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(54) **FENTANYL SUSPENSION-BASED SILICONE ADHESIVE FORMULATIONS AND DEVICES FOR TRANSDERMAL DELIVERY OF FENTANYL**

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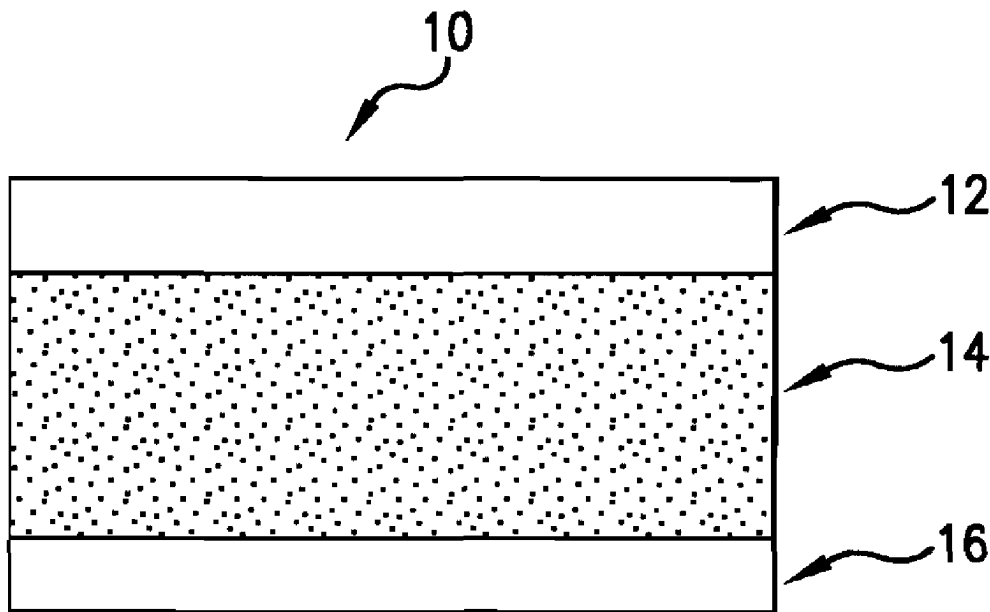
**Related U.S. Application Data**

(63) Continuation of application No. 11/743,411, filed on May 2, 2007, Continuation of application No. 11/723,111, filed on Mar. 16, 2007, said application No. 11/743,411 is a continuation of application No. 11/438,391, filed on May 23, 2006, now abandoned, said application No. 11/723,111 is a continuation of application No. 11/438,391, filed on May 23, 2006, now abandoned, which is a continuation of application No. 10/283,355, filed on Oct. 30, 2002, now abandoned.

**Publication Classification**

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*A61K 31/445* (2006.01)  
(52) **U.S. Cl.** ..... **424/448; 514/329**  
(57) **ABSTRACT**

Silicone adhesive formulations are provided, in which fentanyl particles are suspended one or more a solvated silicone adhesives. The formulations can be used for manufacturing improved, matrix-type transdermal devices for administering fentanyl.



