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ABSTRACT

SHOWERHEAD WITH TURBOCHARGER MECHANISM

5 A showerhead with a turbocharger mechanism including a showerhead housing and a
turbo-compressor unit is provided. The showerhead housing has a water inlet port for
introducing a water flow, a case wall that gradually expands, and a water drainage panel.
The turbo-compressor unit is accommodated in a housing chamber and includes a
compressor compartment where the water flow is converted into a vortex flow, a turbo-pump
10 impeller accommodated in the compressor compartment, and a turbo-generator capable of
generating electric energy. The turbo-generator is electrically connected to an illumination
means, so as to emit light beams. The present invention is provided with the turbocharger
mechanism, so as to make use of the water flow flowing through the showerhead effectively
to generate electricity for illumination.

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Most Illustrative: Figure 2

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