

**"APPARATUS FOR UNIFORMLY DISPENSING
PARTICULATE MATERIAL IN A VESSEL "**

ABSTRACT

5 Dispensing apparatus for particulate matter is disclosed which
distributes the particulate matter, at substantially the same rate, uniformly across a
given area of a vessel. The apparatus comprises: a particle container having an
opening at one end for receiving particulate material; a rotor having multiple
elongated, hollow arms, an opening at one end for receiving particulate material
10 from the particle container, the multiple arms each having at least one aperture
located in a lower portion thereof for discharging particulate material; a baffle plate
having multiple elongated leaves, rotatably positioned around a vertical central axis
of the rotor and having dimensions capable of reducing the flow of particulate
material from the rotor apertures; a fastening means for releasably fastening the
15 baffle plate to the rotor; and a rotating means for rotating the rotor in
communication with the particle container. A method of use of the dispensing
apparatus to uniformly load particular matter into a vessel is also disclosed.

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