DEFENSIVE PUBLICATION

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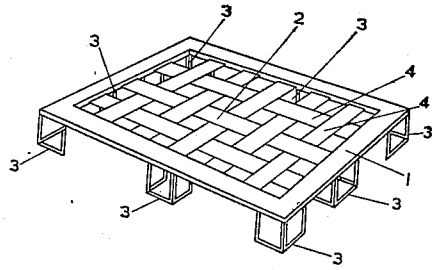
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PALLETS

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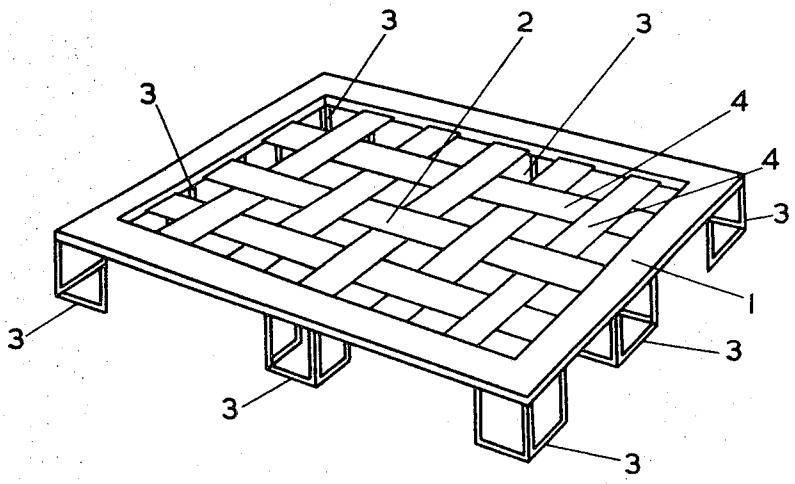
Pallets in which the load-bearing surfaces consist of interwoven bands of thermoplastic material mounted within a frame are disclosed. The interwoven bands are of a high tensile material such as tapes of polypropylene or high density polyethylene having the direction of the orientation of the molecules of the material along the axis thereof. Another suitable material is a strip consisting of fibers of polyethylene terephthalate embedded in a matrix of polyethylene. The frame supporting this interwoven band of plastic is of a light weight material such as, for example, tubular metal or another thermoplastic material. If a thermoplastic material is selected, foamed polypropylene is preferred for its strength and light weight. The woven load-bearing surface may be fitted within such a plastic frame by heat-sealing the strip to the frame or, with either metal or thermoplastic material, the ends of the load-bearing surface may be looped around the frame member and the material sealed to itself to secure each band to the frame.

The underside of the frame may be conveniently fitted with supports to receive the forks of a fork lift truck. Pallets thus produced are strong enough to withstand both the loads which they support and the rough handling to which they are subjected.

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