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(54) **PROJECTILE-RESISTANT WALL  
STRUCTURE WITH INTERNAL BAG**

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This patent is subject to a terminal dis-  
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See application file for complete search history.

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(57) **ABSTRACT**

A wall structure and a method for constructing the wall of a  
building provide protection for inhabitants of the building  
against ballistic projectiles impacting the wall. The wall  
structure includes an outer panel and an inner panel. The inner  
panel is a composite structure that includes a metal sheet  
having a first face attached to a wallboard panel. Preferably, a  
sheet of self-healing material is attached to a second face of  
the metal sheet. A cavity formed between the outer and inner  
panels is filled with sand or another granular material. A  
flexible sheet suspended in the cavity provides additional  
protection. Preferably, a sheet of woven para-aramid fiber  
such as Kevlar® brand fiber is loosely attached to the flexible  
sheet to provide further protection.

**21 Claims, 15 Drawing Sheets**

