

METHOD FOR CONSTRUCTING CAISSON ON THE SEA USING BUOYANCY AND CAISSON ASSEMBLY THEREFOR

Abstract of the Disclosure

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Provided is a method for constructing a caisson on the sea using buoyancy, the method including: preparing a caisson to be constructed; preparing a buoyancy tank, the buoyancy tank being coupled to the caisson to be constructed and providing buoyancy; coupling the caisson to be constructed
10 to the buoyancy tank on the sea so as to form a caisson assembly; and transporting the caisson assembly to a construction site of the caisson to be constructed on the sea, wherein the caisson to be constructed includes a base portion and a wall portion, the wall portion extending upward from the base portion, positioned adjacent to a front end from among the front end and a rear
15 end of the base portion and providing an inner space, and in the coupling, the buoyancy tank is detachably coupled to the wall portion by a coupling unit.

Fig. 1