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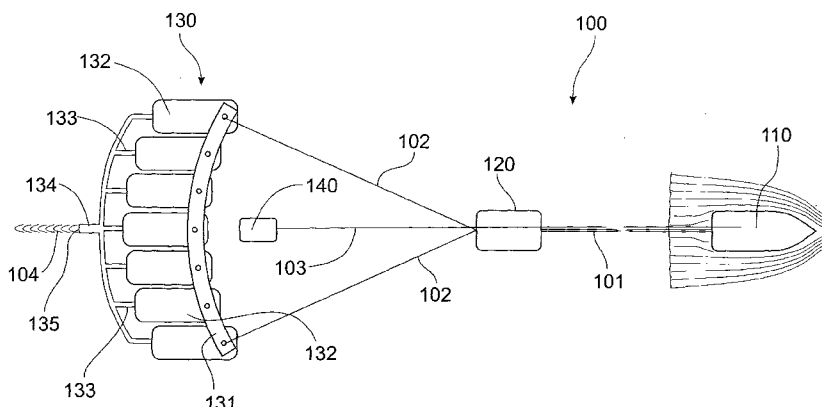


FIG. 1

(57) Abstract: A seafloor nodule concentrating system is disclosed. The seafloor nodule concentrating system has a surface vessel and an undersea steering vehicle secured to the surface vessel. The undersea steering vehicle is adapted to be towed by the surface vessel. The seafloor nodule concentrating system also has a nodule collecting apparatus connected to the undersea steering vehicle. The nodule collecting apparatus is located on the seafloor. The seafloor nodule concentrating system also has a position determination device adapted to determine the position of the nodule collecting apparatus and communicate position information of the nodule collecting apparatus to the undersea steering vehicle and surface vessel.