially arranged in series with each other.

2. A nozzle device according to claim 1 wherein said

turbulence-inducing means comprises a tubular metal shell and a removable liner disposed within said shell.

3. A device as in claim 2 wherein said removable liner is composed of hard rubber.

5 4. A device as in claim 1 wherein said baffle element is of rounded surface configuration.

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