

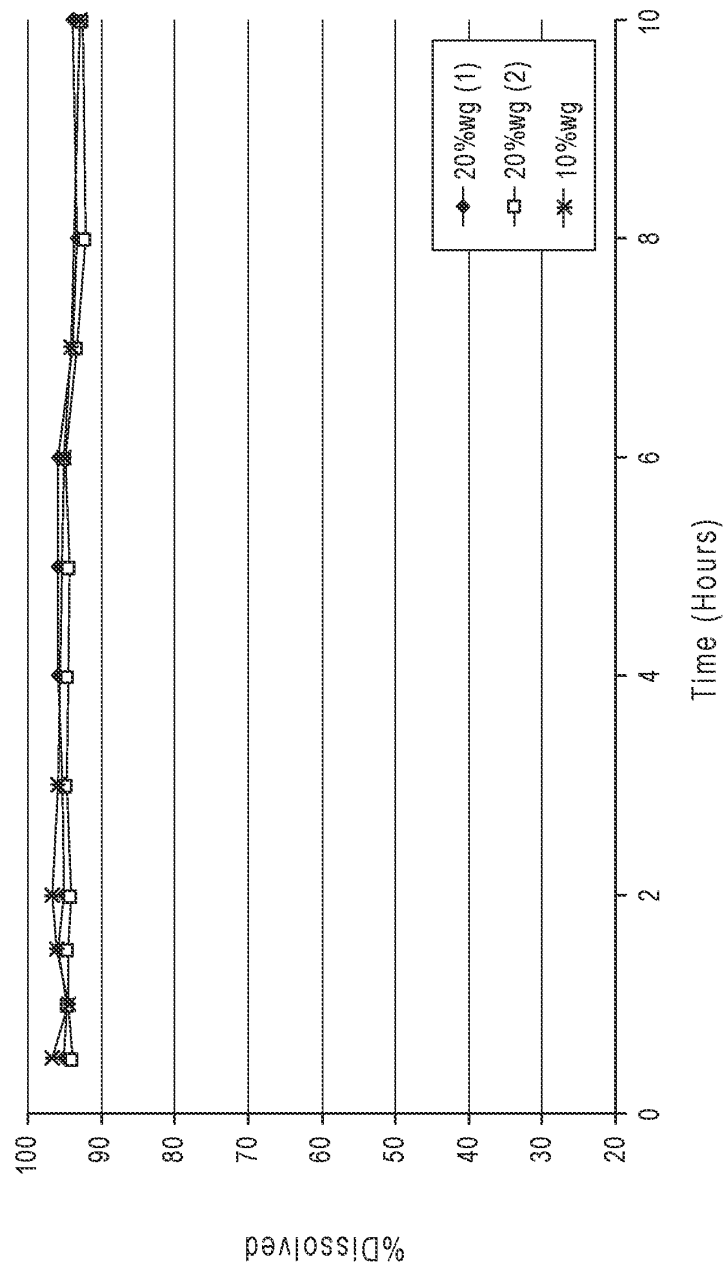


FIG. 1

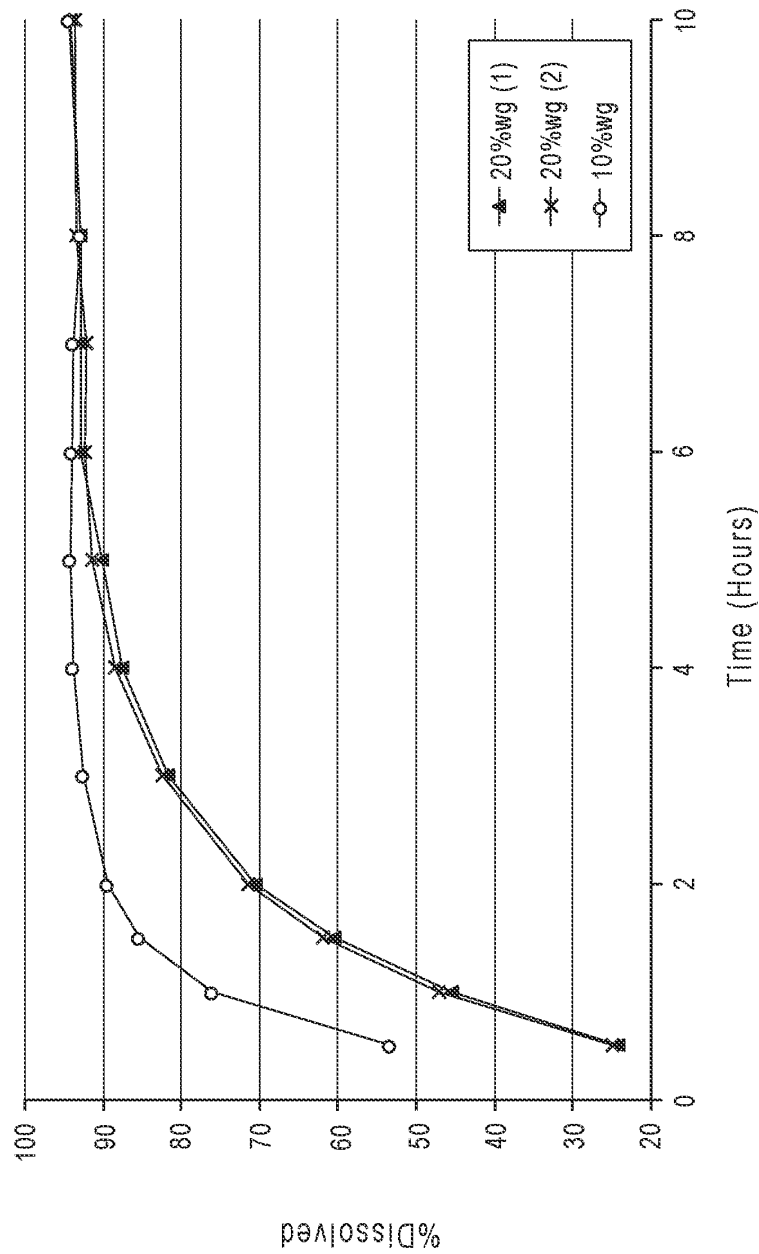


FIG. 2

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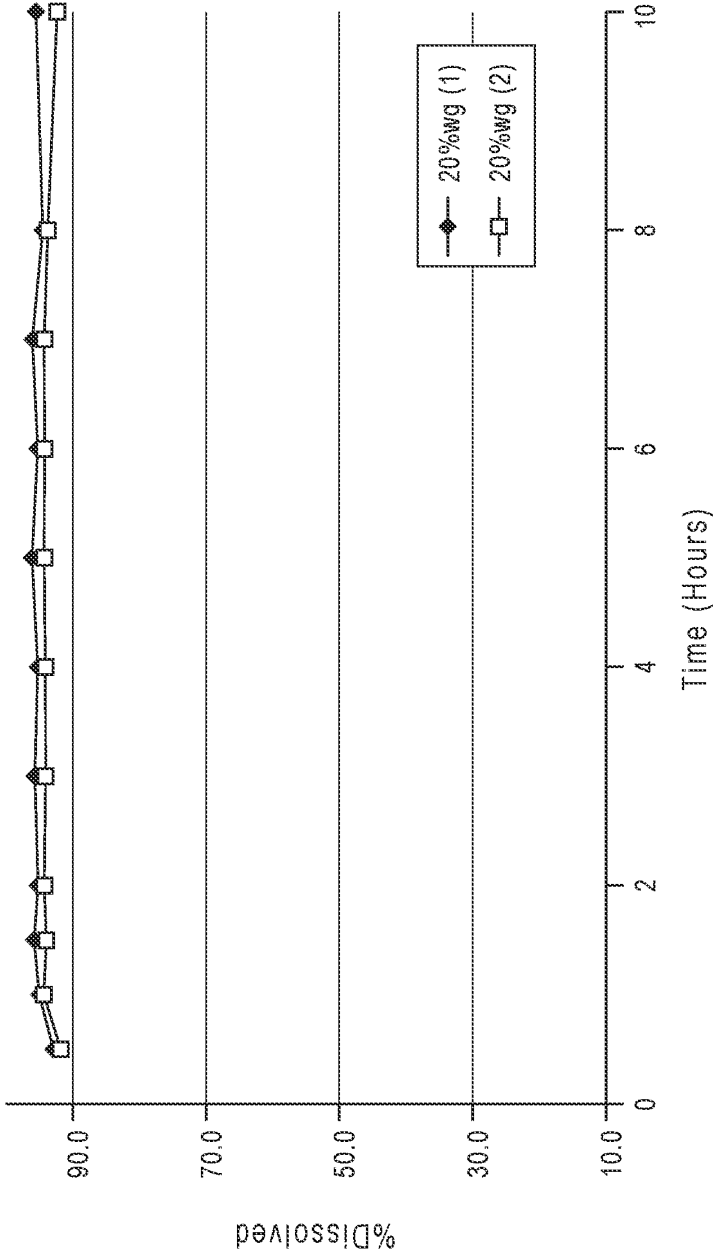


