

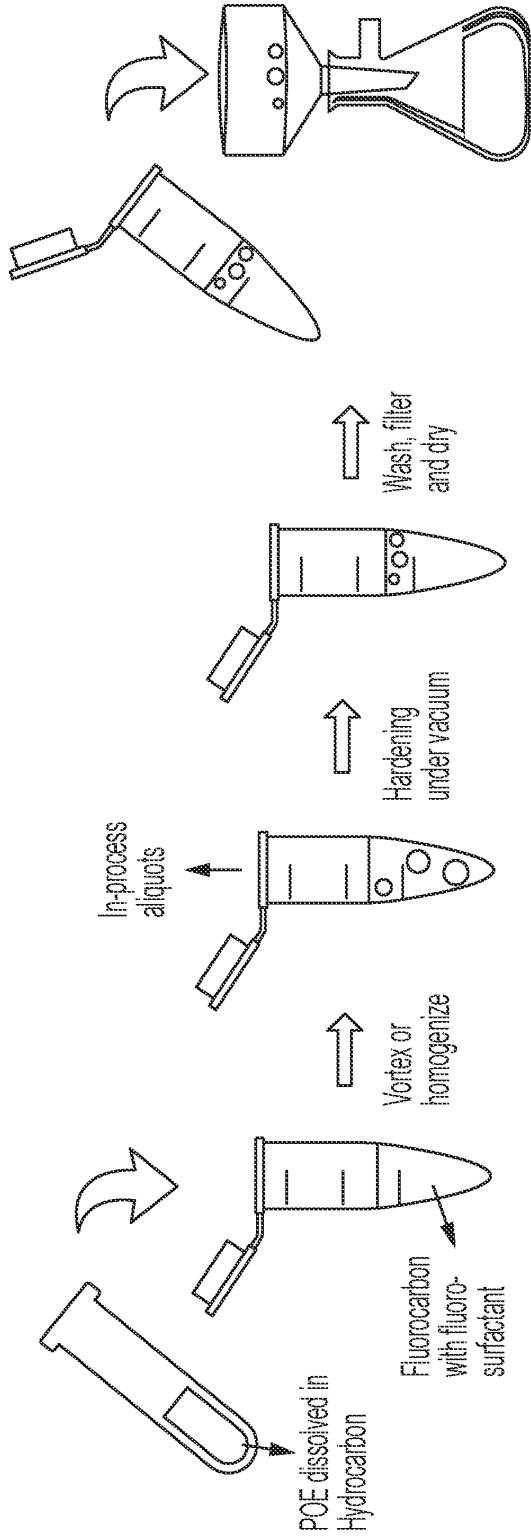


FIG. 1A

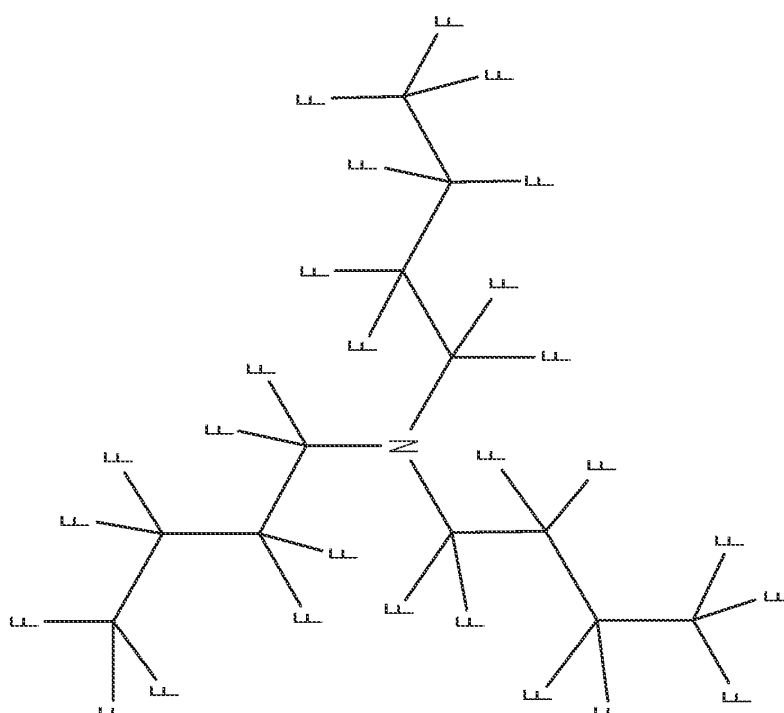
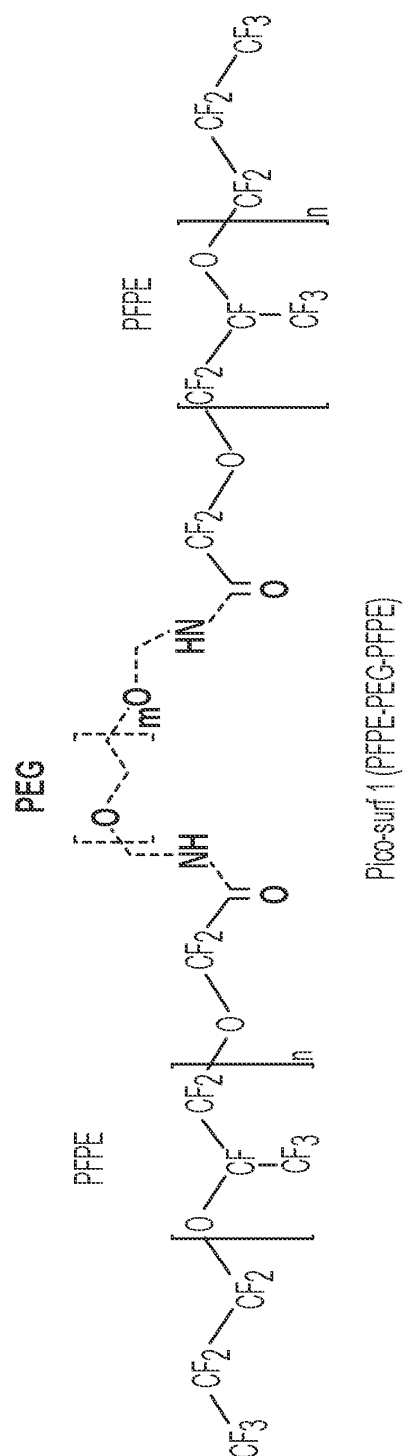