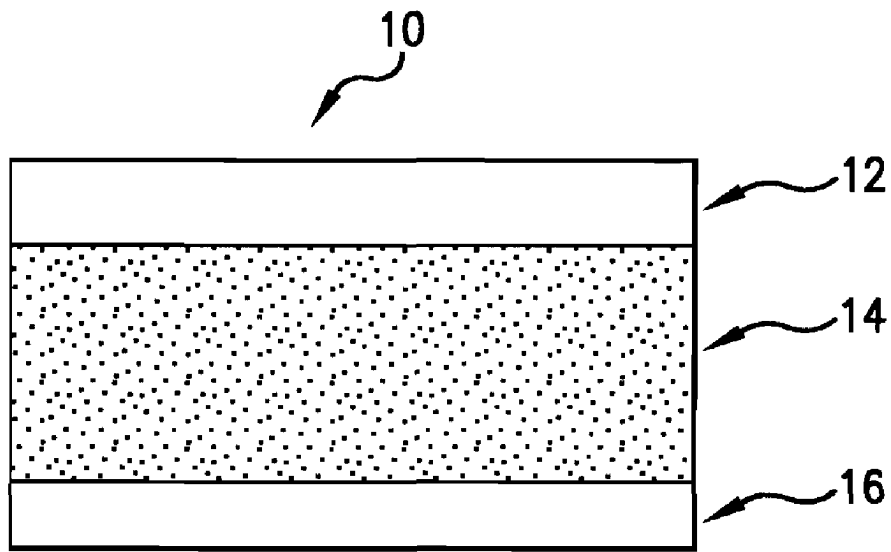


FIG. 1A

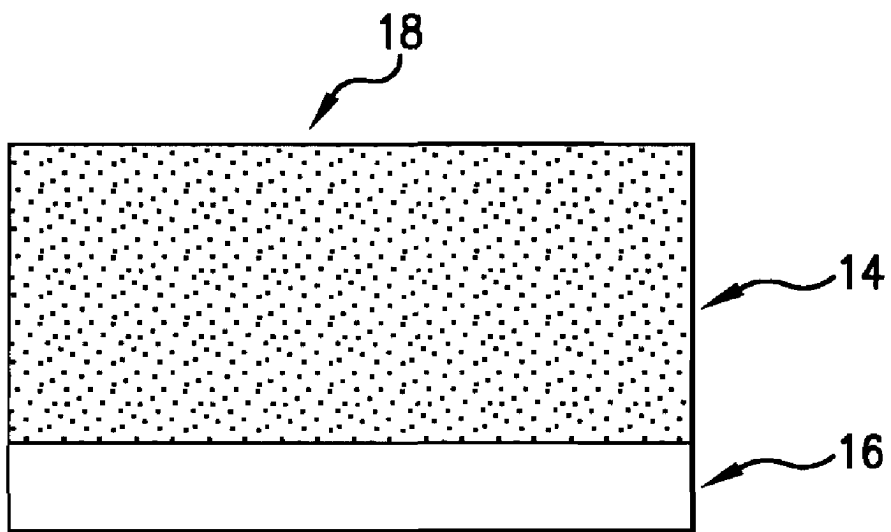


FIG. 1B