FIG. 3

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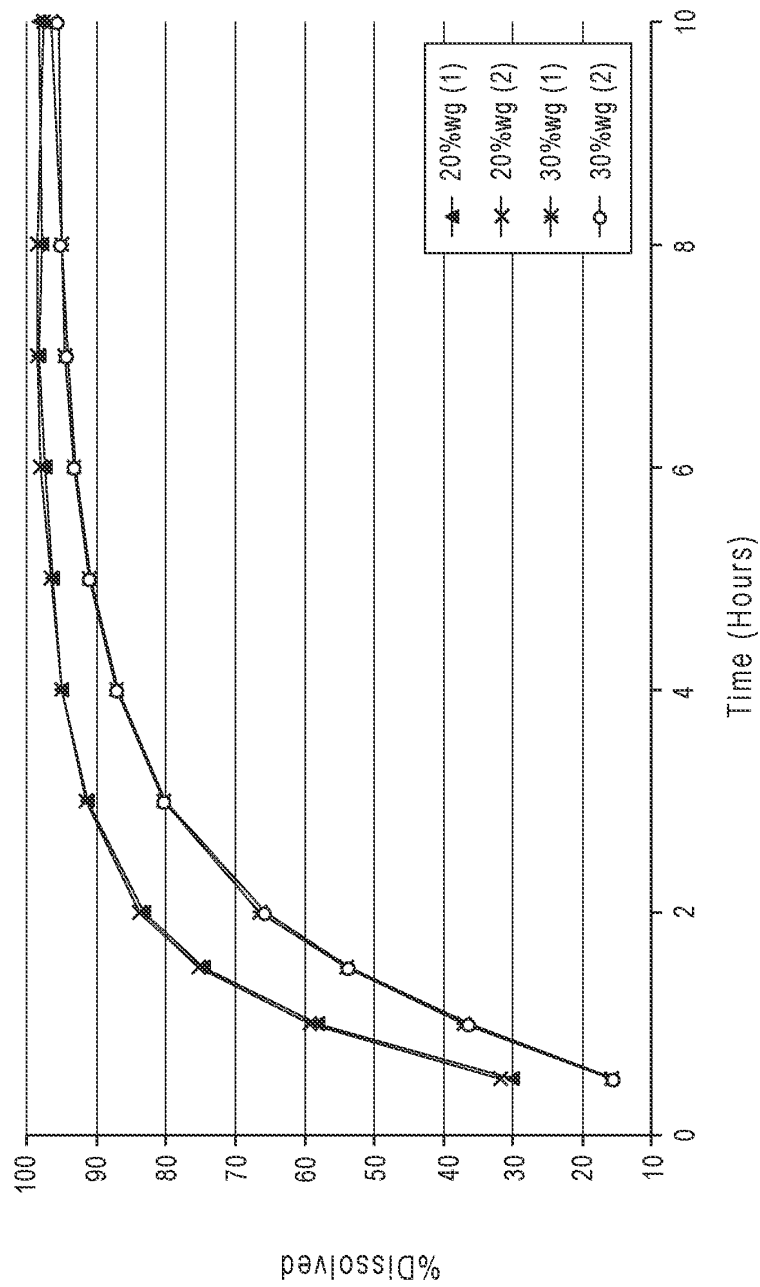


FIG. 4

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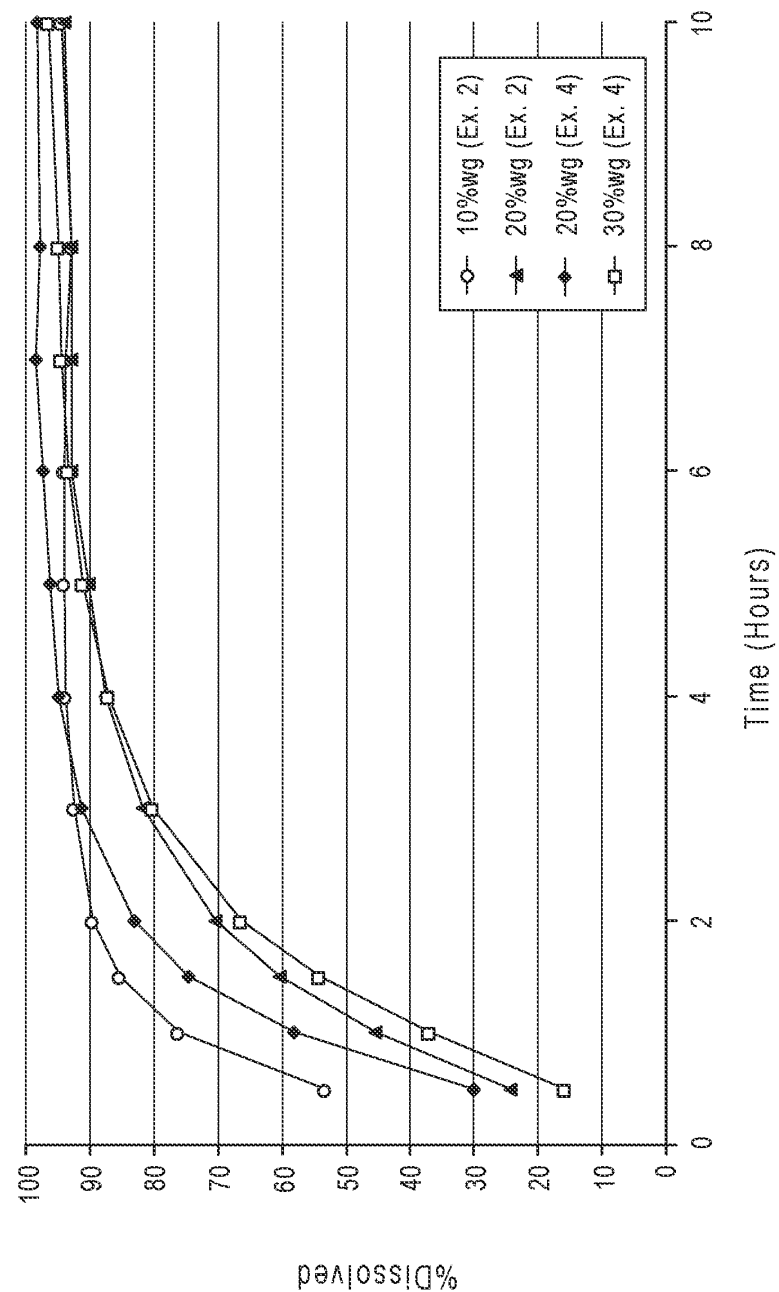


