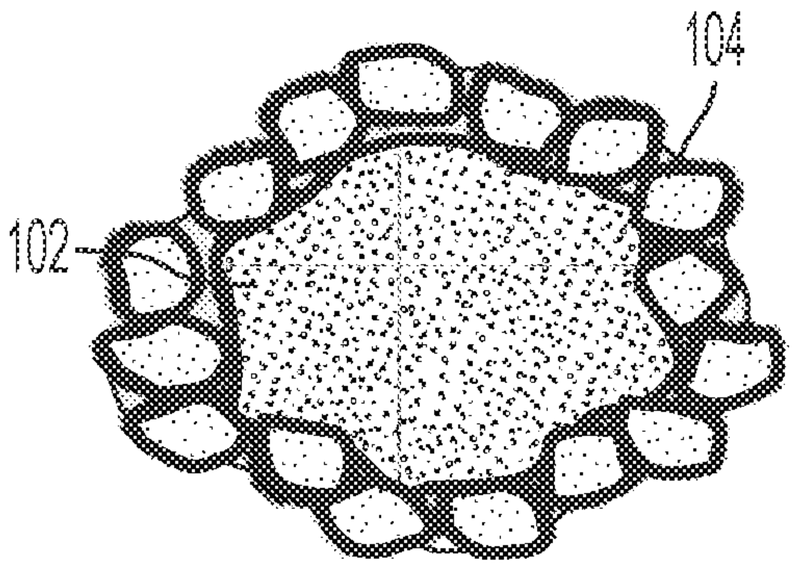


FIG. 1A

