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[Continued on next page]

(54) Title: FLAME RESISTANT AND HEAT PROTECTIVE FLEXIBLE MATERIAL WITH INTUMESCING GUARD PLATES AND METHOD OF MAKING THE SAME

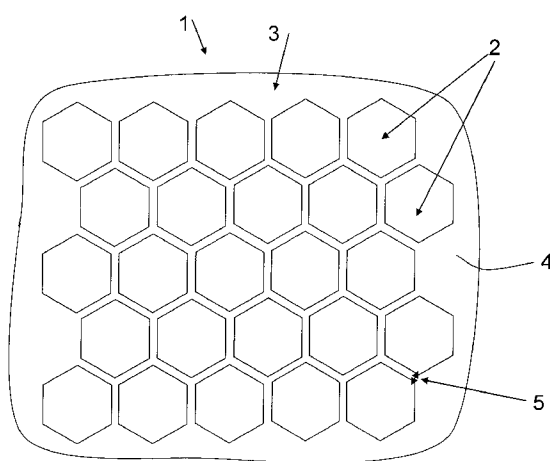


FIG. 1A

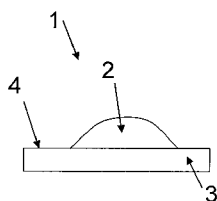


FIG. 1B

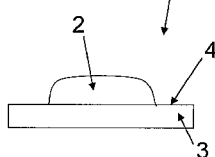


FIG. 1C

(57) Abstract: A protective material comprising a flexible substrate including a top surface and a plurality of discrete guard plates affixed to the top surface in a spaced relationship to each other. The guard plates comprise a material which significantly expands upon the addition of sufficient heat forming a thermally insulating, flame retardant layer.



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