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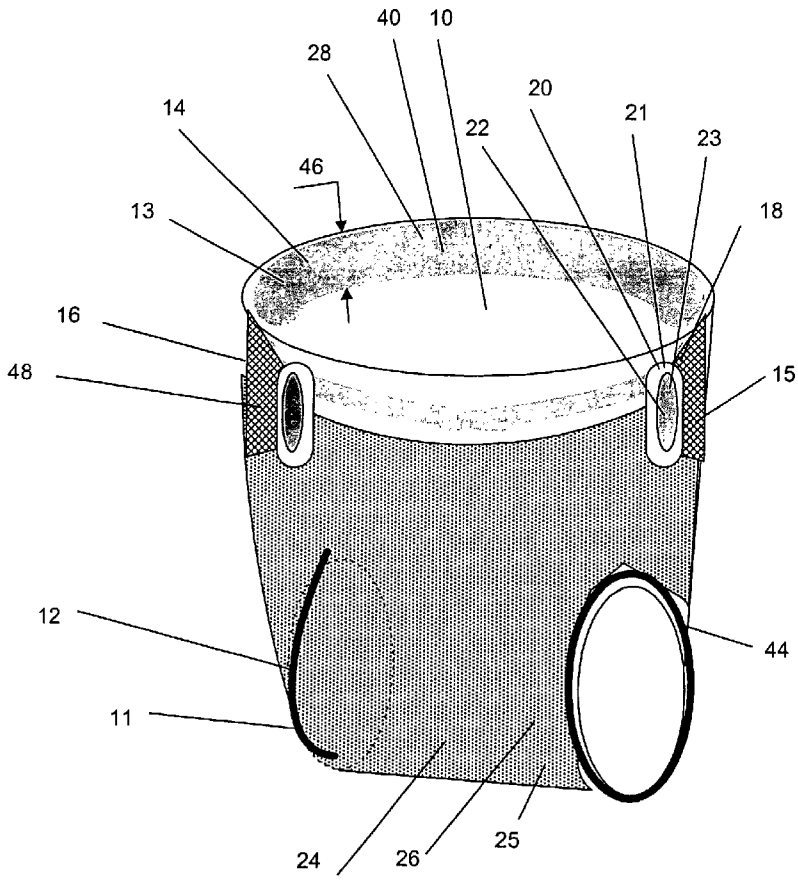
(54) Title: ARTICLES COMPRISING IMPREGNATED THERMOPLASTIC MEMBERS AND METHOD OF MANUFACTURING THE ARTICLES



(57) Abstract: An article, including disposable articles and durable articles, includes one or more shaped thermoplastic members, which can be at least partially impregnated into one or more fibrous substrates forming a composite material of the article having regions of breathability, elasticity, and/or stiffening to provide desired functions of the article. The shaped thermoplastic members have a profiled thickness and/or basis weight providing variation in material properties. A percent variation of the profiled thickness of the thermoplastic member can vary from about 5% to about 95%. A process for manufacturing the composite material of the present invention is also disclosed.

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