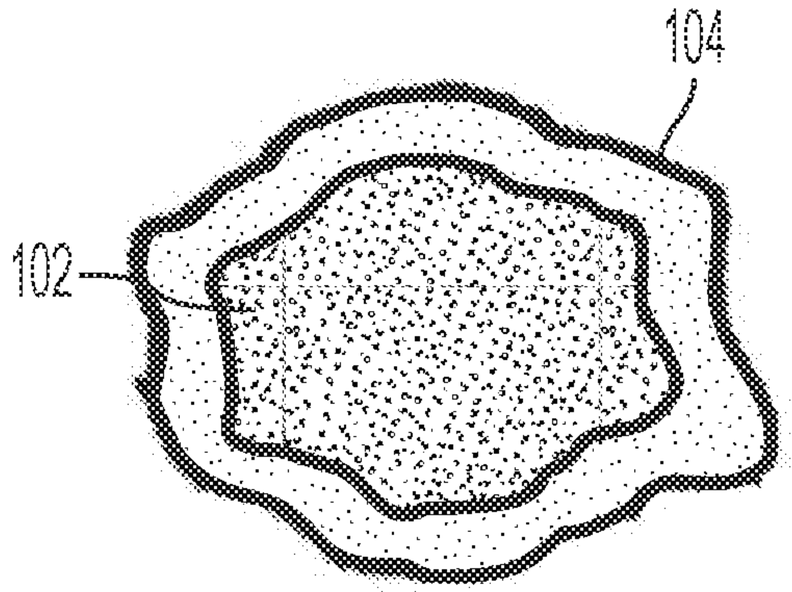


FIG. 1B

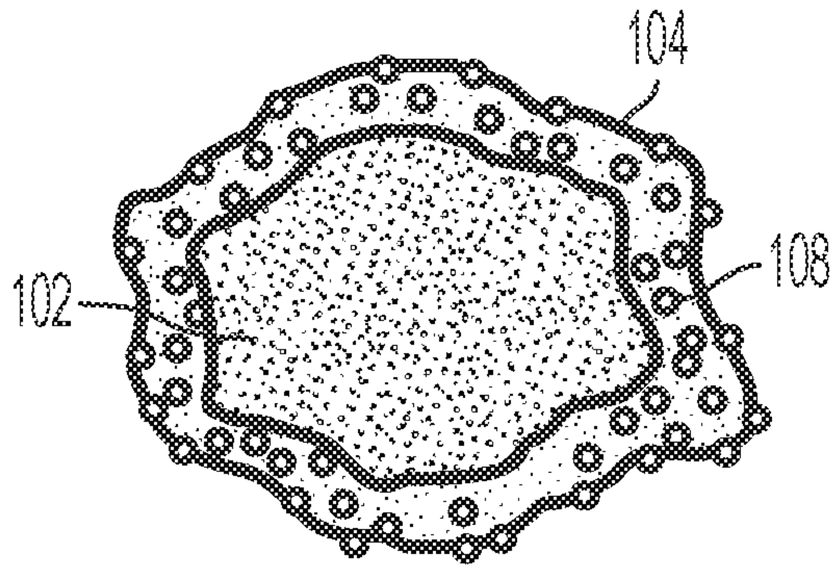


