



US 20090041831A1

(19) **United States**

(12) **Patent Application Publication**

Miller, II et al.

(10) **Pub. No.: US 2009/0041831 A1**

(43) **Pub. Date: Feb. 12, 2009**

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

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(21) Appl. No.: **12/260,050**

(22) Filed: **Oct. 28, 2008**

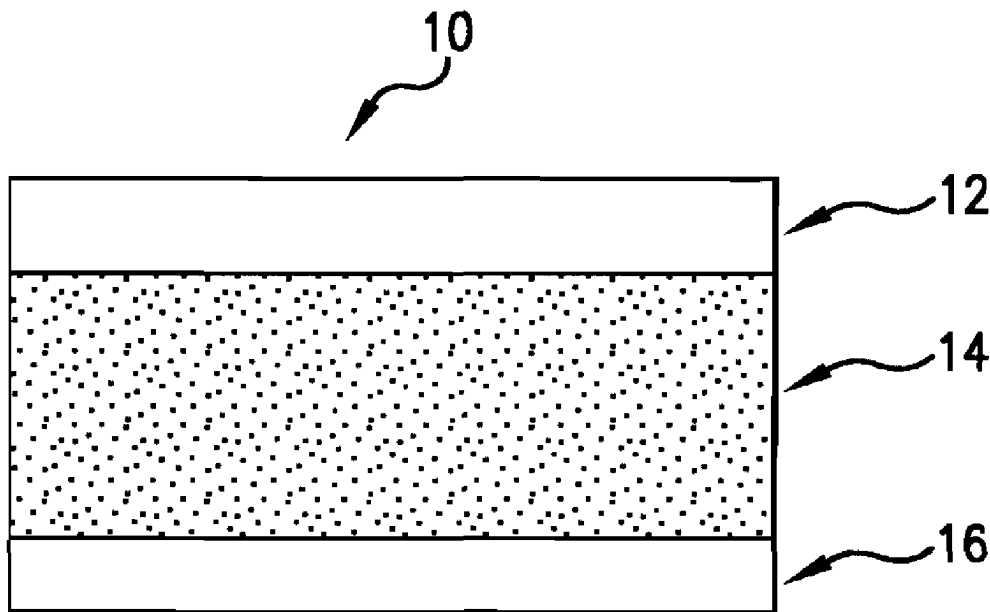
Related U.S. Application Data

(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

(51) **Int. Cl.**
A61K 9/70 (2006.01)
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.



