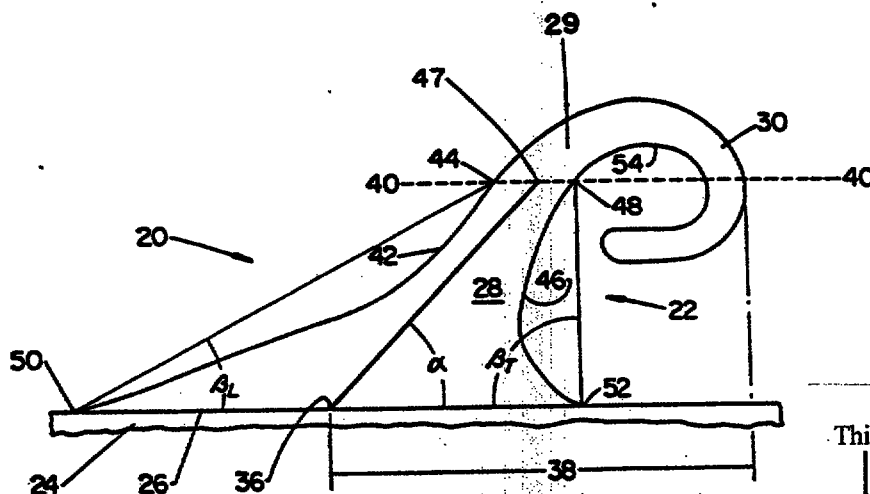


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(54) Title: METHOD FOR MANUFACTURING A REFASTENABLE MECHANICAL FASTENING SYSTEM HAVING AZIMUTHALLY ANGLED PRONGS AND FASTENING SYSTEM PRODUCED THEREFROM



This Sheet Has Been Replaced



(57) Abstract

The invention is a refastenable mechanical fastening system, made of free formed prongs (22) joined to a substrate (24). The prongs (22) taper and are nonperpendicularly oriented relative to the plane of the substrate. The prongs (22) also have an azimuthal angle relative to the machine direction of the substrate. Each prong (22) has an engaging means (30) projecting laterally from the periphery of the prong. The free formed prongs (22) are manufactured by the process of depositing liquid material onto a moving substrate (24) to form the base of the prong, stretching the liquid material in a direction parallel to the plane of the substrate (24), severing the stretched material to form the distal end and engaging means (30) of the prong (22) and allowing the prong to azimuthally angle. The advantageous usage of the fastening system in an article of manufacture, such as disposable absorbent article specifically a diaper, is also disclosed.