FIG. 1C

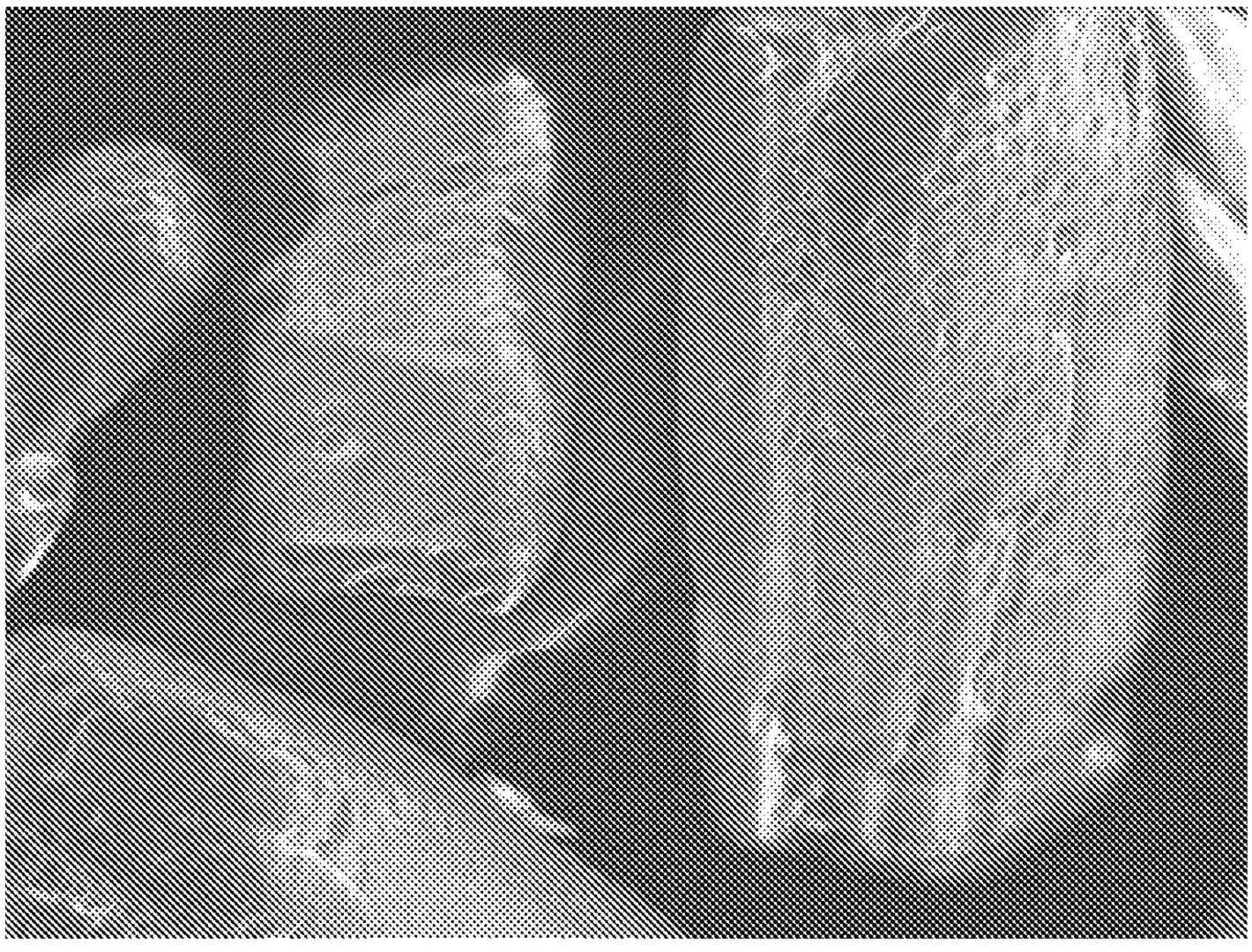