FIG. 5

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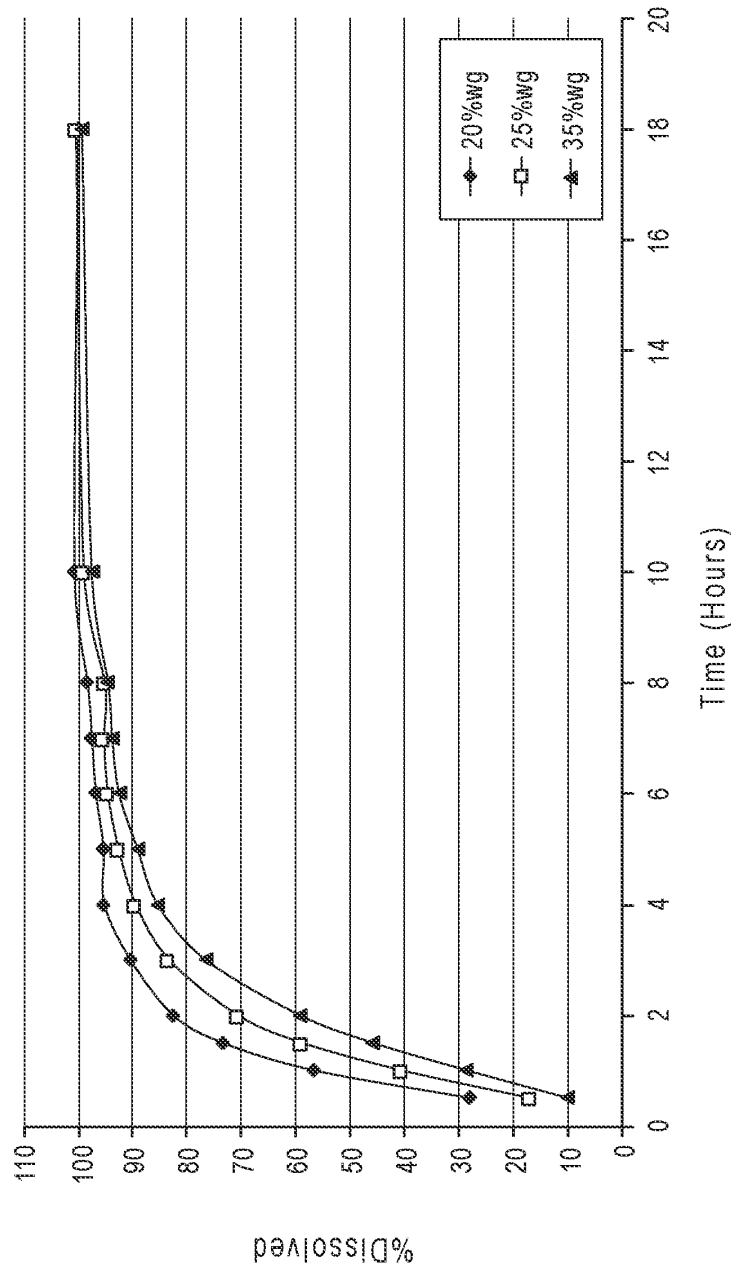


FIG. 6

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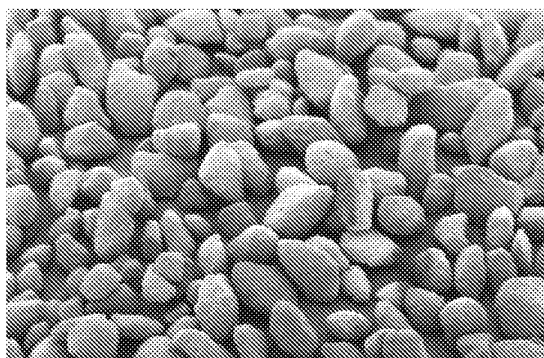


FIG. 7A

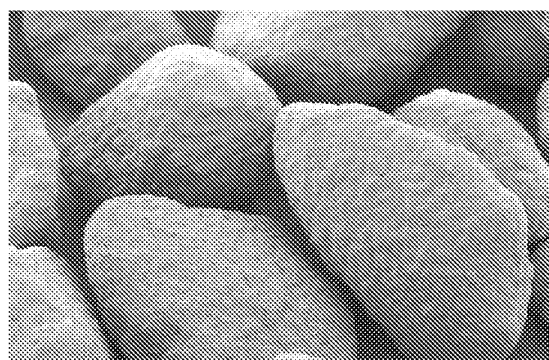


FIG. 7B

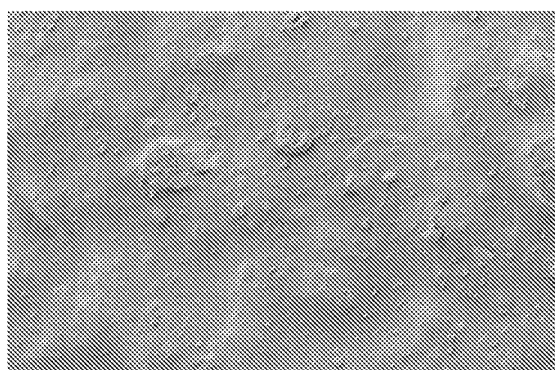


FIG. 7C

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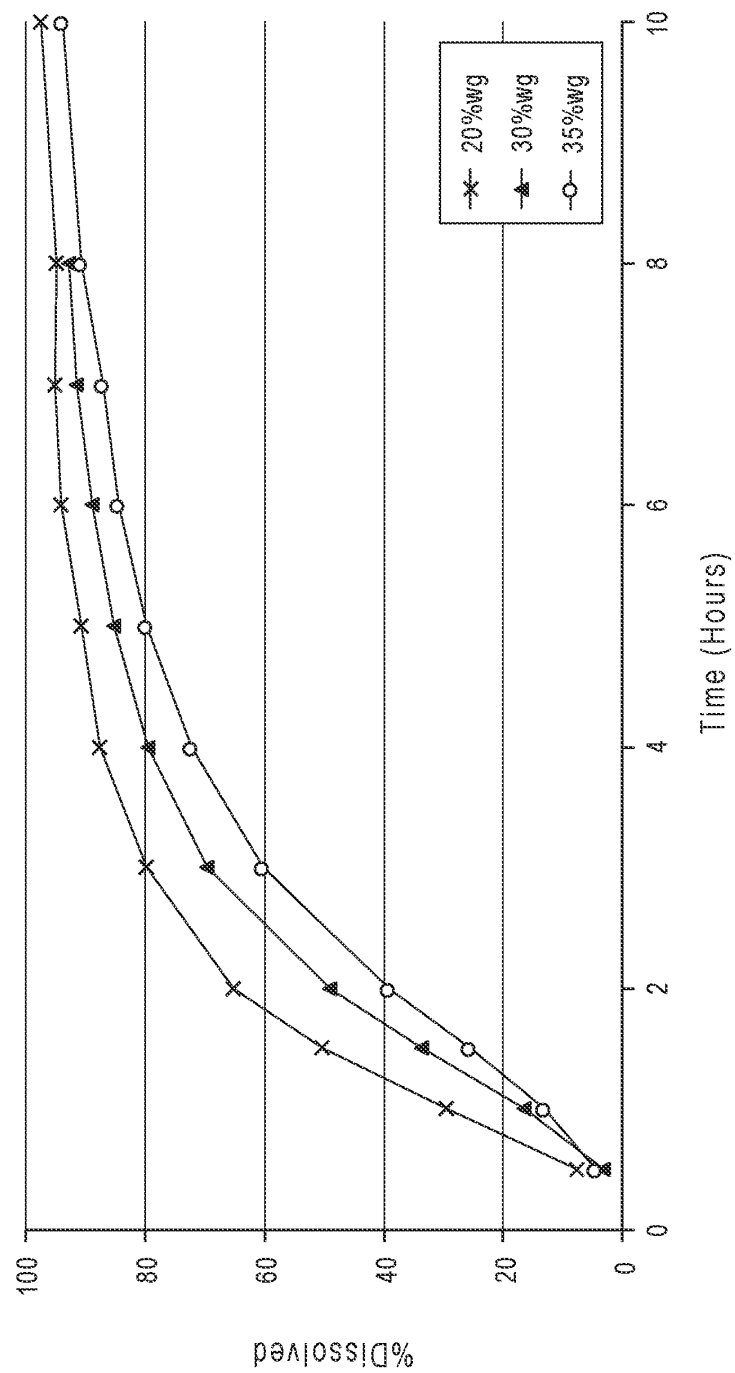


FIG. 8

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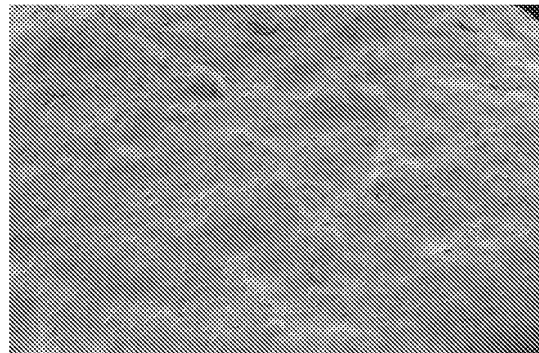