FIG. 1B



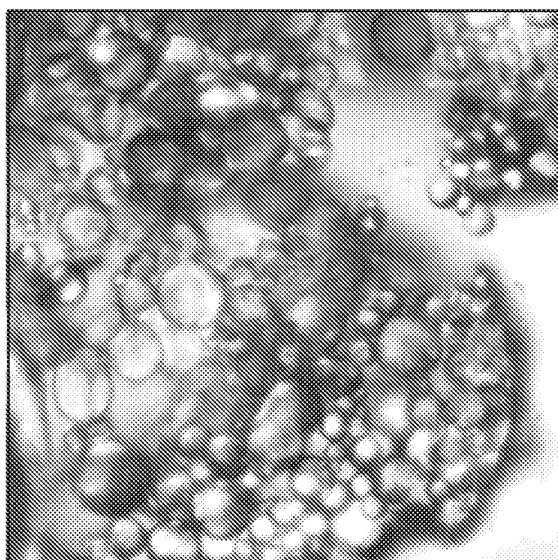


FIG. 2B

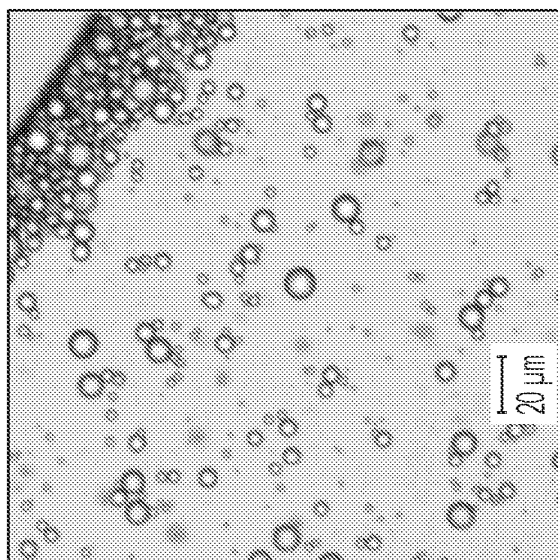


FIG. 2A

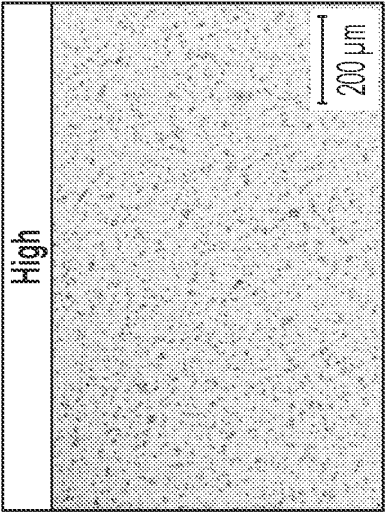


FIG. 3C

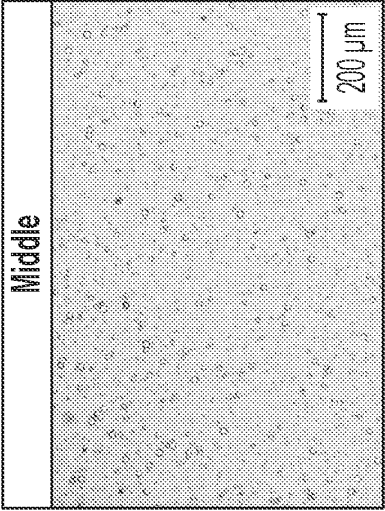


FIG. 3B

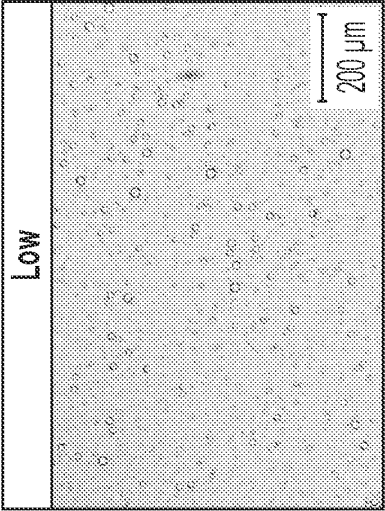


FIG. 3A

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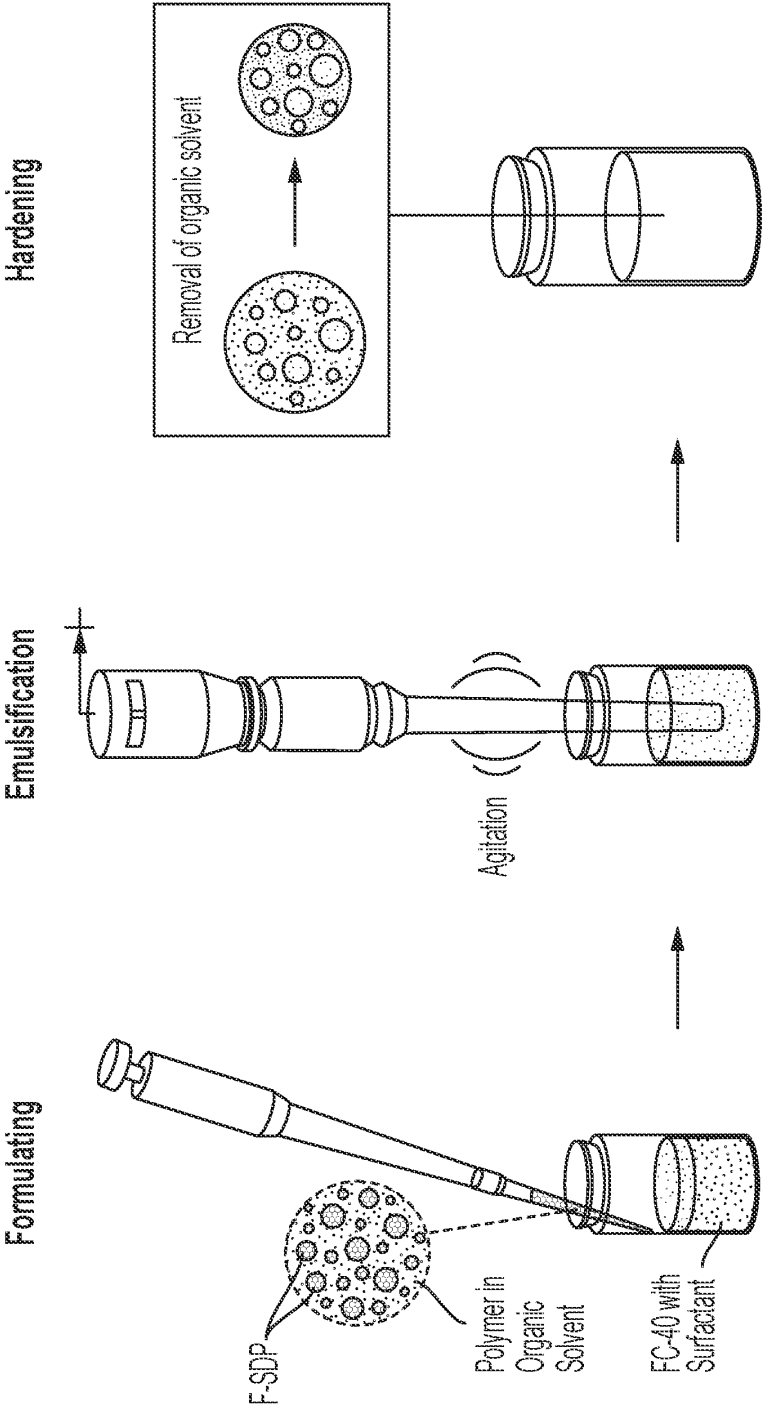


FIG. 4

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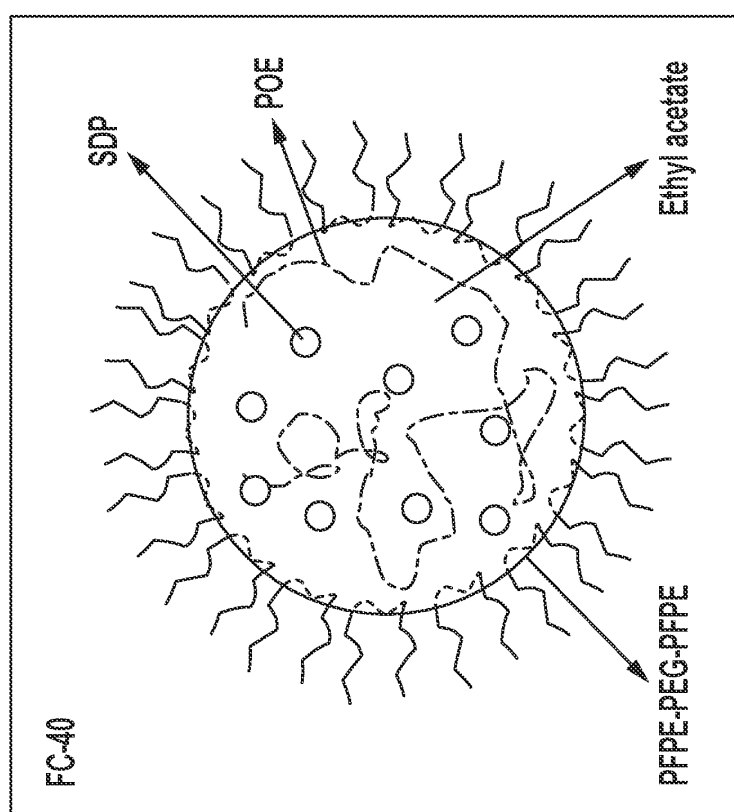