FIG. 2

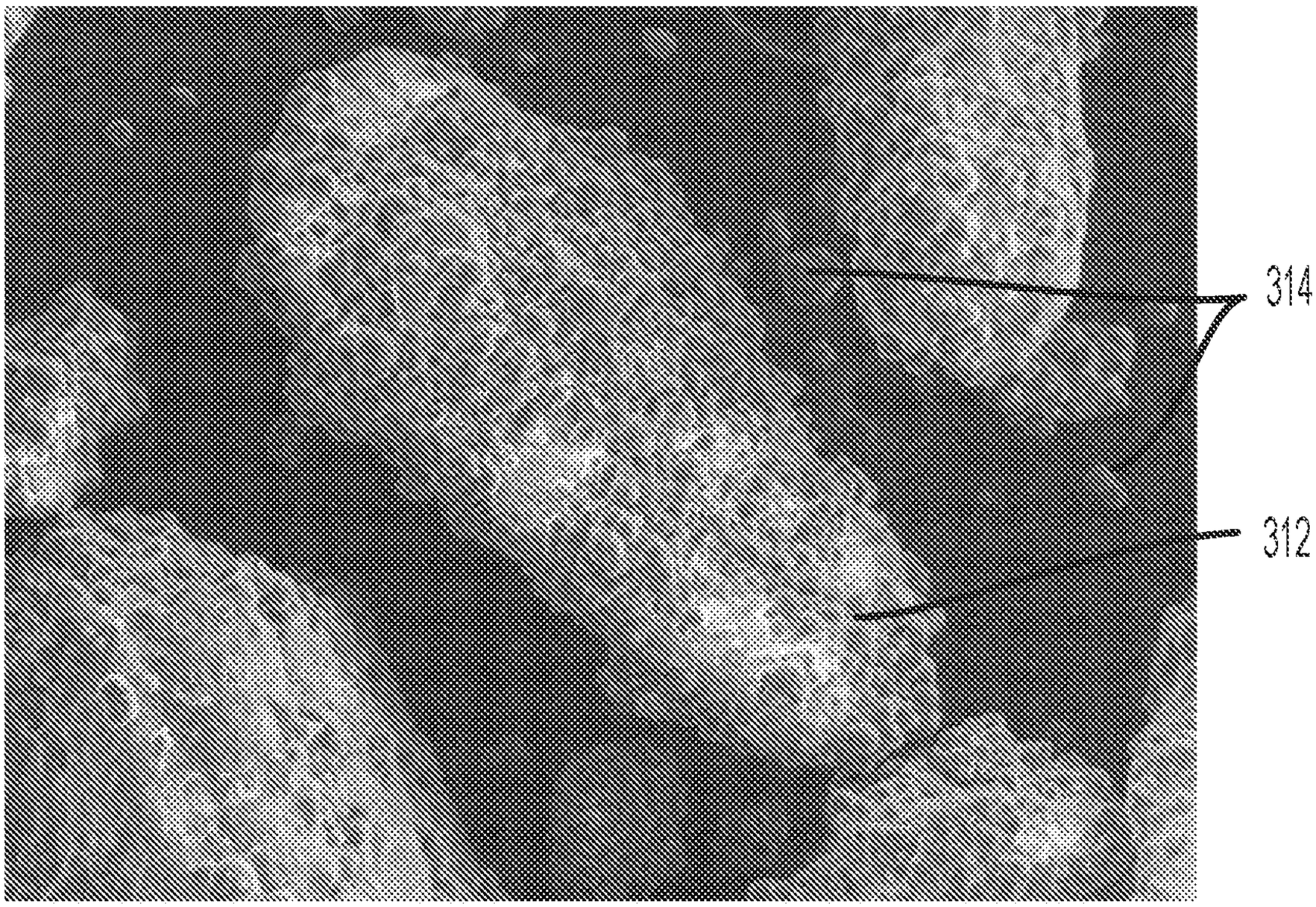


FIG. 3

