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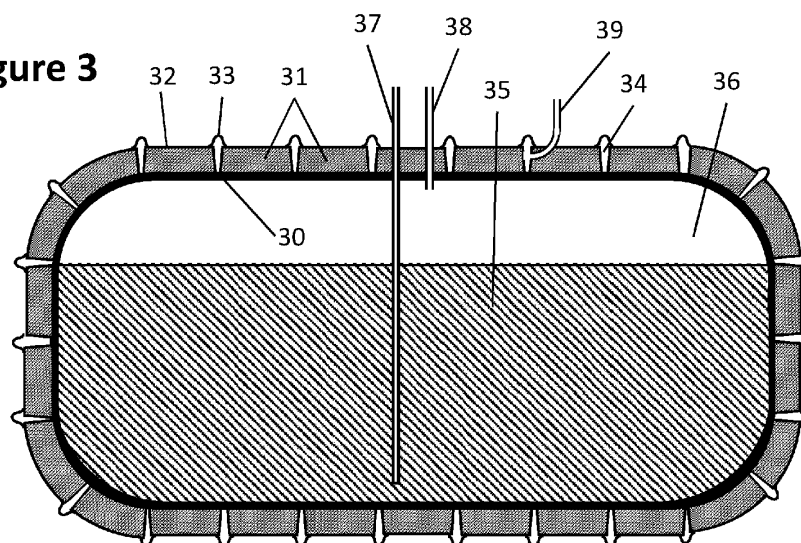
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(54) Title: TANK FEASIBLE FOR CRYOGENIC SERVICE

Figure 3



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(57) Abstract: The invention provides a tank feasible for cryogenic service and a method of building the tank. The tank comprises: an inner tank, thermal insulation, and an outer shell that is airtight, wherein the thermal insulation is arranged outside the inner tank and the outer shell is arranged outside the thermal insulation, further comprising a coupling through the outer shell, wherein a vacuum pump outside the tank can be coupled for suction of air and gas from the volume between the inner pressure tank and the outer shell, and further comprising an opening from outside the tank to inside the inner tank for loading and unloading of fluid, wherein the inner tank in operation contains fluid and the volume between the inner tank and the outer shell is at vacuum. The tank is distinguished in that: the thermal insulation comprises several block elements arranged side by side on the inner tank, with a gap in between the block elements, wherein the outer shell comprises several parts that have been joined together to cover the whole outer surface of the insulation, wherein parts of the outer shell covering an insulation block element have shape matching the insulation block element shape and parts of the

[Continued on next page]

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outer shell covering the gaps between the block elements have inward or outward oriented curved shape if seen in cross section along the respective gaps and are flexible by contracting or stretching the curved shape.