FIG. 5

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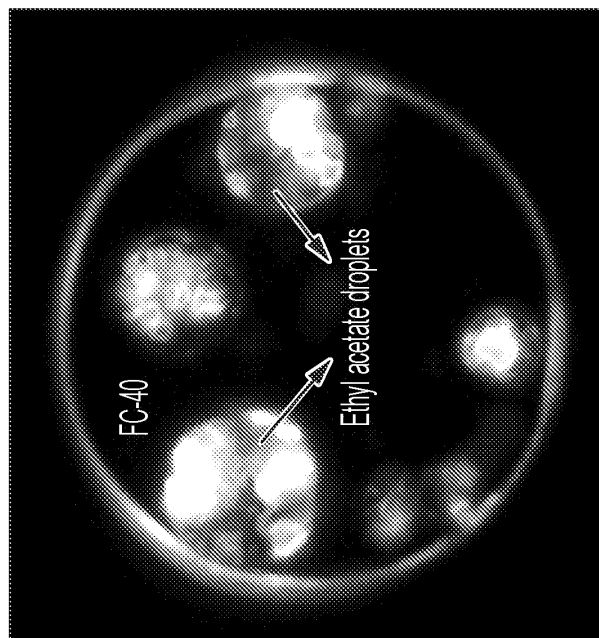


FIG. 6B

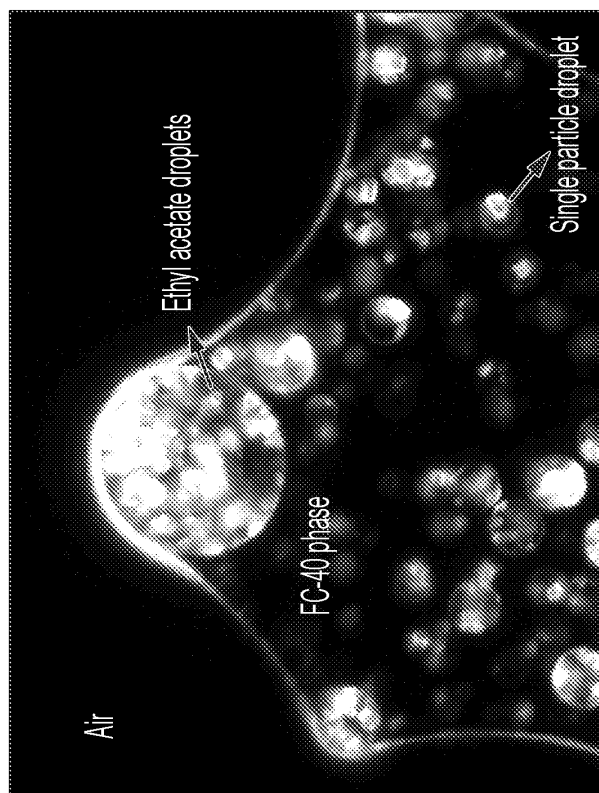


FIG. 6A

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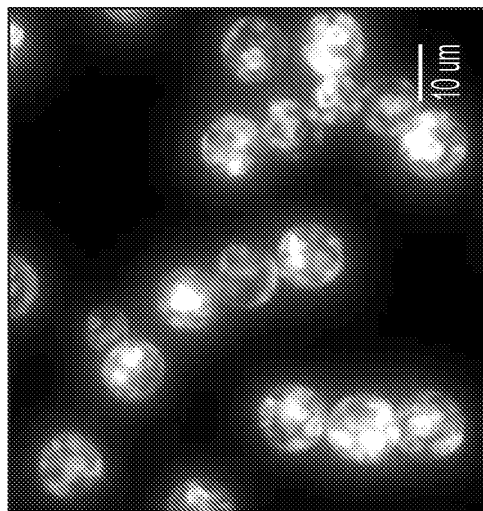


FIG. 7C

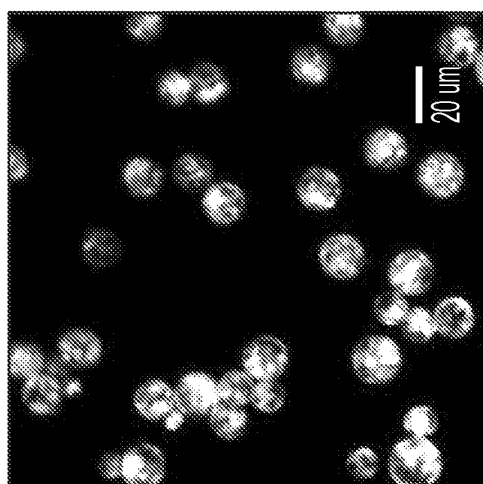


FIG. 7B

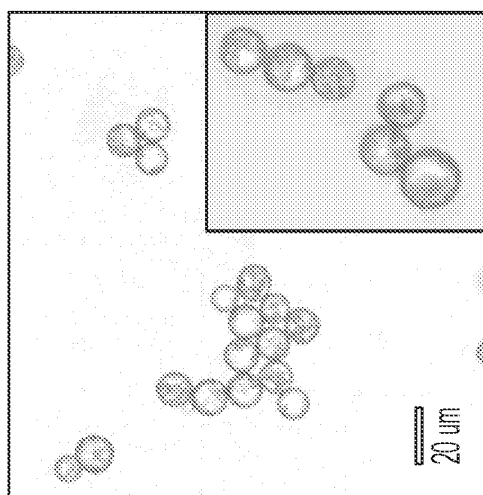


FIG. 7A

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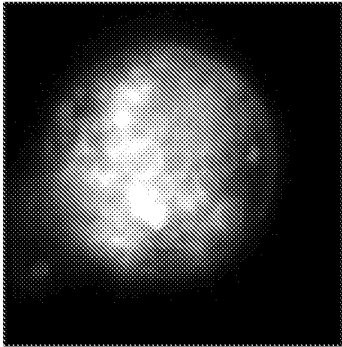
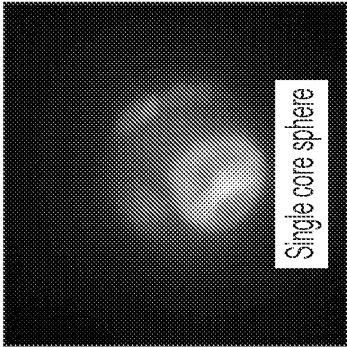