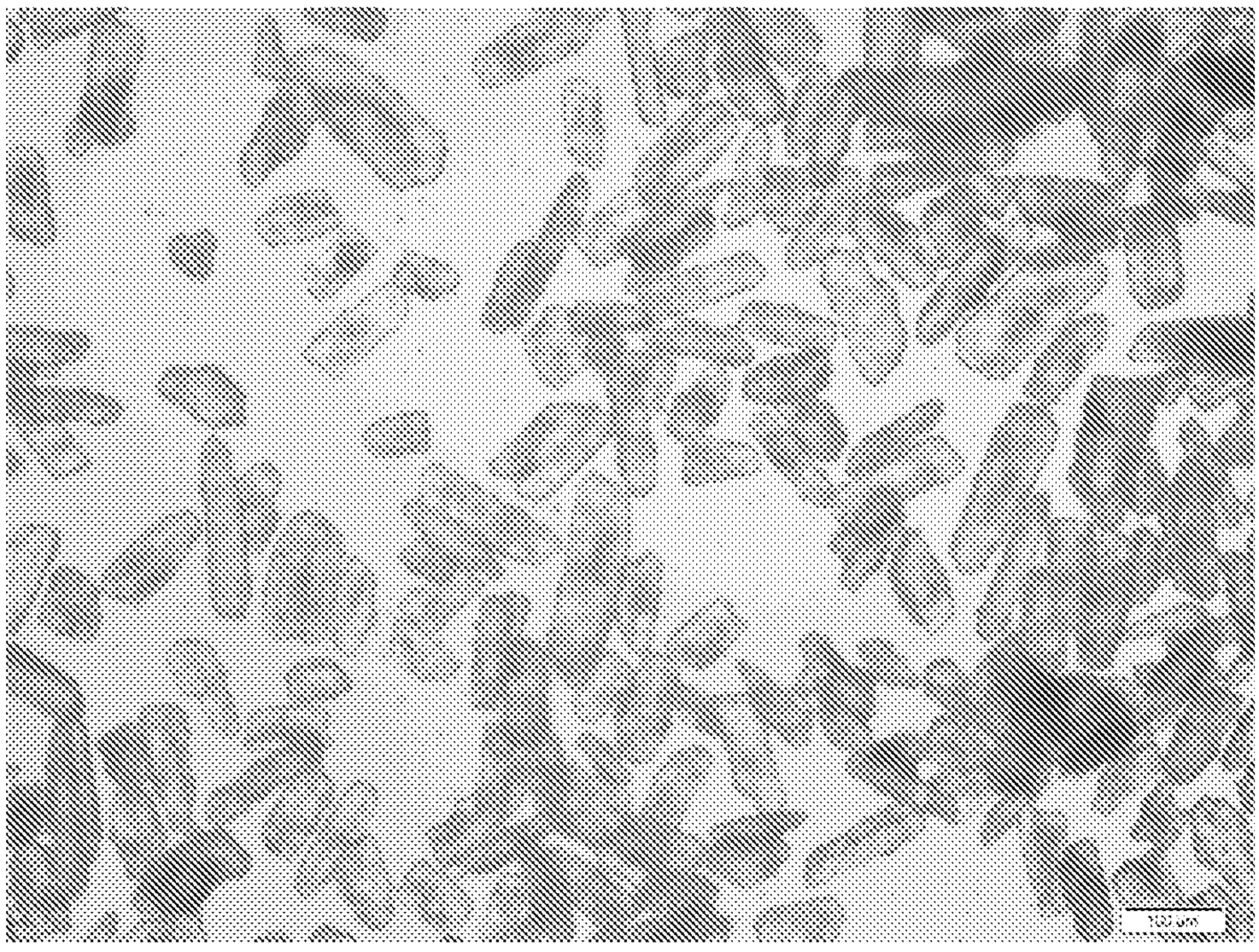


FIG. 4A

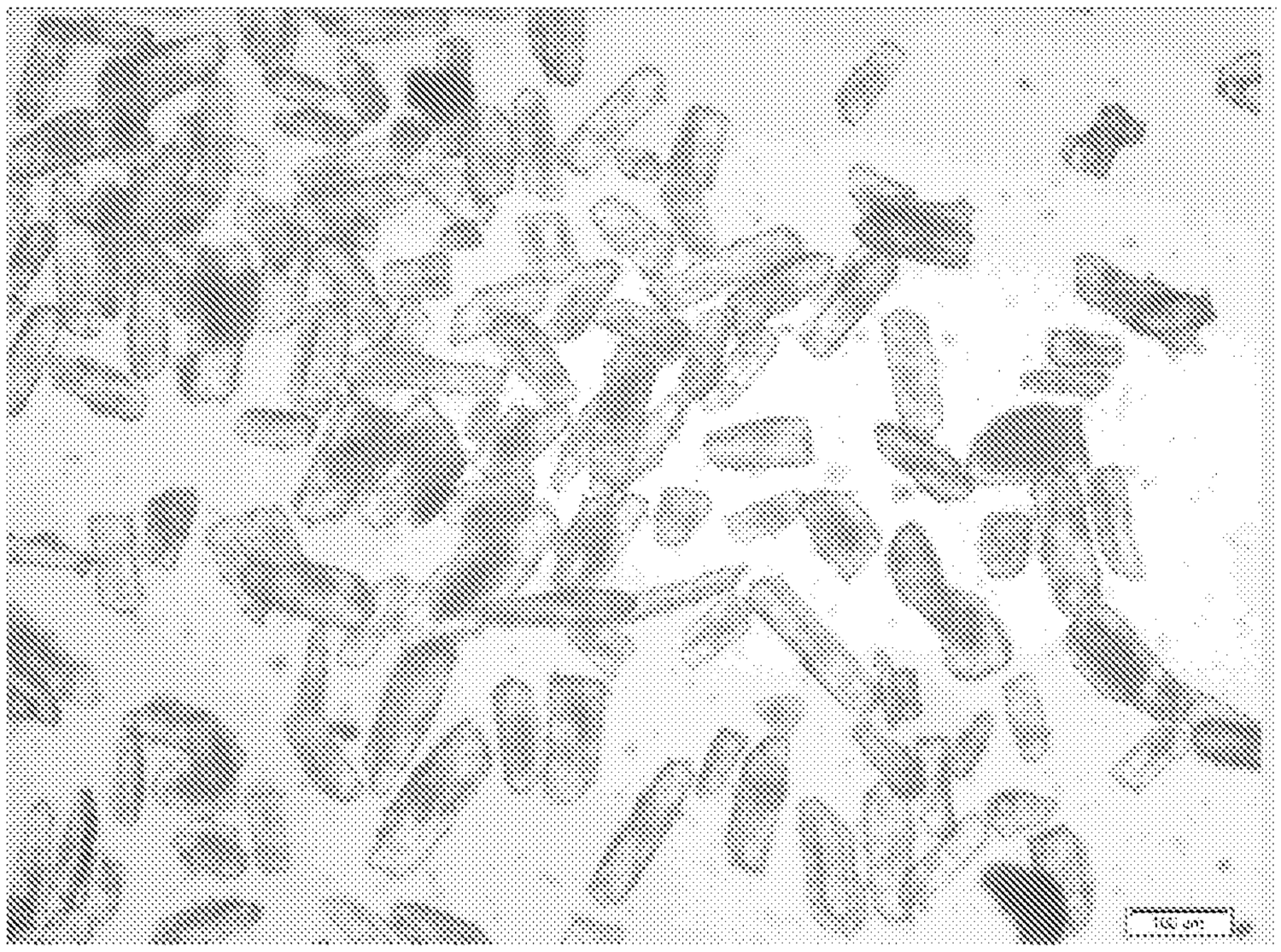