FIG. 9A 50 μm

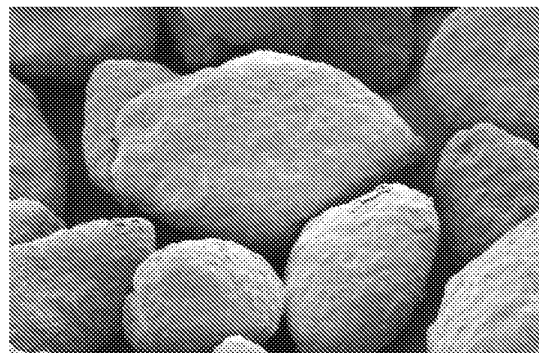


FIG. 9B 200 μm

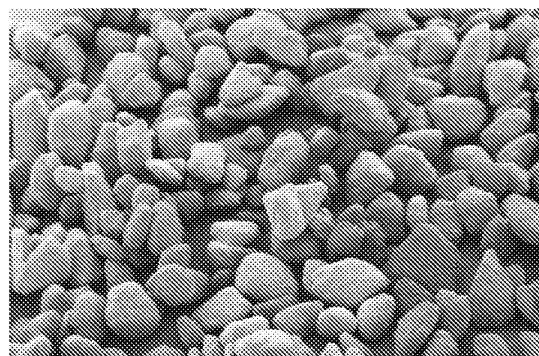


FIG. 9C 2 mm

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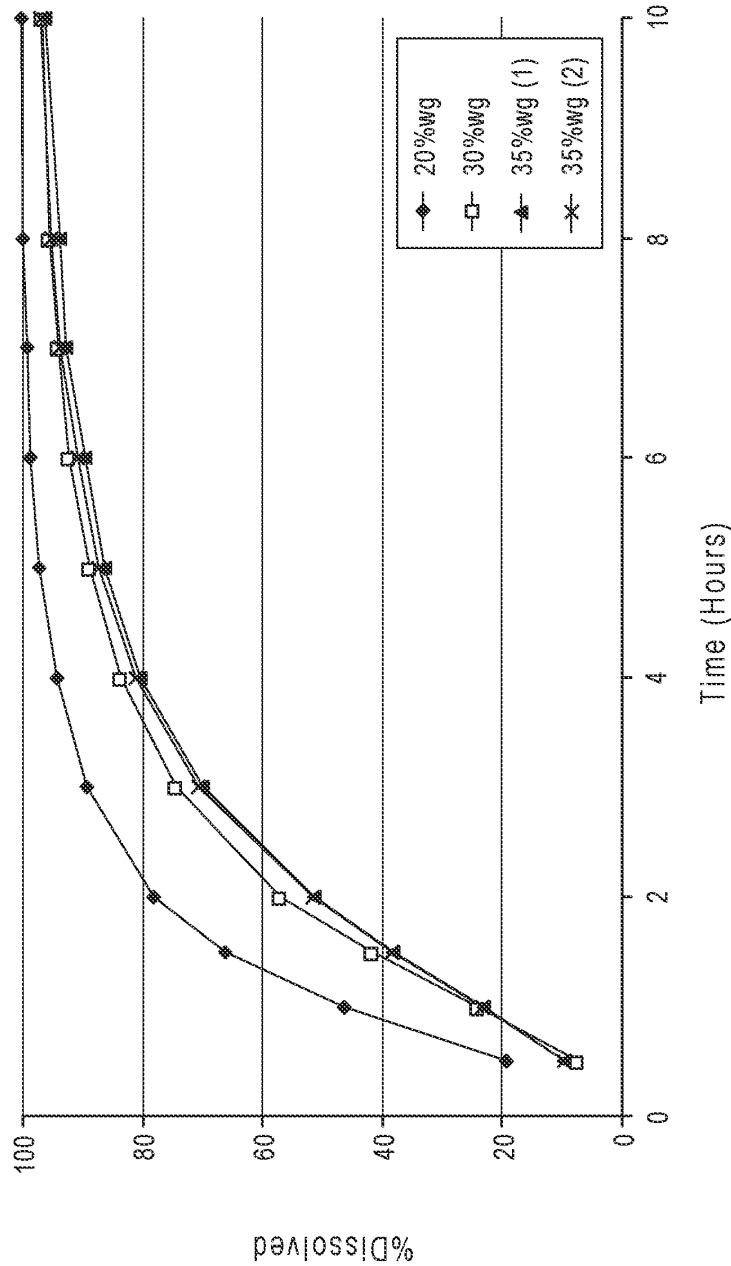


FIG. 10

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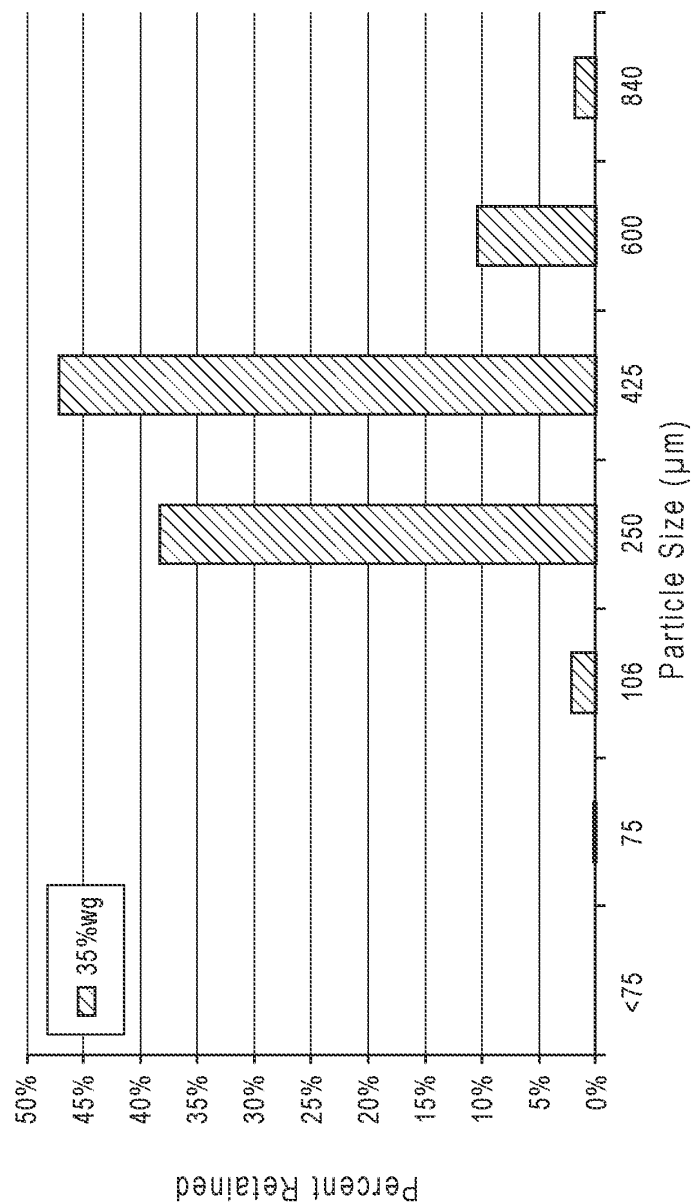


FIG. 11

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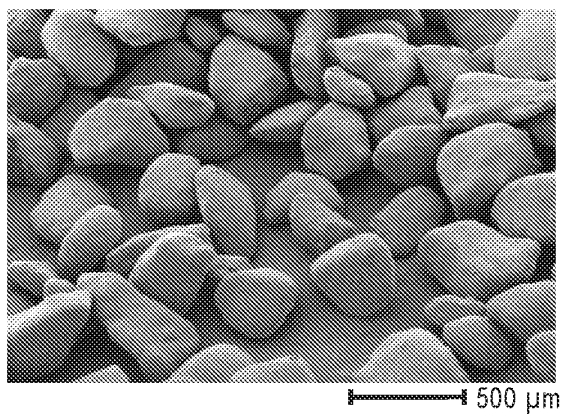