FIG. 8C



Single core sphere

FIG. 8D

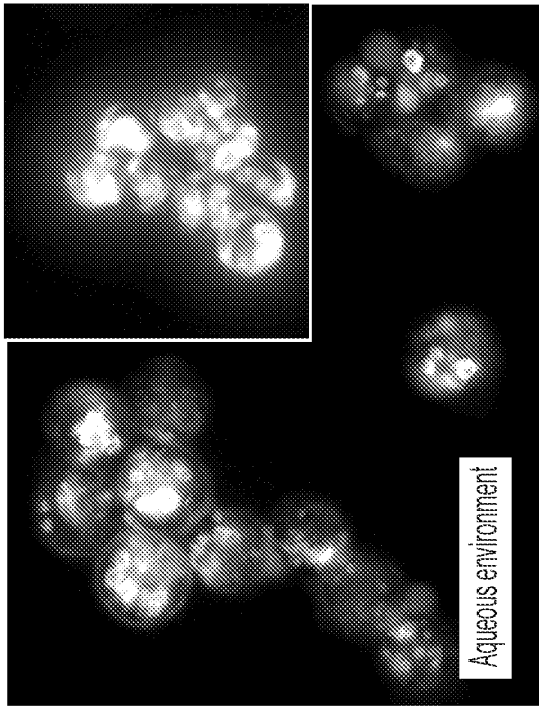


FIG. 8A

Aqueous environment

FIG. 8B

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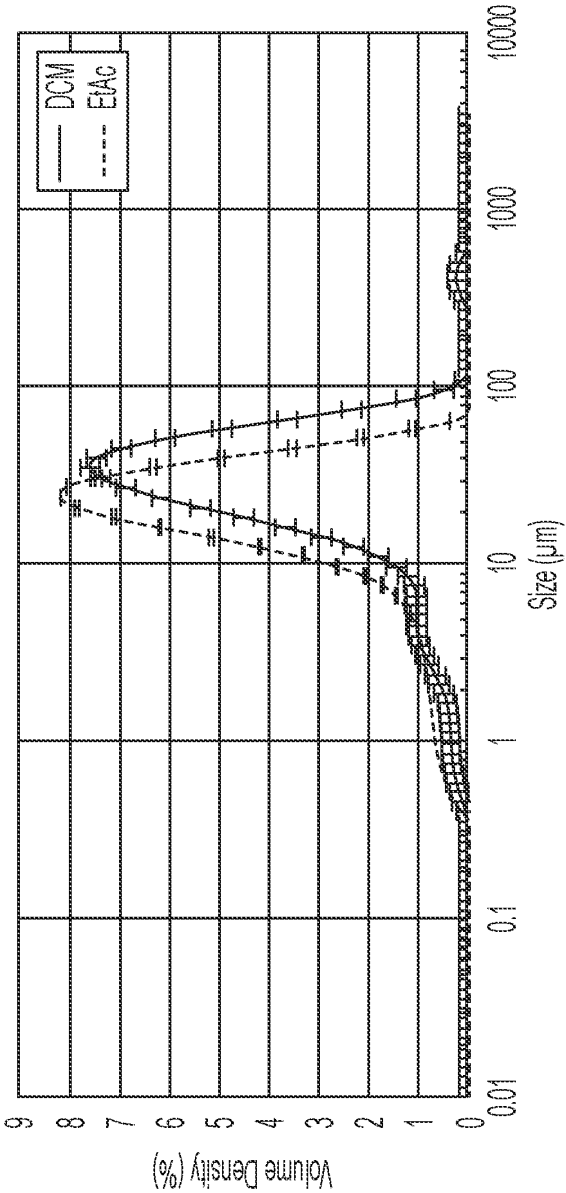


FIG. 9

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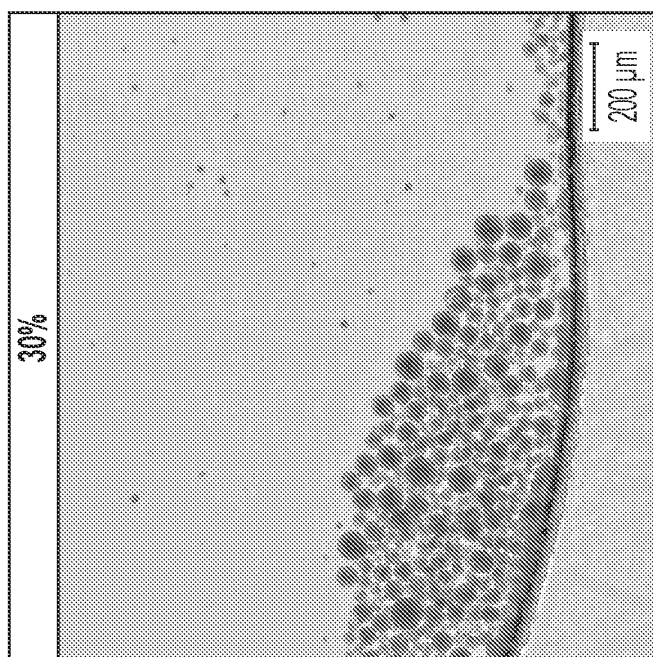


