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A METHOD AND APPARATUS FOR MINIMISING NOISE
FROM FAN UNIT

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The present invention has a pair of shaped guides each forming a narrow neck for directing the external air drawn from a fan blower in a single direction to reduce turbulence and thus noise. The unidirectional air flow from each shaped guide is then diffused, and distributed evenly to the outlet of a fan unit. Furthermore, the present invention is implemented in dimensions substantially similar to that of the fan blower in terms of heights. As such, the present invention minimises noise of a fan unit even in low clean-room ceiling heights.

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FIG. 4