

What is Claimed:

1. A method of delivering a composition comprising atropine to an eye of a subject in need thereof as a micro-dose stream of droplets, the method comprising:
 - 5 (a) generating a micro-dose stream of droplets including the composition comprising atropine via a piezoelectric droplet delivery device, wherein the micro-dose stream of droplets has an average ejected droplet diameter greater than 15 microns; and
 - (b) delivering the micro-dose stream of droplets to the eye of said subject.
- 10 2. The method of claim 1, wherein the method treats myopia in the subject in need thereof.
3. The method of claim 1, wherein the micro-dose stream of droplets delivered to the
15 eye of the subject is less than 13 microliters.
4. The method of claim 1, wherein the micro-dose stream of droplets delivered to the eye of the subject is less than 10 microliters.
- 20 5. The method of claim 1, wherein the micro-dose stream of droplets delivered to the eye of the subject is less than 5 microliters.
6. The method of claim 1, wherein the micro-dose stream of droplets delivered to the eye of the subject is 3-7 microliters
- 25 7. The method of claim 1, wherein the micro-dose stream of droplets has an average initial ejecting velocity of at least about 3 m/s.
8. The method of claim 1, wherein the micro-dose stream of droplets has an average
30 initial ejecting velocity about of 4 m/s to about 12 m/s.
9. The method of claim 1, wherein the composition comprises atropine at a concentration of at least 0.5 % by weight.

10. The method of claim 1, wherein the composition comprises atropine at a concentration of at least 0.8 % by weight.
11. The method of claim 1, wherein the composition comprises atropine at a concentration of concentration of 1% or more by weight.
12. The method of claim 1, wherein the composition comprises atropine at a concentration of concentration of 0.5 to 1.2% by weight.
13. The method of claim 1, wherein the micro-dose stream of droplets is delivered to the eye of the subject in less than 80 ms.
14. The method of claim 1, wherein the micro-dose stream of droplets has an average ejected droplet diameter of 20-60 microns.
15. The method of claim 1, wherein the piezoelectric droplet delivery device is oriented within 25° of horizontal during generation and delivery of the micro-dose stream of droplets.
16. The method of claim 1, wherein the piezoelectric droplet delivery device comprises an ejector mechanism, the ejector mechanism comprising a generator plate and a piezoelectric actuator, wherein the generator plate includes a plurality of openings formed through its thickness; and wherein the piezoelectric actuator is operable to directly or indirectly oscillate the generator plate, at a frequency to generate a directed stream of droplets of said low dosage volume medicament composition.

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