FIG. 10B

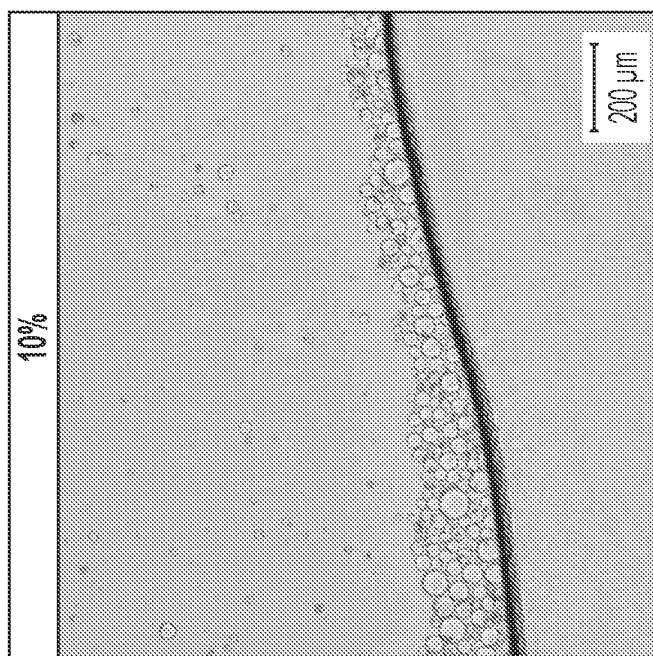


FIG. 10A

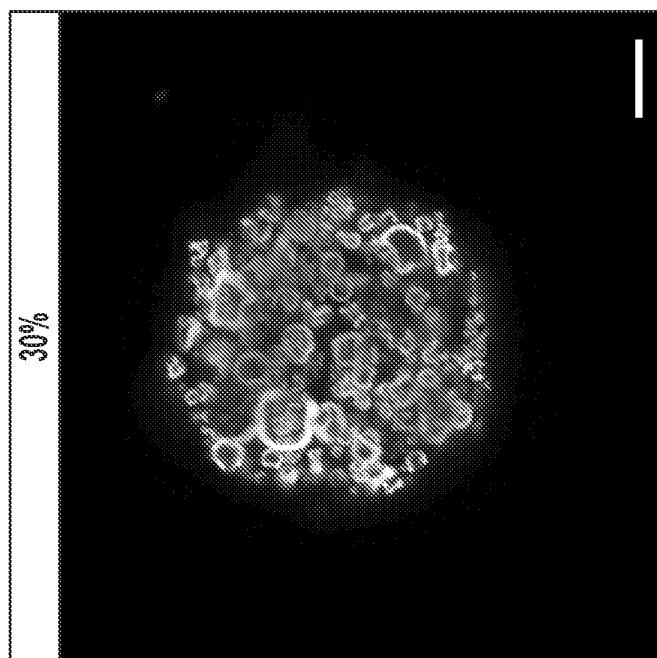


FIG. 11B

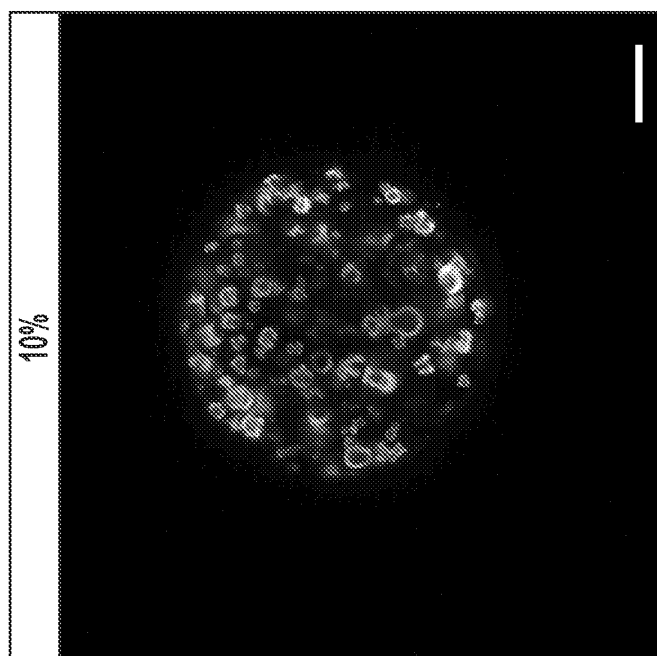


FIG. 11A

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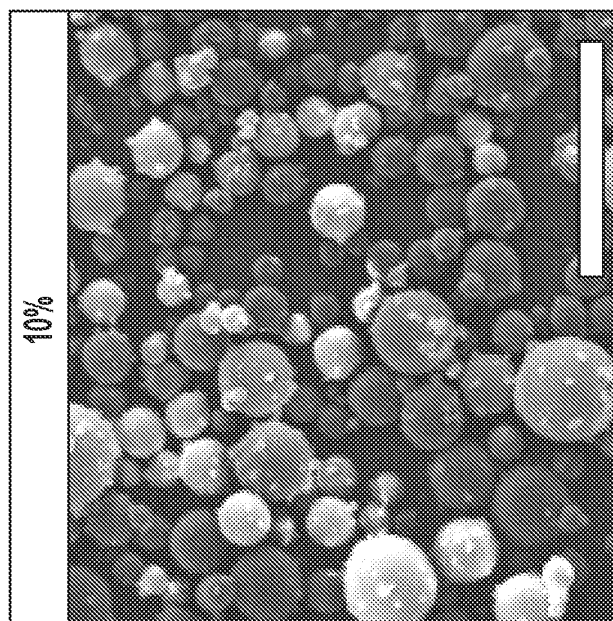


FIG. 12B

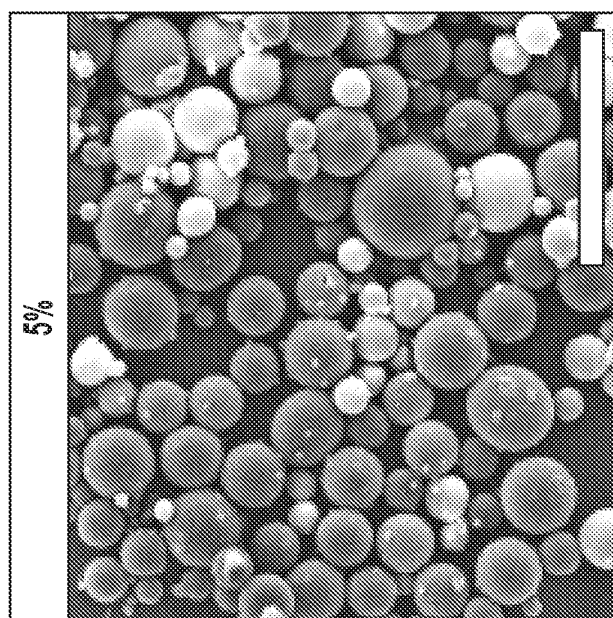


FIG. 12A

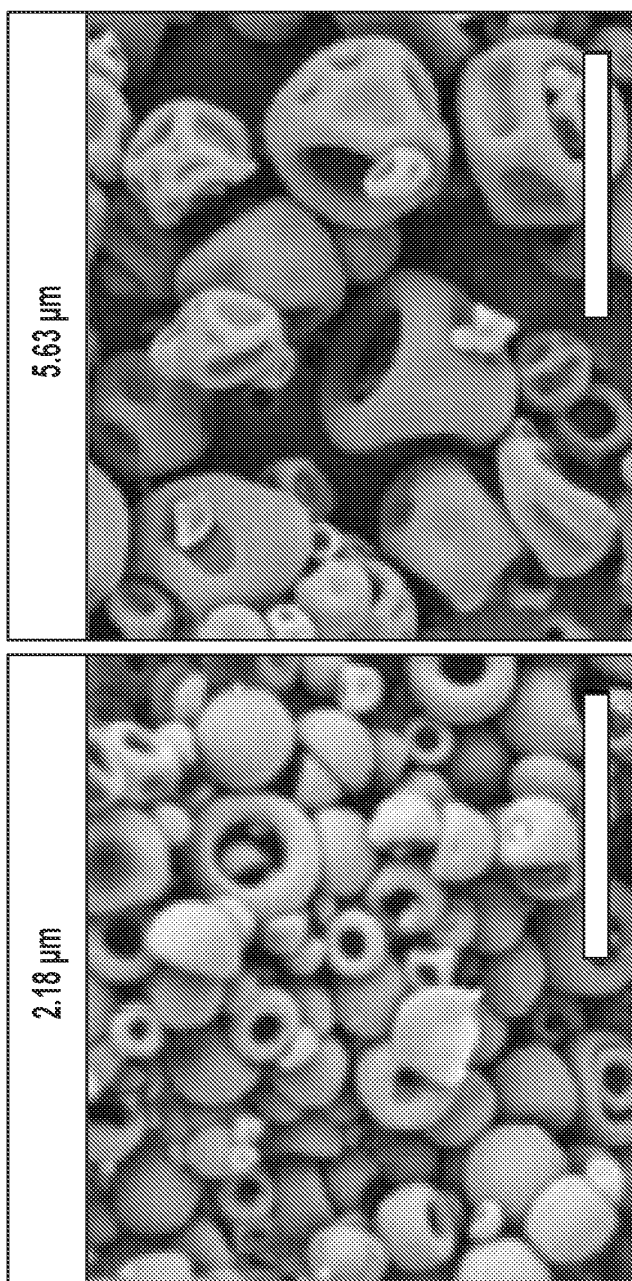
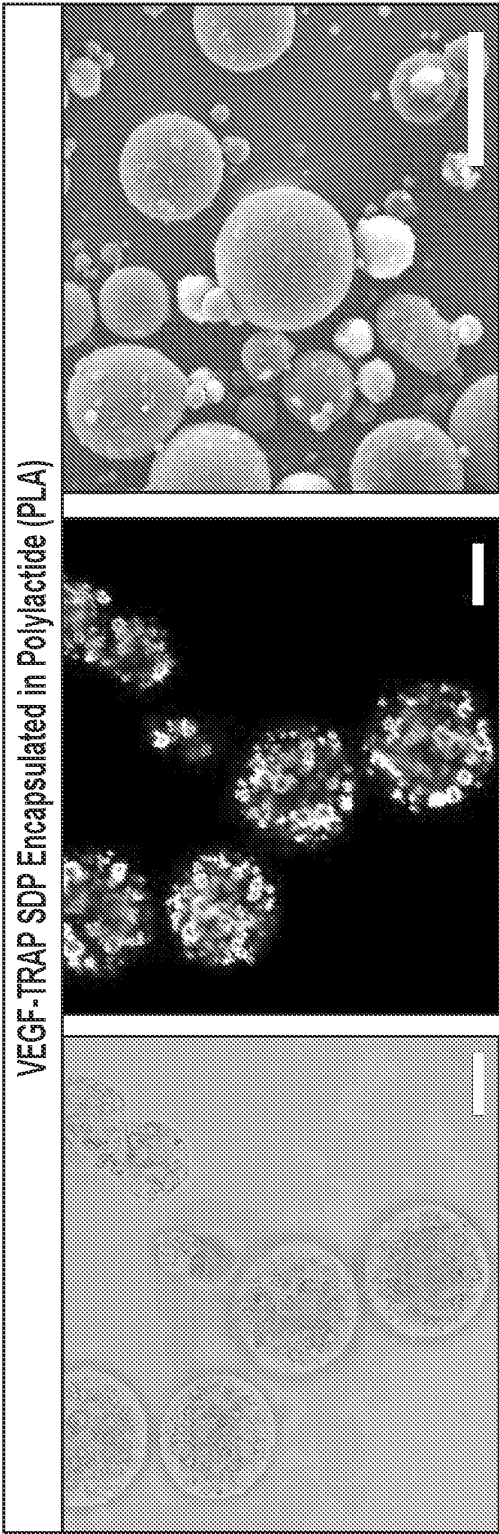