FIG. 4B

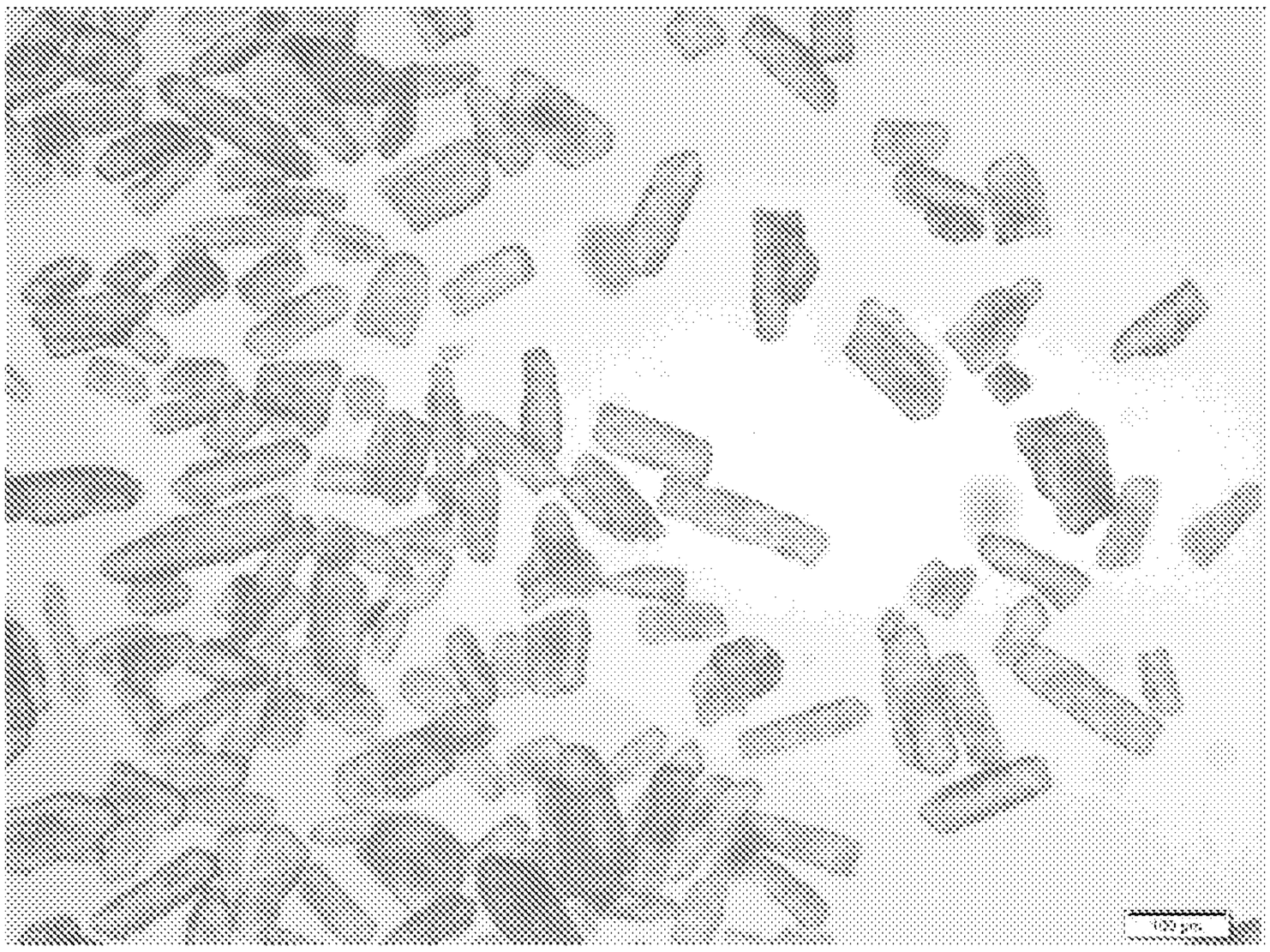


