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ABSTRACT

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**METHOD FOR MANUFACTURING A REFASTENABLE MECHANICAL
FASTENING SYSTEM AND FASTENING SYSTEM PRODUCED
THEREFROM**

The invention is a process for making a refastenable mechanical fastening system comprising the steps of providing a depositing member having at least one aperture having a diameter of between about 0.008 inch to about 0.040 inch; providing a molten thermally sensitive material having a storage modulus less than about 5000 dynes/centimeter² at the application temperature and a storage modulus of at least about 1×10^6 dynes/centimeter² at a temperature no more than 40°C less than the application temperature; providing a substrate; forcing the molten thermally sensitive material through the aperture; depositing a discrete amount of the molten thermally sensitive material from the aperture onto the substrate; stretching a portion of the discrete amount of the molten thermally sensitive material in a direction having a vector component parallel to the plane of the substrate so as to form a prong; and solidifying the molten thermally sensitive material of the prong, the prong (22) having a base (26), a shank (28), and an engaging means (30), the engaging means (30) forming an included angle of at least 180°.

Figure 1