FIG. 13B

FIG. 13A



scale bar: left, middle: 20 μ m / right: 50 μ m

FIG. 14A

FIG. 14B

FIG. 14C

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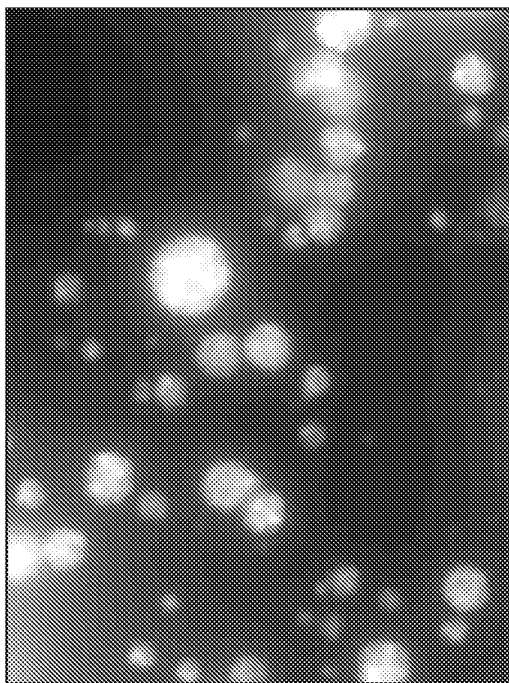


FIG. 15B

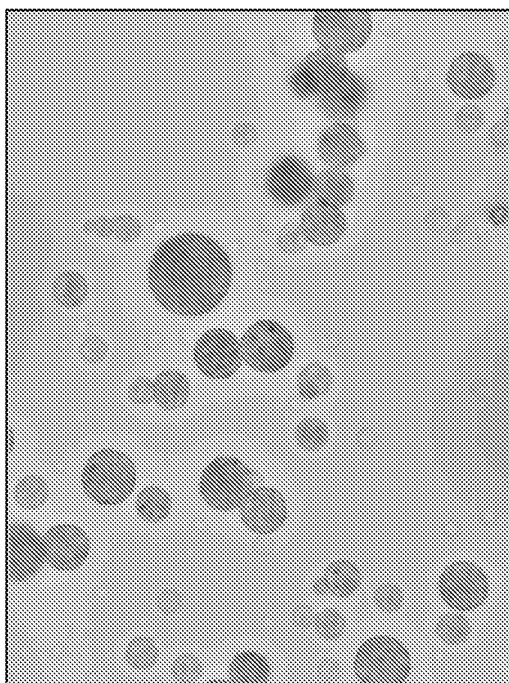


FIG. 15A

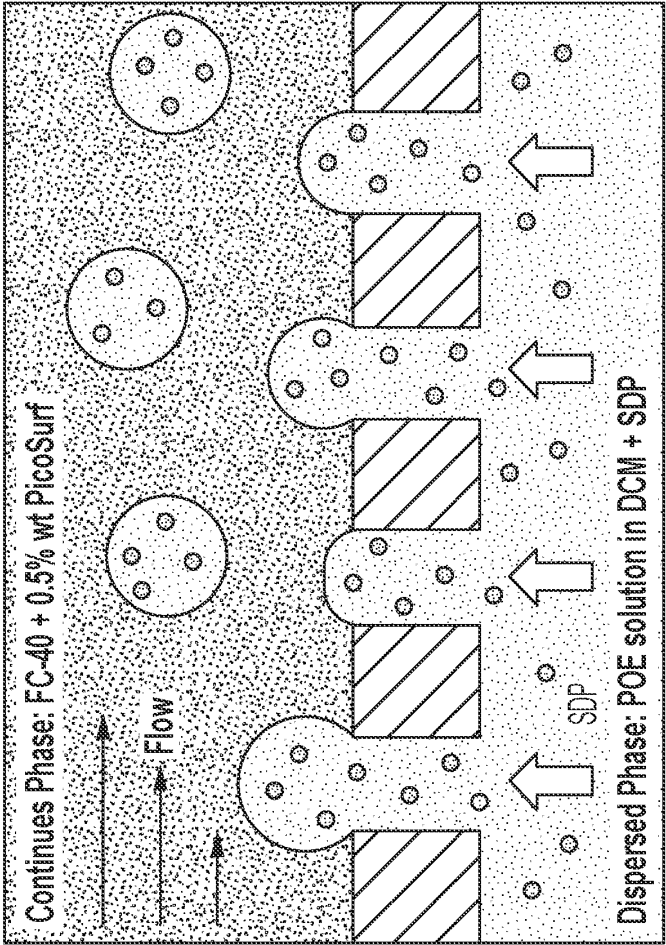


FIG. 16

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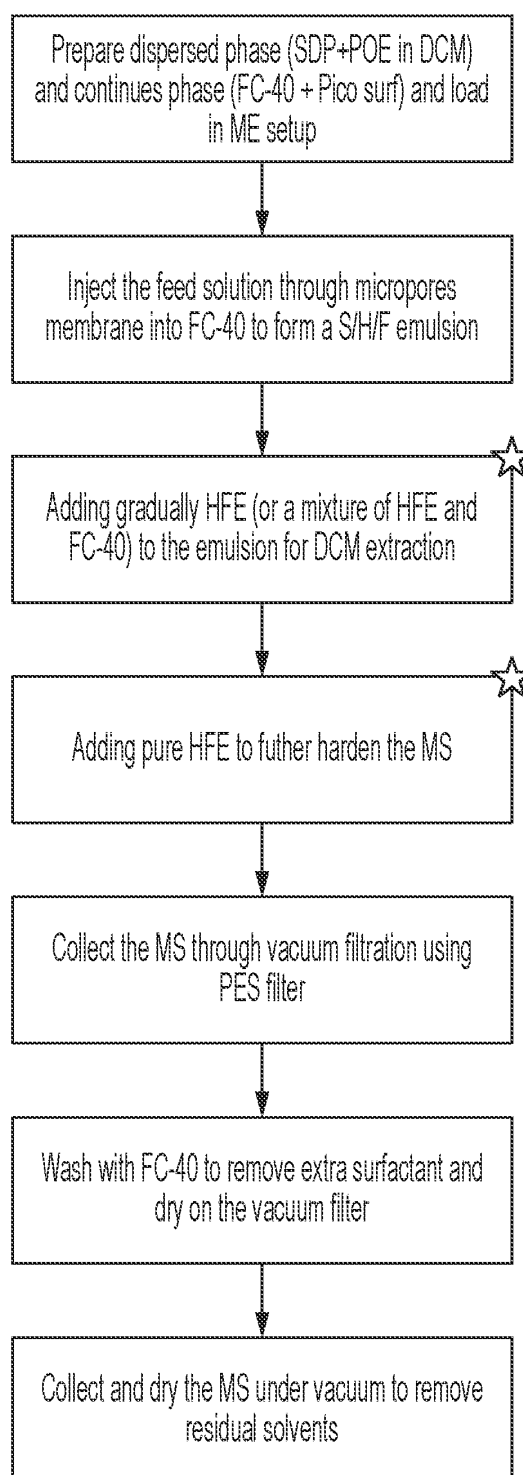