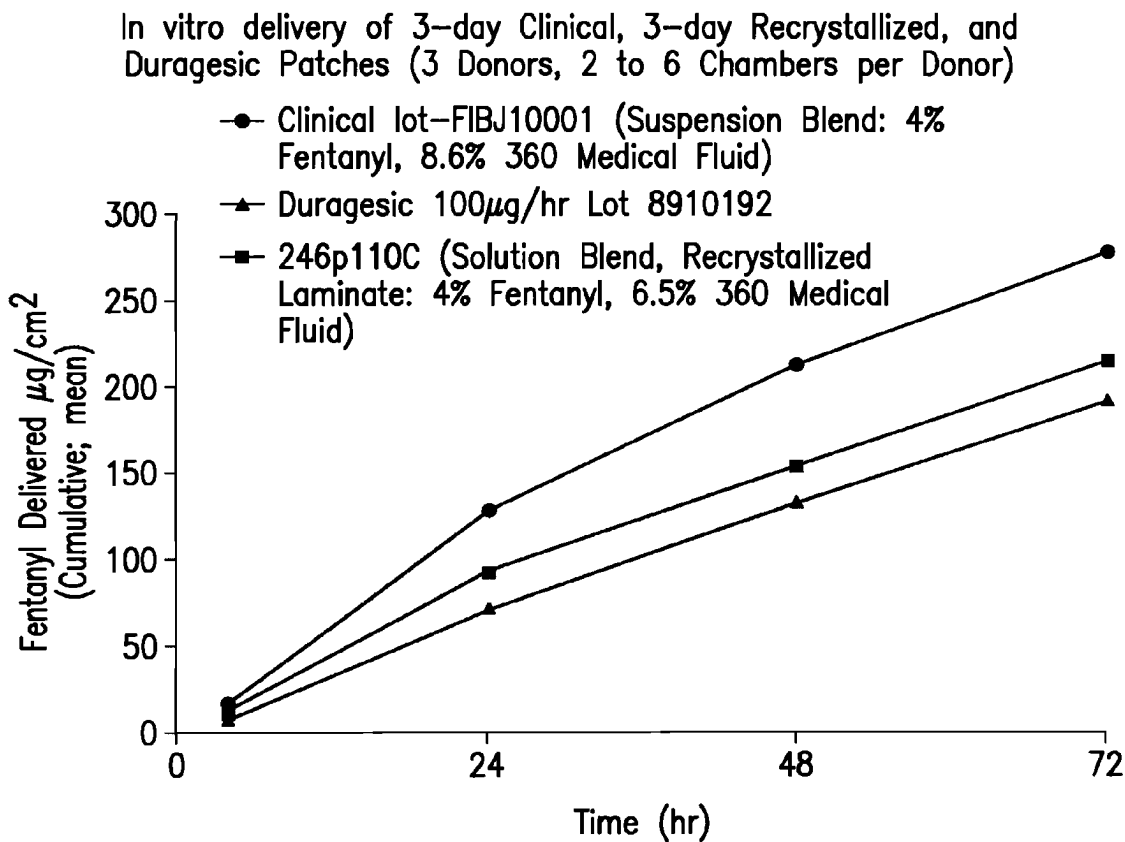


FIG.2

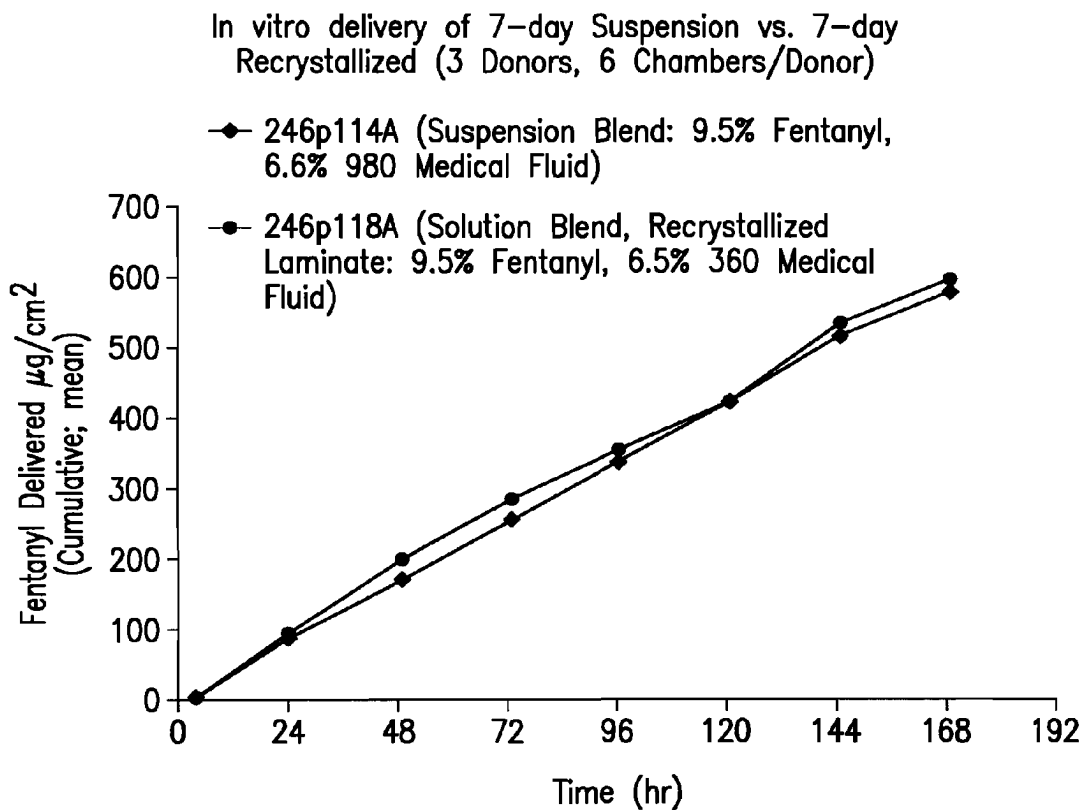