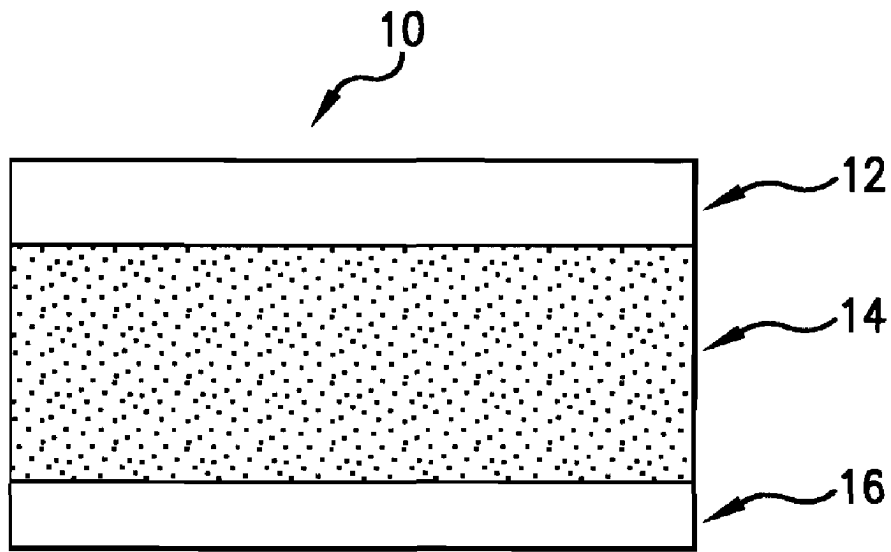


FIG. 1A

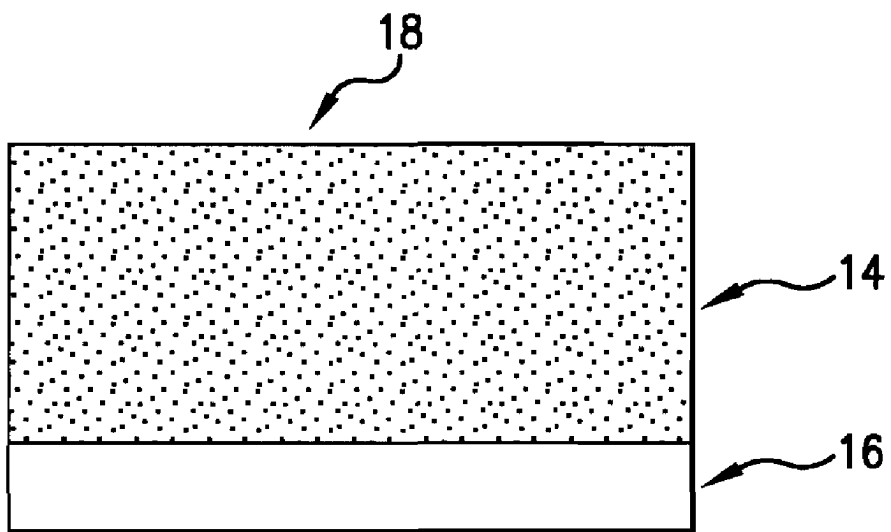


FIG. 1B

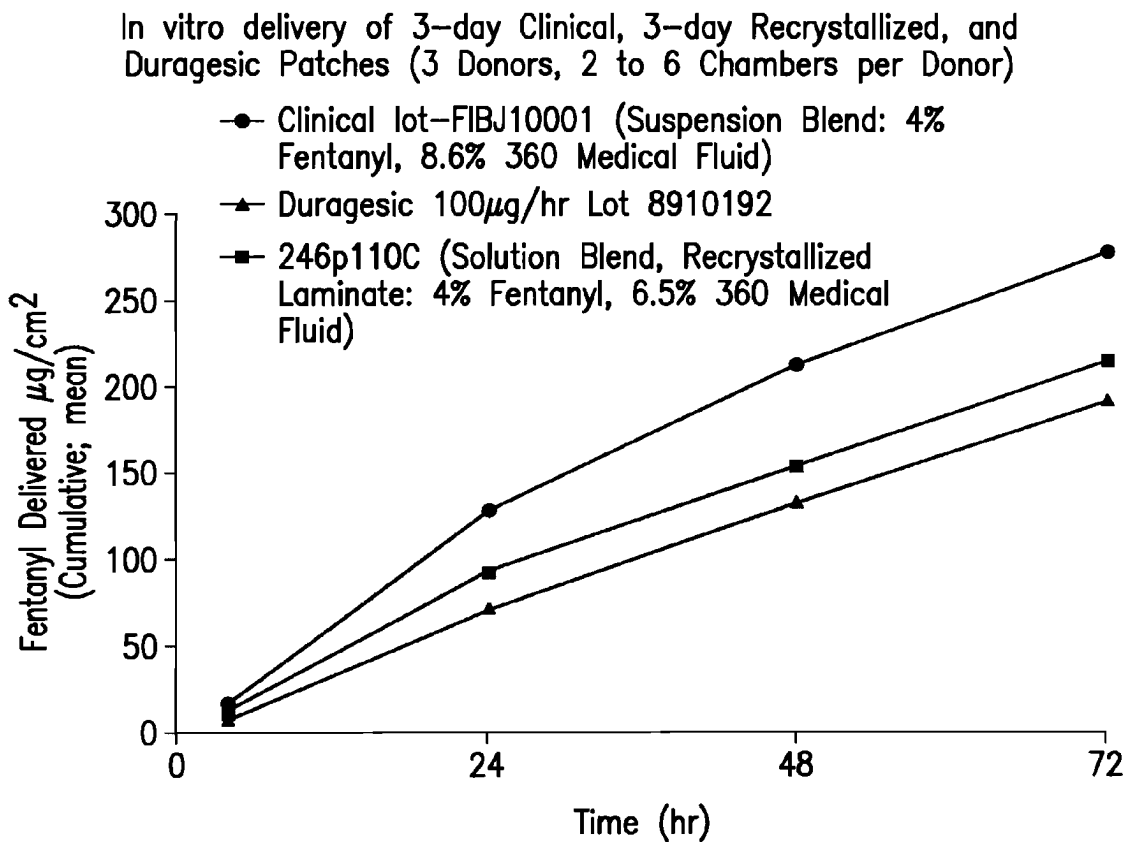


FIG.2