FIG. 17

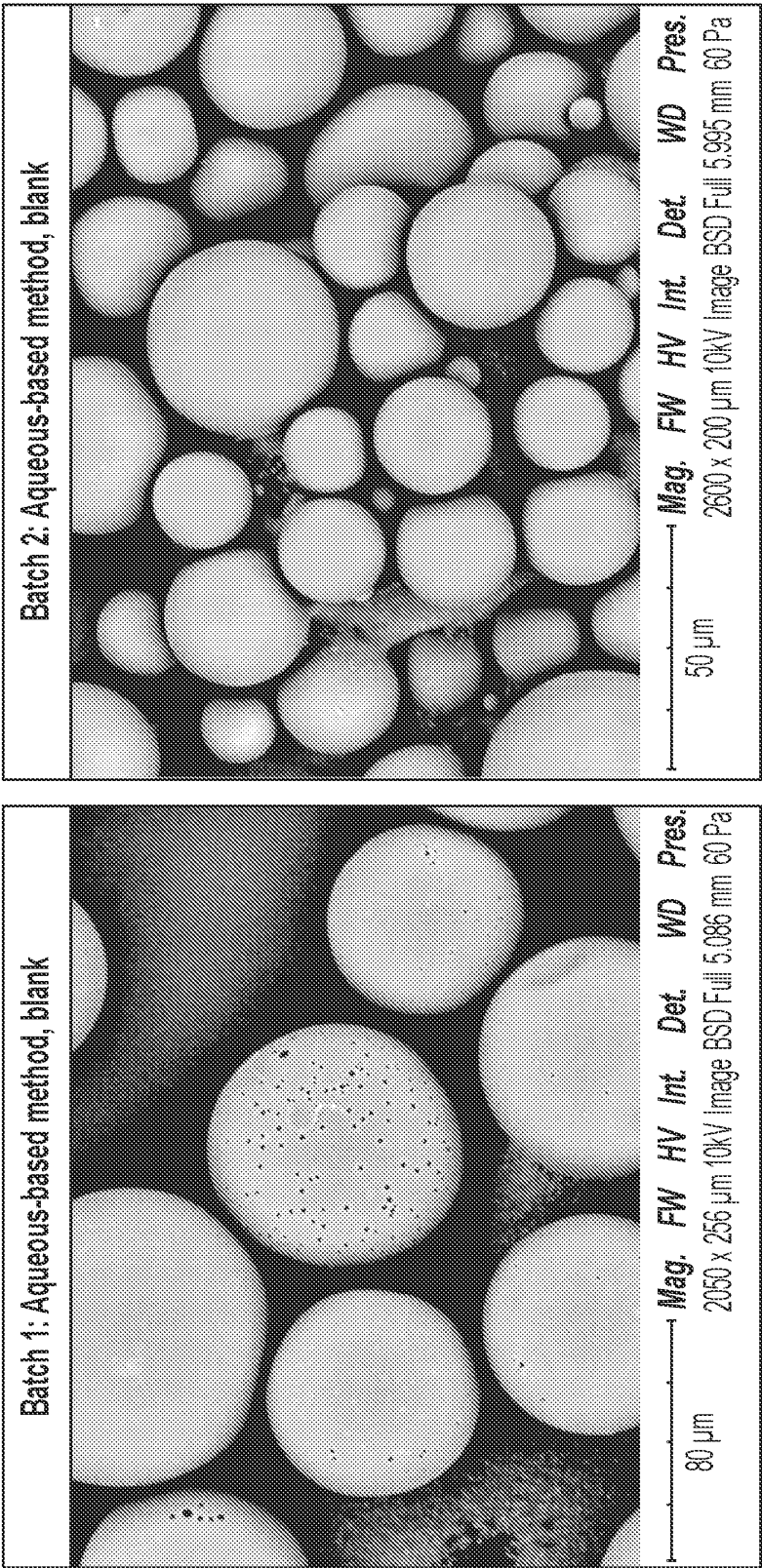


FIG. 18

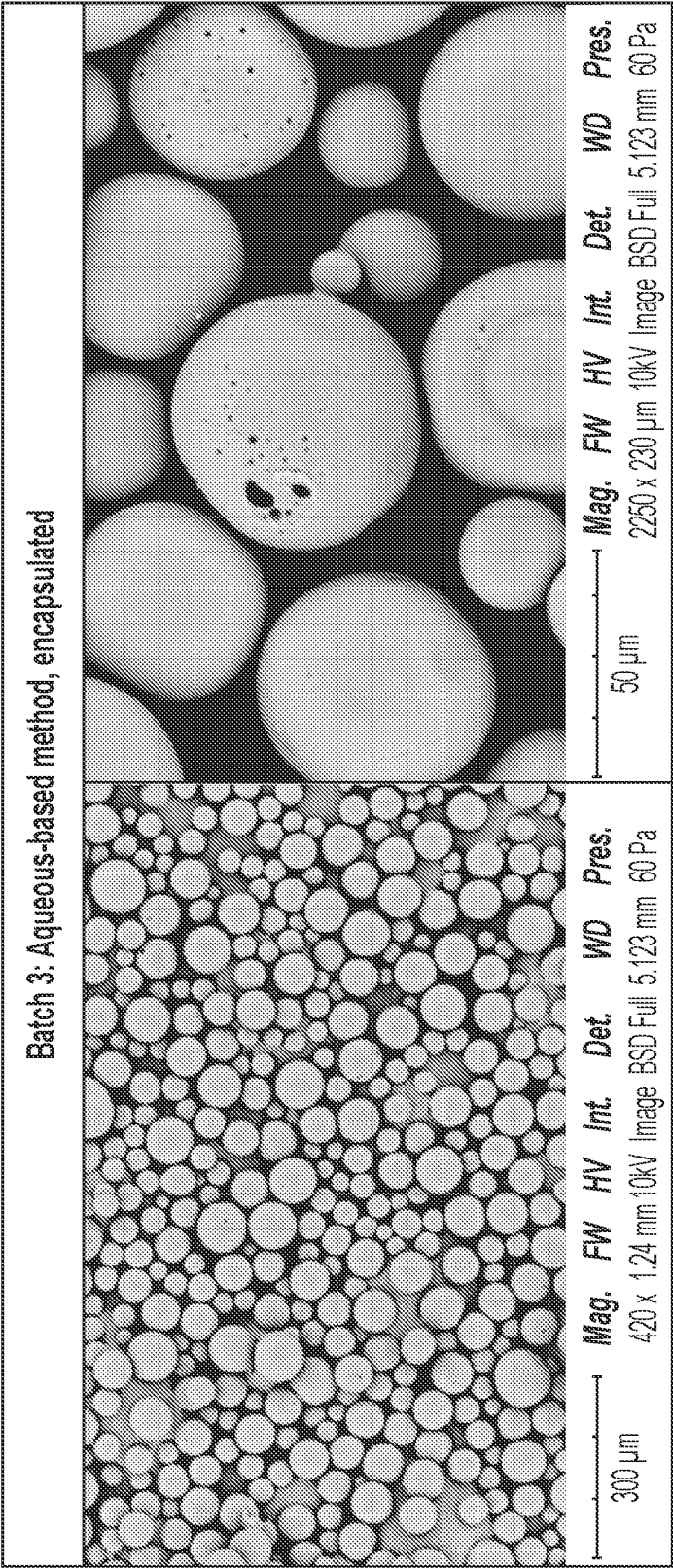


FIG. 19

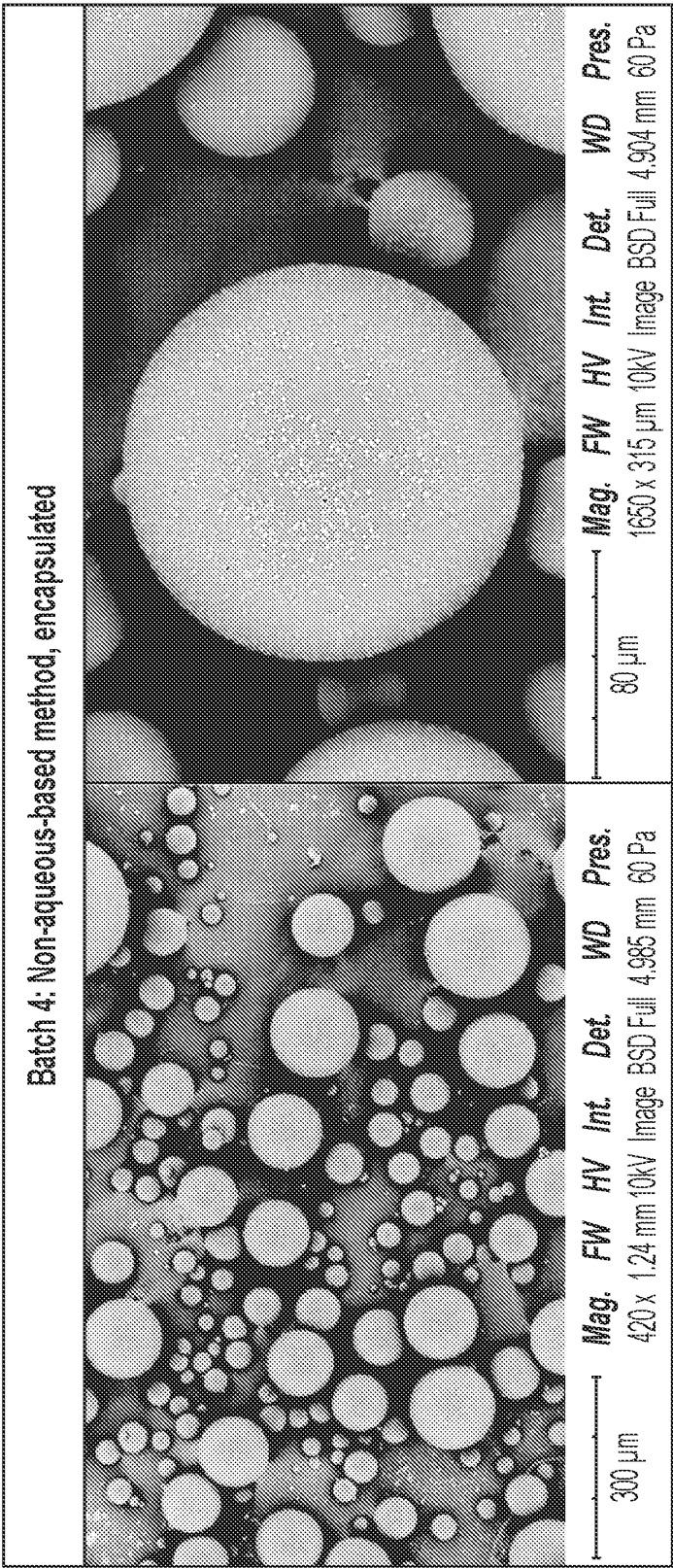