FIG. 12A

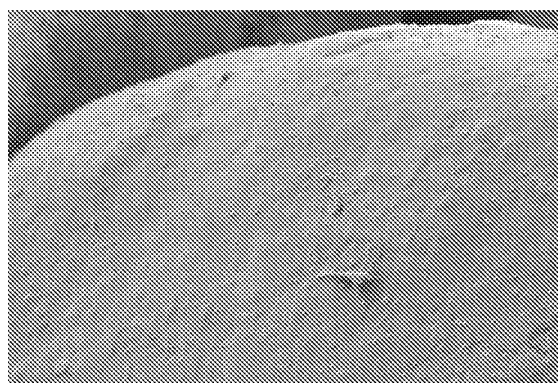


FIG. 12B

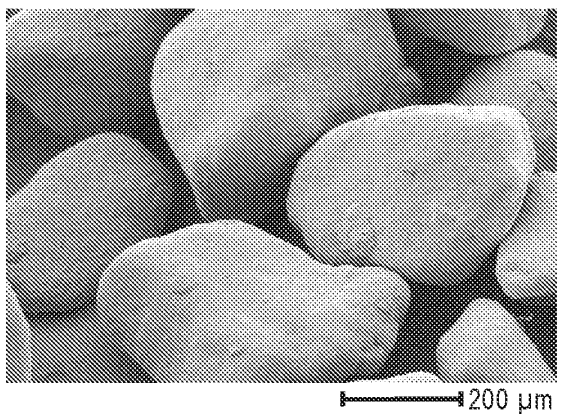


FIG. 12C

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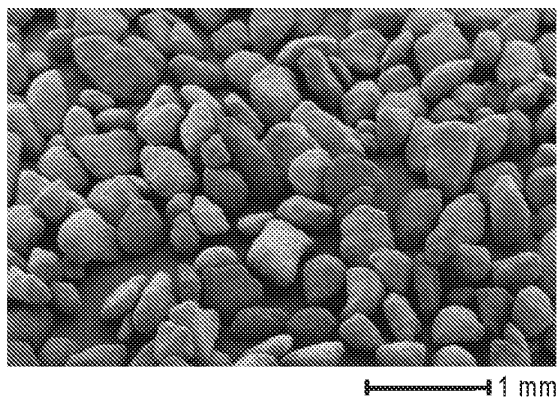


FIG. 13A

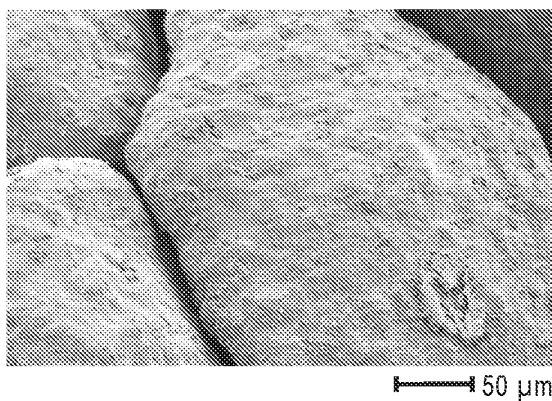


FIG. 13B

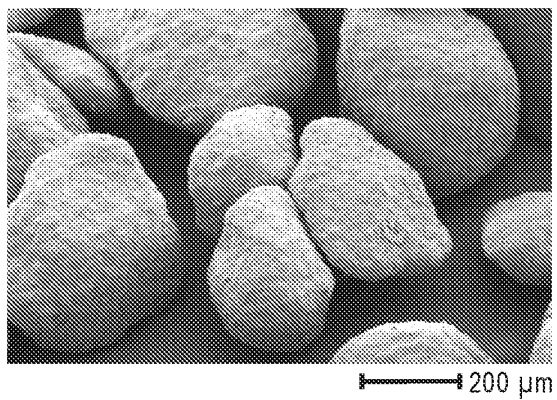


FIG. 13C

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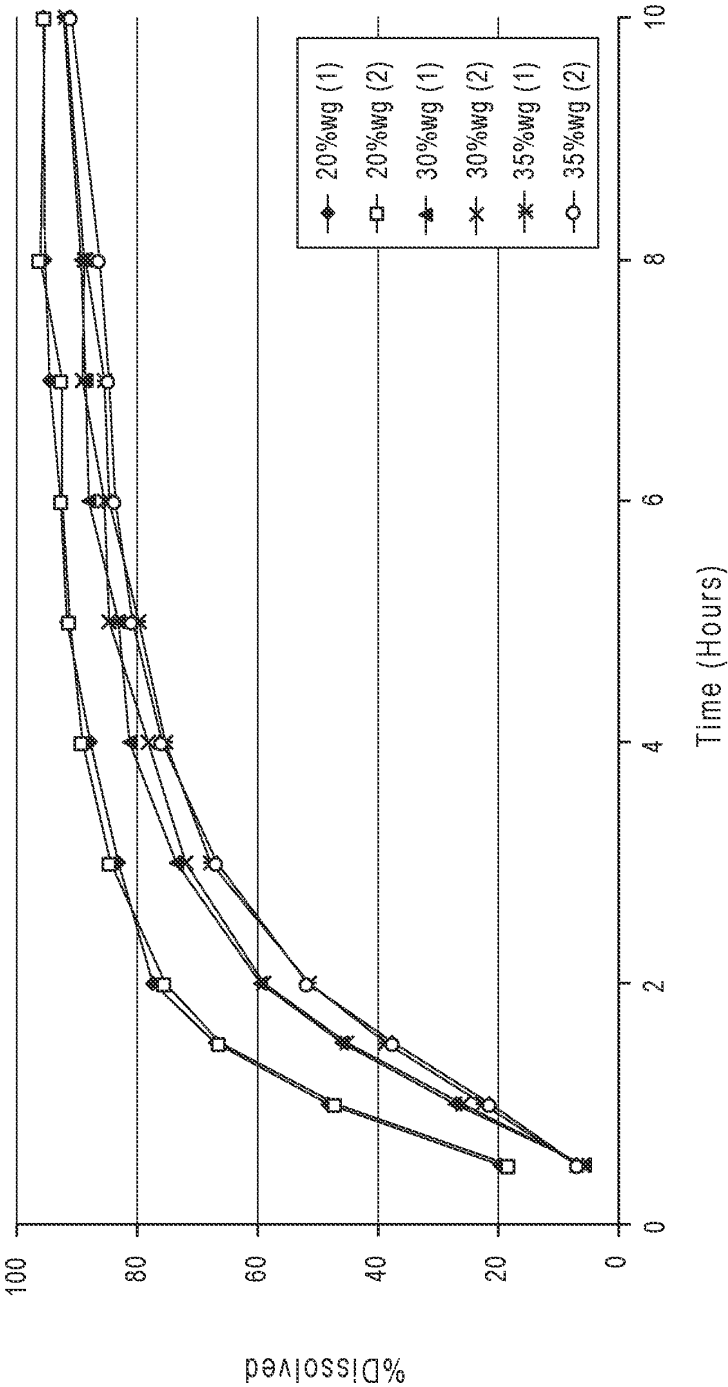