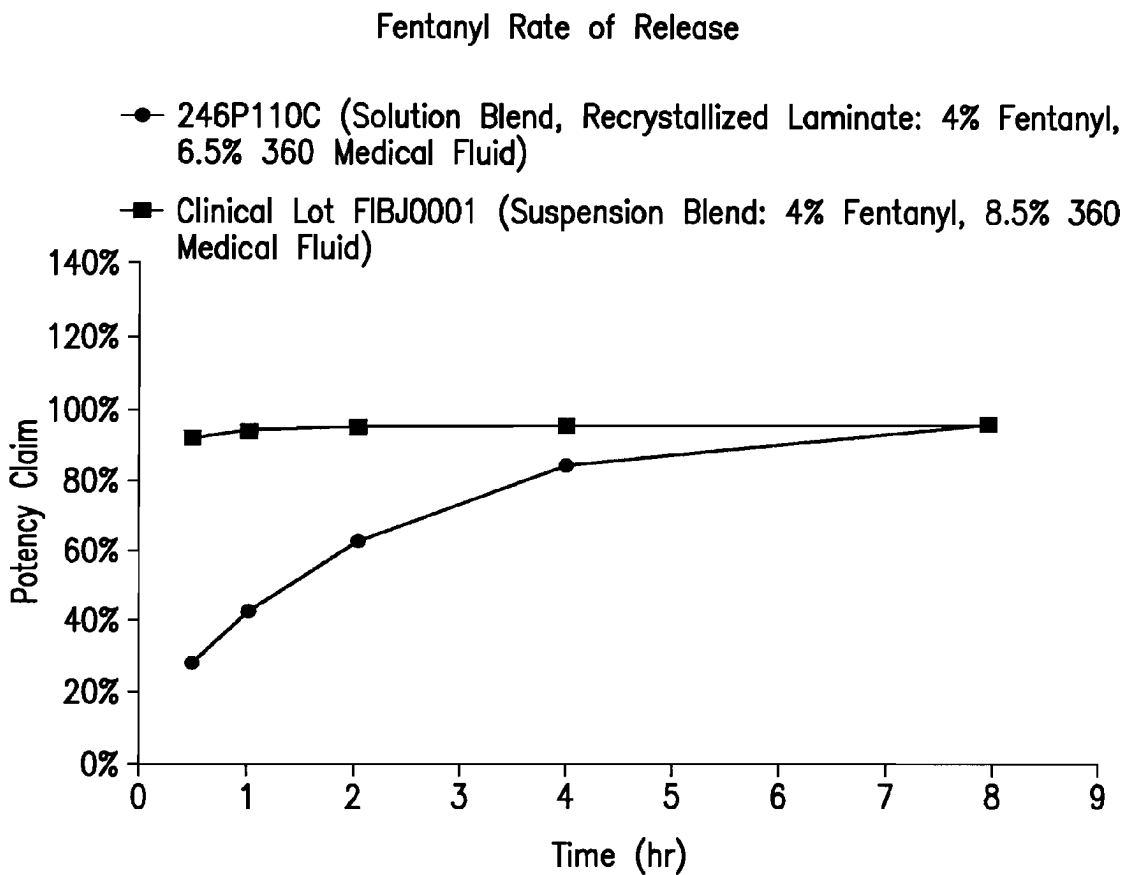


FIG.3



**FIG.4**

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