FIG. 19
CONTINUED

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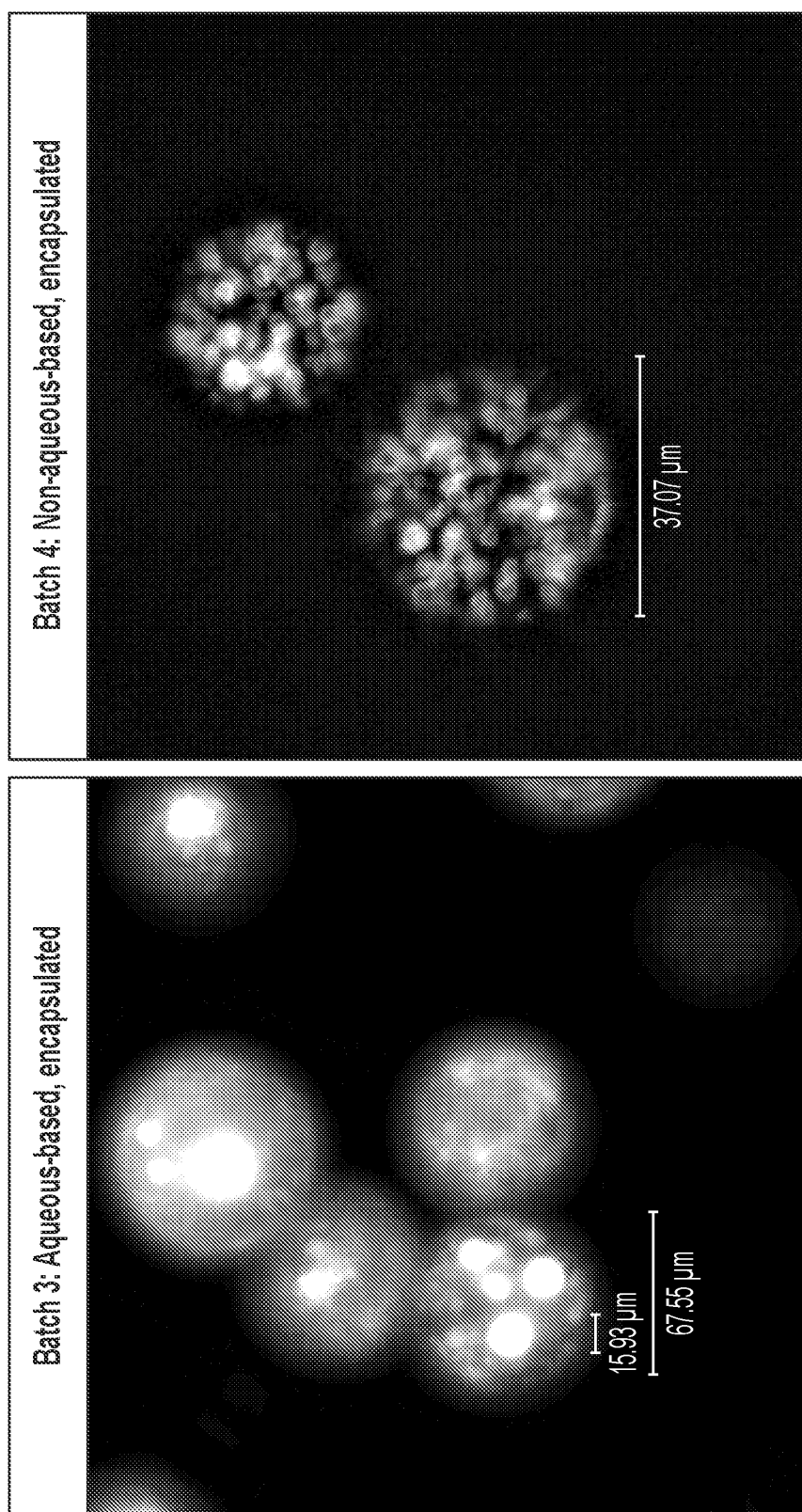


FIG. 20