CLAIMS

1. A composition comprising:

ultrafine bubbles having a mode particle size of no more than 500 nm;

a drug; and

water, wherein the ultrafine bubbles are present at a density of at least 1 x 10^6 per milliliter.

2. The composition according to claim 1, wherein the drug is dissolved in the water.

3. The composition according to claim 1, wherein the drug is dispersed in the water.

4. The composition according to claim 3, wherein the dispersed drug particles have a mode particle size in the range from 0.05 mm to 15 mm.

5. The composition according to claim 3, wherein the dispersed drug particles have a mean particle size in the range from 0.05 mm to 15 mm.

6. The composition according to any one of claims 1 to 5, wherein the surfaces of the ultrafine bubbles contained in the composition or dispersion are electrically charged to provide zeta potentials that are at least 5 mV in absolute value.

7. The composition according to any one of claims 1 to 6, wherein the drug is an evaporative substance.

8. The composition according to claim 7, wherein the evaporative substance is at least one substance selected from the group consisting of insecticides, bactericides, repellents, allergen inactivators, deodorants, antifungal agents, fragrances, essential oils, and flavorings.

9. The composition according to any one of claims 1 to 8, wherein the composition is in a gel form.

10. The composition according to any one of claims 1 to 9, which contains at least one gas in the ultrafine bubbles as selected from the group consisting of oxygen, hydrogen, nitrogen, carbon dioxide, and ozone.

11. A detergent composition comprising:

ultrafine bubbles having a mode particle size of no more than 500 nm;

at least one compound selected from among terpenes; and

alkali electrolyzed water, wherein the ultrafine bubbles have a density of at least 1 x 10^6 per milliliter in the alkali electrolyzed water and the ultrafine bubbles contain at least one gas selected from the group consisting of air, hydrogen, oxygen, and nitrogen.

12. A washing method that comprises holding an article of interest within the composition

according to claim 11 and applying ultrasonic waves to the composition.

13. A process for preparing a composition according to claim 2, the process comprises to generate ultrafine bubbles having a mode particle size of no more than 500 nm in a solution of a water-soluble drug and water by means of an ultrafine bubble generator.

14. A process for preparing a composition according to claim 3, the process comprises to generate ultrafine bubbles having a mode particle size of no more than 500 nm in a dispersion of water and a hydrophobic drug by means of an ultrafine bubble generator.

15. A process for preparing a composition according to claim 3, the process comprises to add a hydrophobic drug to water comprising the ultrafine bubbles after generating ultrafine bubbles having a mode particle size of no more than 500 nm in water by means of an ultrafine bubble generator.

16. The process according to any one of claims 13 to 15, wherein the ultrafine bubble generator is a gas-liquid mixture shearing device.