FIG. 14

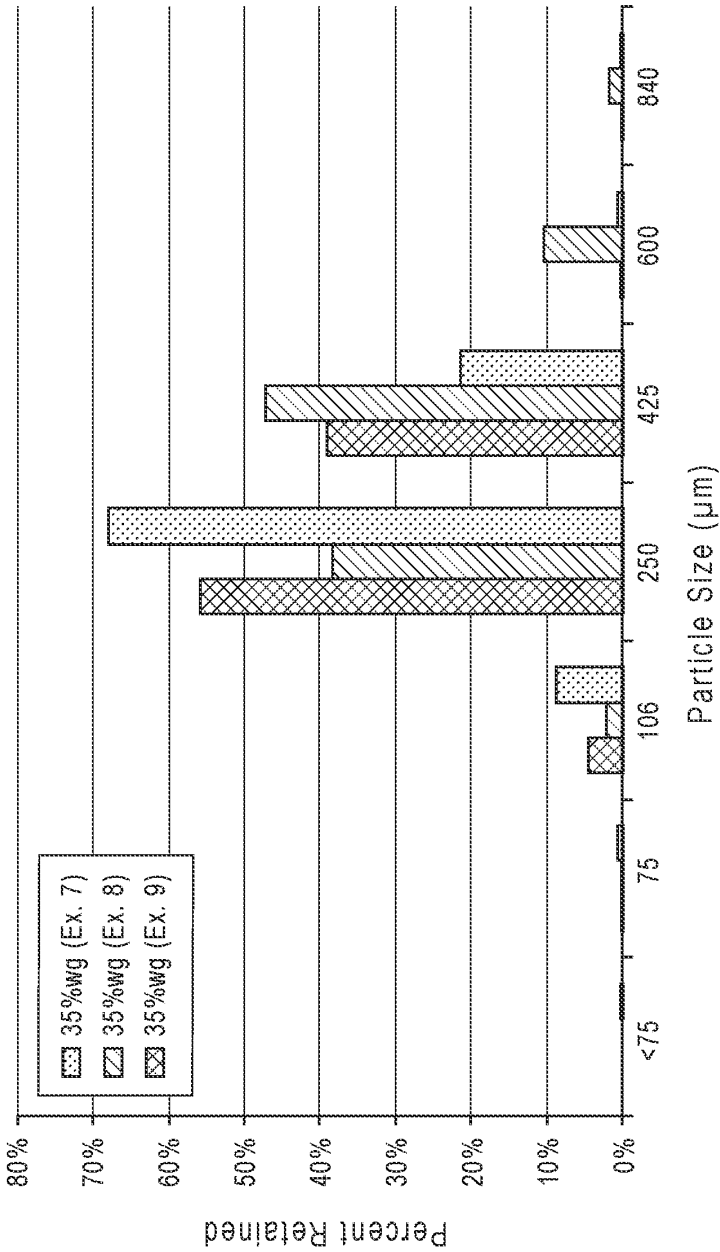


FIG. 15

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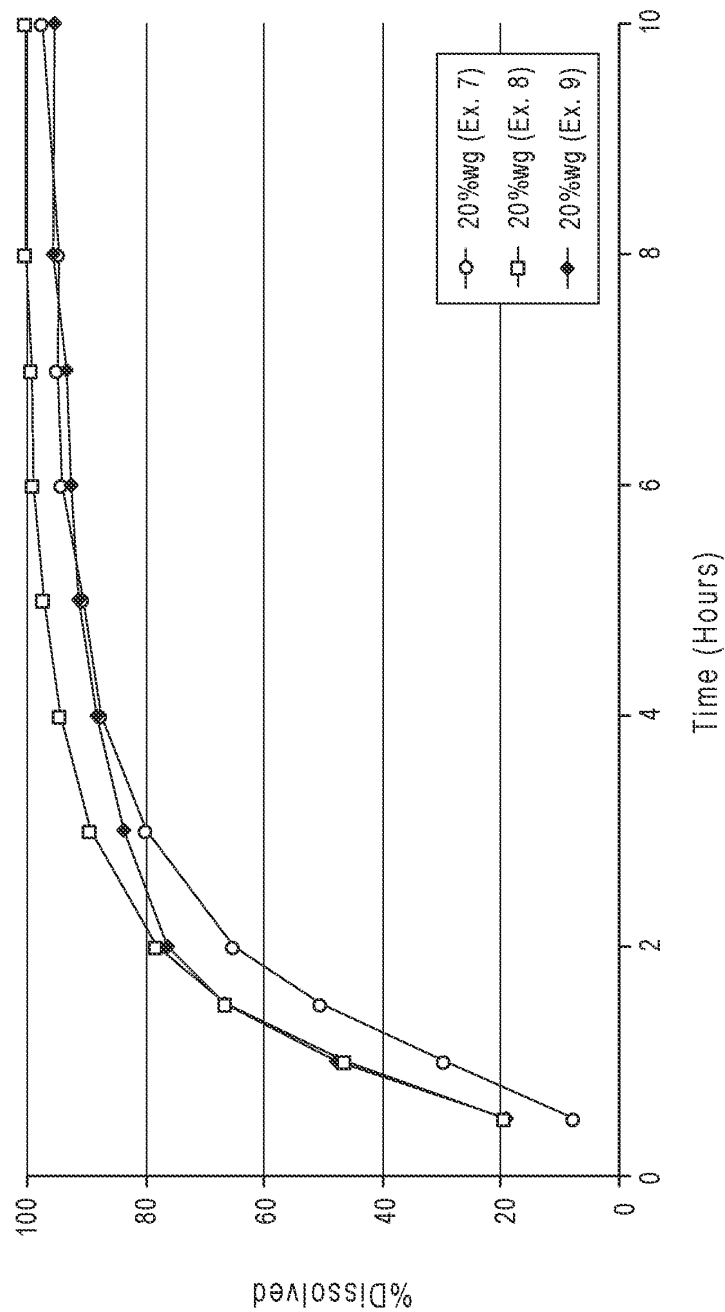


FIG. 16

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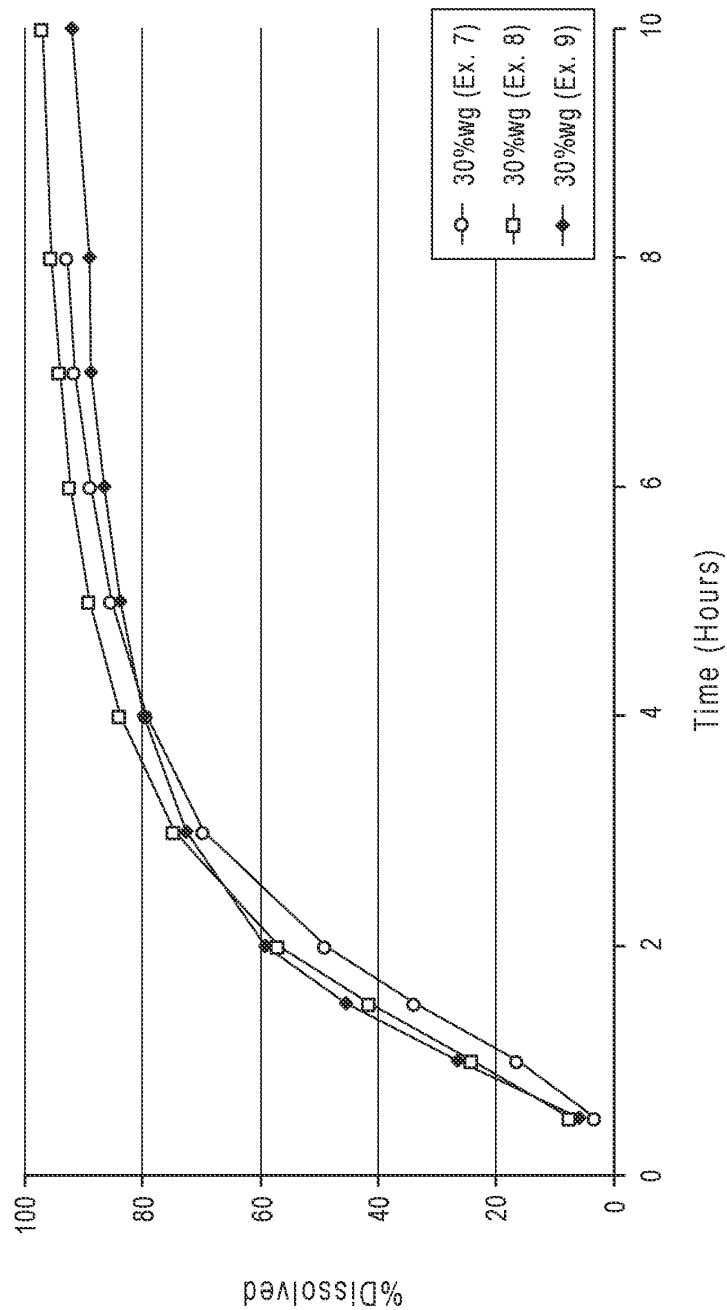


FIG. 17

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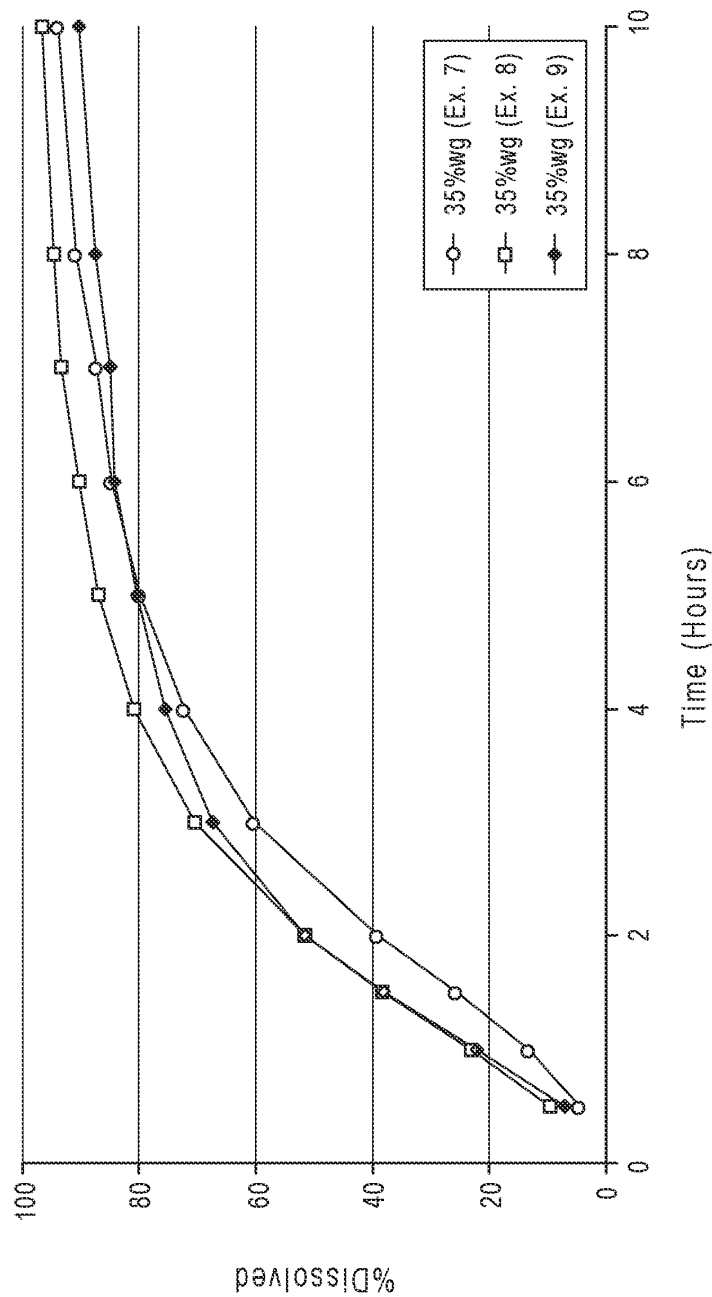


