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(54) Title: VACUUM INSULATED CRYOGENIC STORAGE VESSEL

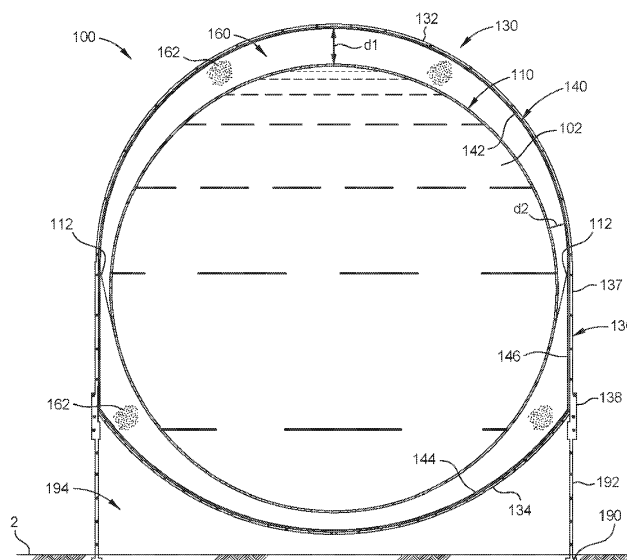


FIG. 1

(57) Abstract: A cryogenic vessel (100) includes an outer vessel (130) at least partially formed from a reinforced concrete. The cryogenic vessel further includes an inner vessel (119) disposed in the outer vessel. The cryogenic vessel further includes an airtight liner (140) disposed between the inner vessel and the outer vessel, wherein the liner is anchored to the outer vessel. The cryogenic vessel further includes a vacuum space (160) disposed between the inner vessel and the liner, wherein an insulation material (162) is disposed in the vacuum space.

[Continued on next page]

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