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(12) **United States Patent**  
**Vaughan et al.**

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(54) **BLOCK COPOLYMER BASED HOT MELT  
ADHESIVE FOR BONDING LOTION  
COATED SUBSTRATES**

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(21) Appl. No.: **09/497,296**

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(51) **Int. Cl.**<sup>7</sup> ..... **C08L 53/00**

(57) **ABSTRACT**

(52) **U.S. Cl.** ..... **525/89**; 524/270; 524/271;  
523/105; 523/111

The present invention relates to using certain block copoly-  
mer based hot melt adhesive compositions for the assembly  
of disposable absorbent articles such as disposable diapers  
wherein the adhesive is in contact with an oil-based skin care  
ingredient, and the resulting disposable absorbent article.  
The adhesive is particularly useful for adhesively bonding  
elastic to nonwoven, and exhibits good stress resistance in  
the presence of lotion.

(58) **Field of Search** ..... 524/270, 271,  
524/274, 474, 476, 484, 499; 525/88, 89,  
90

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**20 Claims, No Drawings**