FIG. 18

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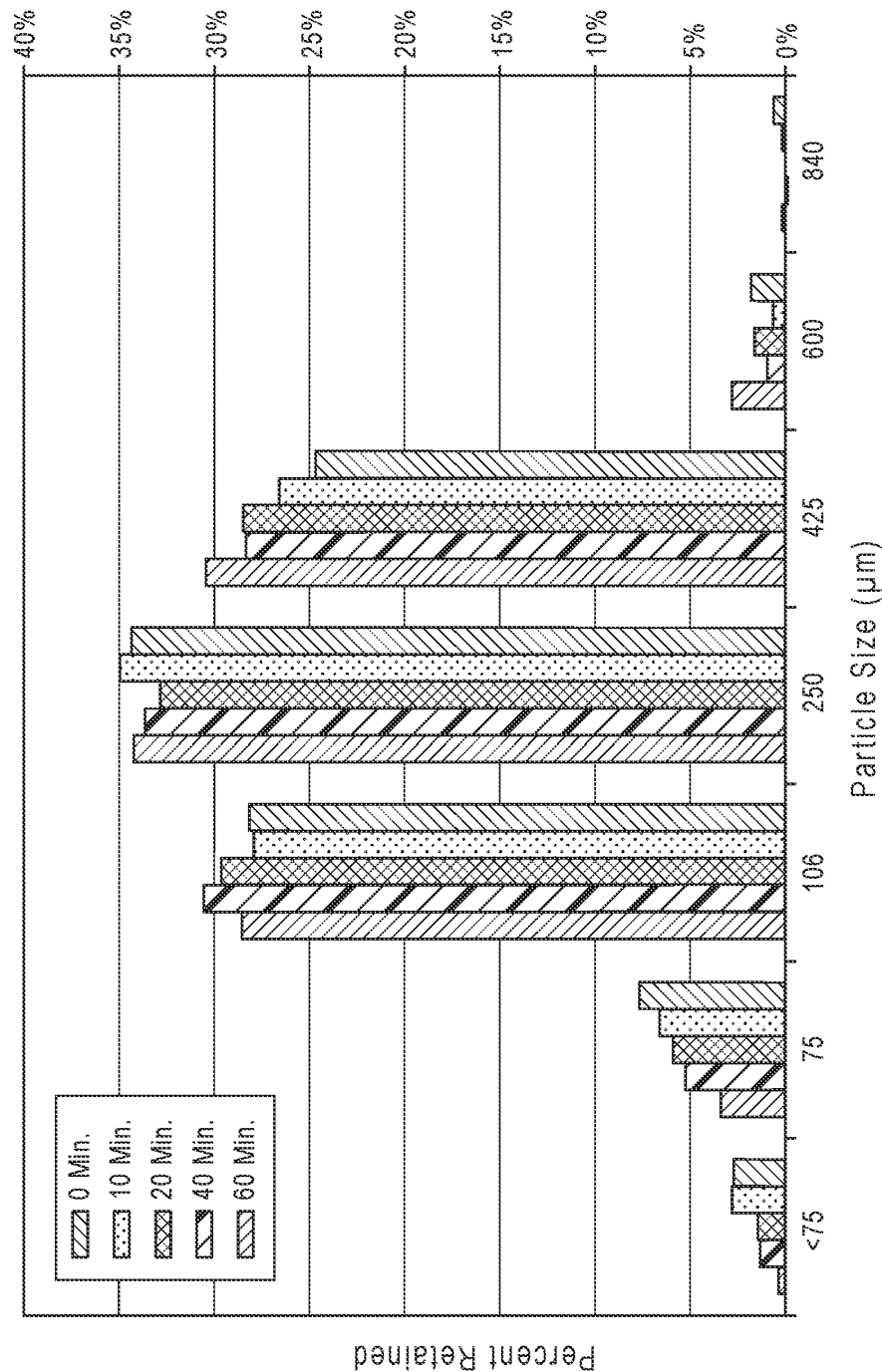


FIG. 19

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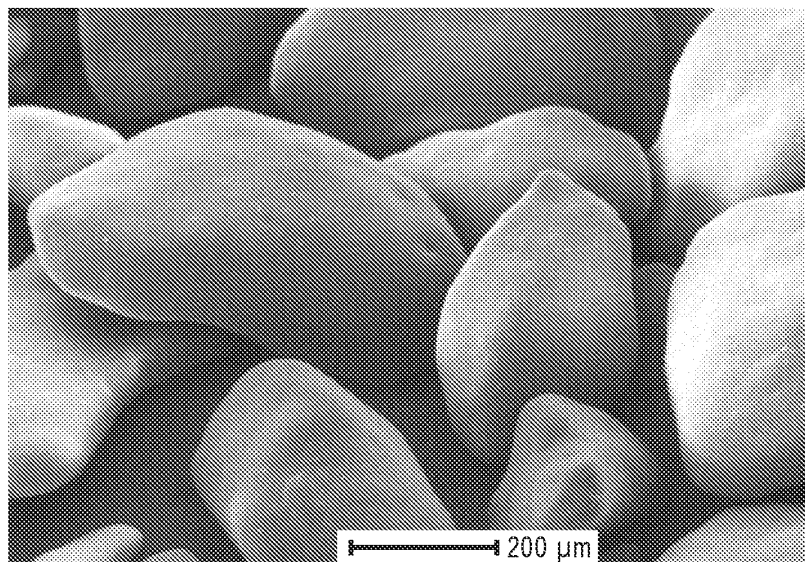


