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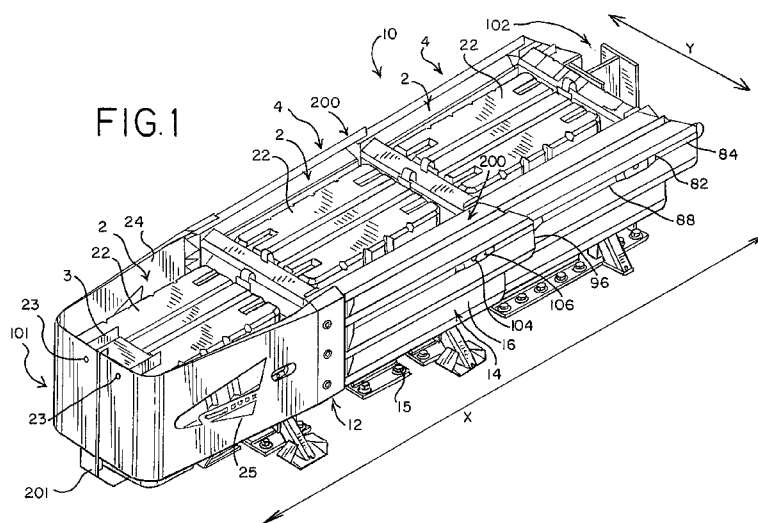
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(54) Title: ENERGY ABSORBING VEHICLE BARRIER



(57) Abstract: An energy absorbing vehicle barrier includes a frame defining a compartment. In one embodiment, the frame includes a nose. An energy absorbing cartridge is disposed within the compartment. A retaining device is coupled to the frame, with the retaining device disposed above and extending over at least a portion of an upper surface of the cartridge. The retaining device may contact and engage the upper surface of the cartridge when the barrier is impacted by a vehicle. In this way, the retaining device substantially prevents movement of the cartridge in at least a vertical direction during the impact. Methods of using and assembling the barrier are also provided.