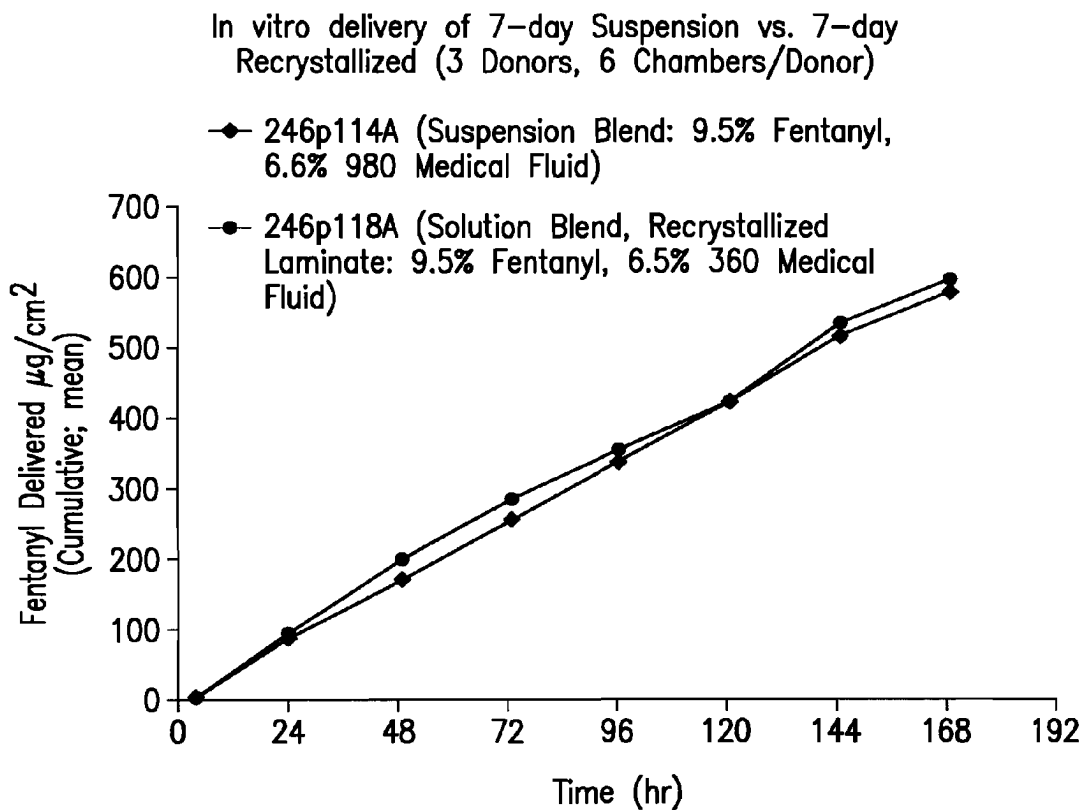


FIG.3

Fentanyl Rate of Release

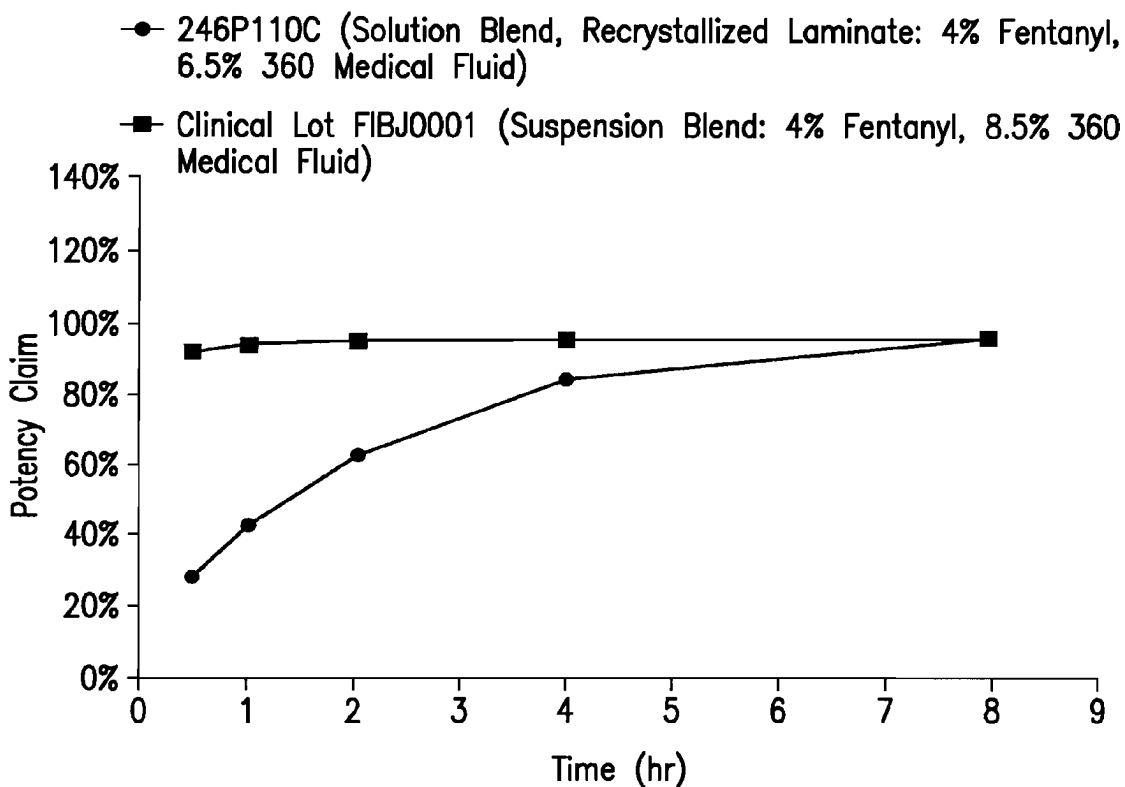


FIG.4

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