FIG. 20A

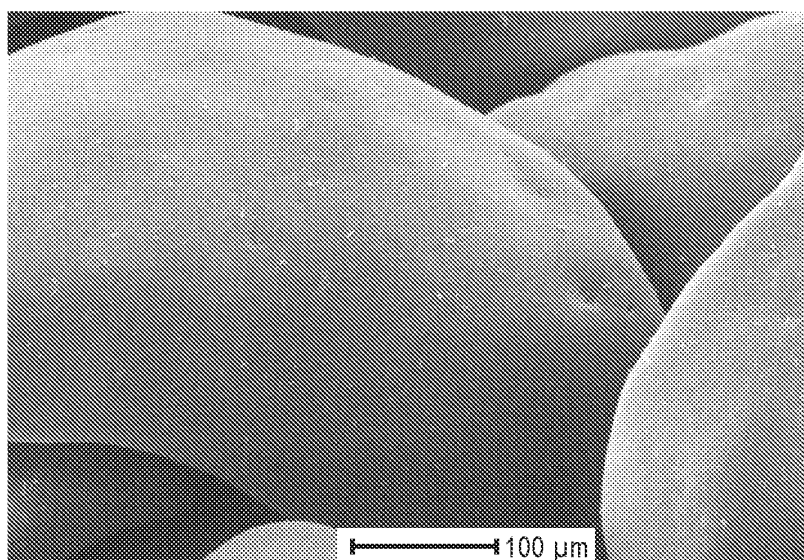


FIG. 20B

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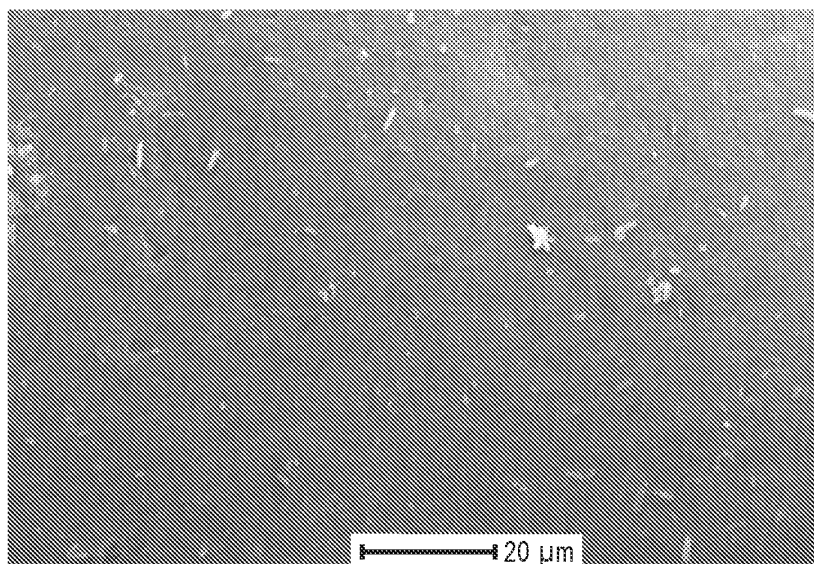


FIG. 20C

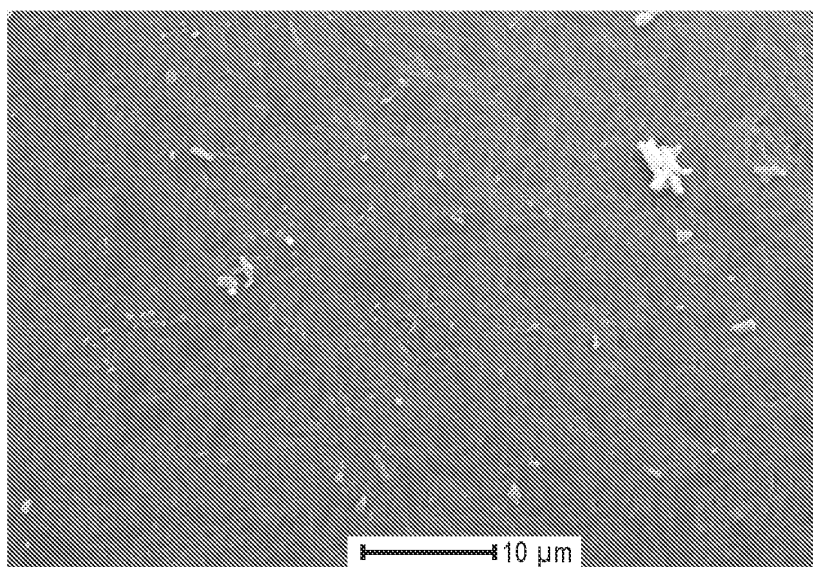


FIG. 20D

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Parameter	Example								
	2	3	4	5	6	7	8	9A	9B
Spray Time (min)	123	74	98	114	126	295	295	70	280
Spray Rate (g/min)	5-11	13-15	11-12	13-16	13.7-14.6	5.5-6.7	6.1-7.2	4.3-9	5.0-5.7
Exhaust Temp (°C)	22-25	27-29	22-24	25-26	24-25	32-33	32-33	32-34	33-34
Inlet Temp (°C)	28-32	38-40	29-34	35-36	35-38	40-43	40-43	41-44	40-44
Atomizing Air (psi)	25	26	16-18	20-22	26	25	25	25	25
Process Air (cfm)	55-62	54-60	58-63	55-59	58-60	45-49	47-48	46-47	46-48
Accelerator Air (psi)	15	15	10	10-20	15-25	15	15	15	15
Dew Point (°C)	2.8-4.8	5.6-.3	3.5-5.0	-0/2-0.1	5.5-7.0	9.4-13.0	12.4-15.0	8.5-9.7	10.6-13.3
Weight Gain (%wg)	10	10	-	-	-	-	-	-	-
PAI, actual (wt%)	85.2	87.8	-	-	-	-	-	-	-
Weight Gain (%wg)	20	20	20	20	-	20	20	-	20
PAI, actual (wt%)	73.9	78.8	16.9	79.9	-	79.4	81.8	-	80.7
Weight Gain(%wg)	-	-	-	30	-	30	30	-	30
PAI, actual (wt%)	-	-	-	74.5	-	75.2	75.3	-	76.0
Weight Gain (%wg)	-	-	-	-	-	35	35	-	35
PAI, actual (wt%)	-	-	-	-	-	71.9	72.4	-	72.9

FIG. 21

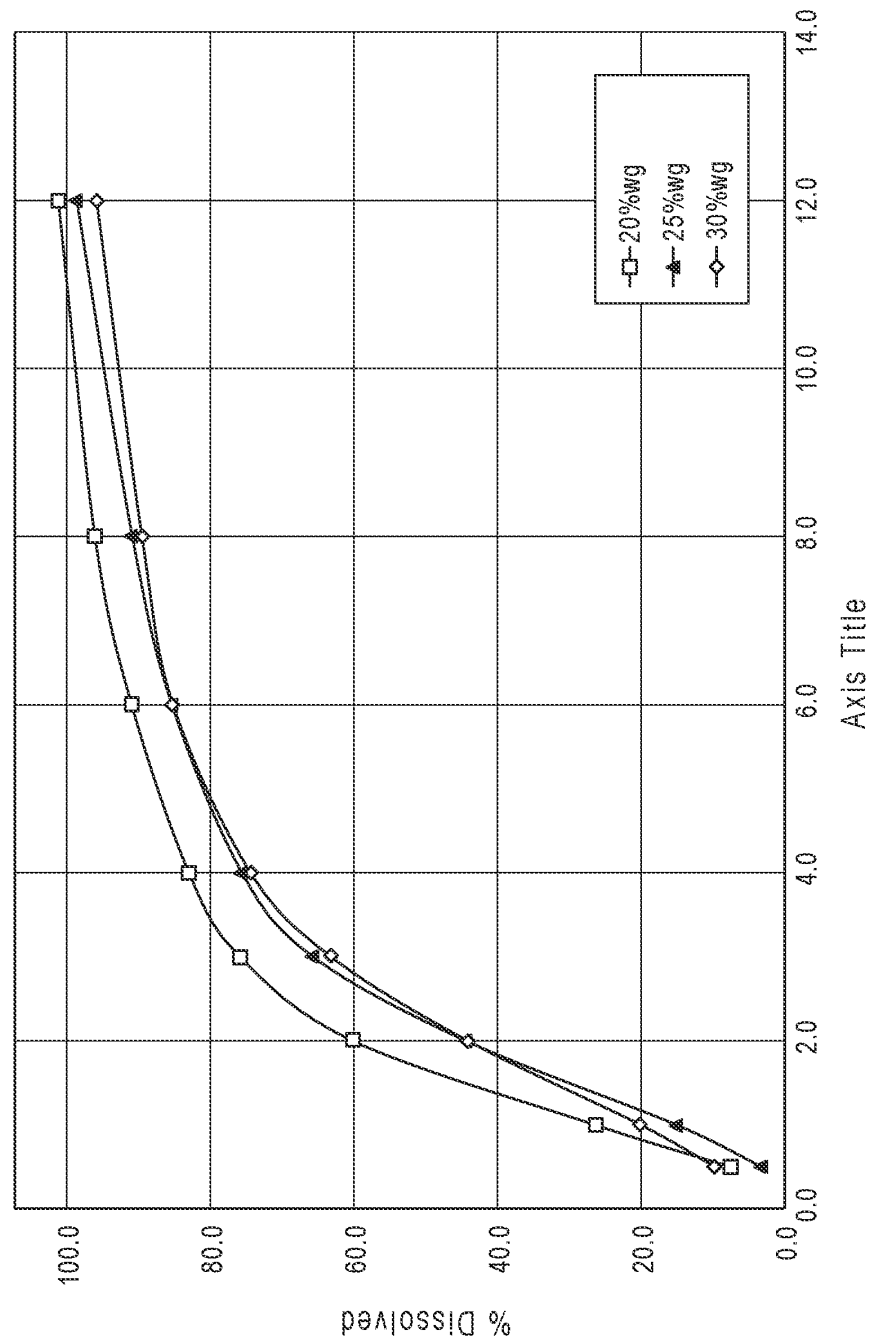


FIG. 22