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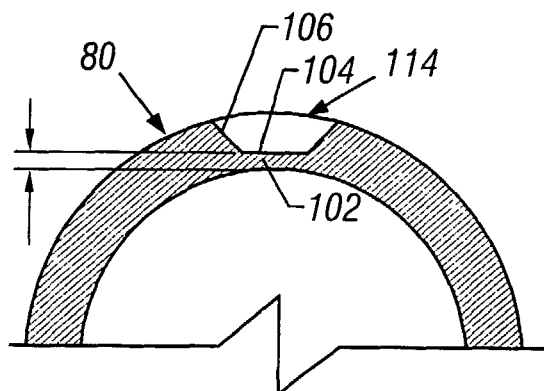
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(54) Title: SHAPED RECESSES IN EXPLOSIVE CARRIER HOUSINGS THAT PROVIDE FOR IMPROVED EXPLOSIVE PERFORMANCE BACKGROUND



(57) Abstract: A carrier (12) for containing explosives (e.g., shaped charges) (20) includes a housing having a plurality of recesses (14) and a side surface (16) extending around its periphery. The side surface is shaped to a geometry to reduce or control reflection of compression waves generated in response to an explosive jet (e.g., a perforating jet) created due to detonation of an explosive. The side surface may be slanted from a bottom surface of the recess, or a predetermined profile may be formed in the side surface to scatter or direct compression waves.

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