FIG. 4C

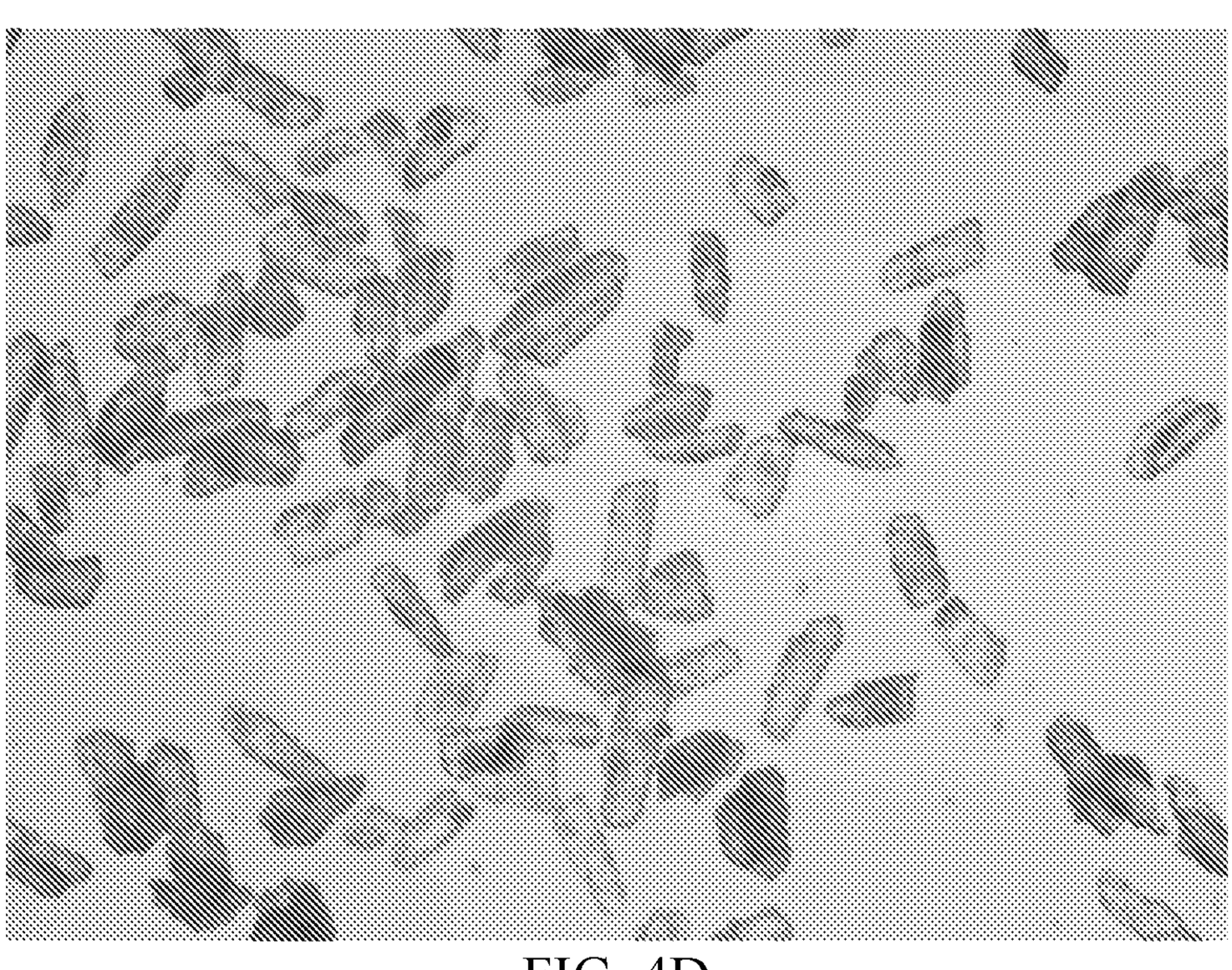


FIG. 4D

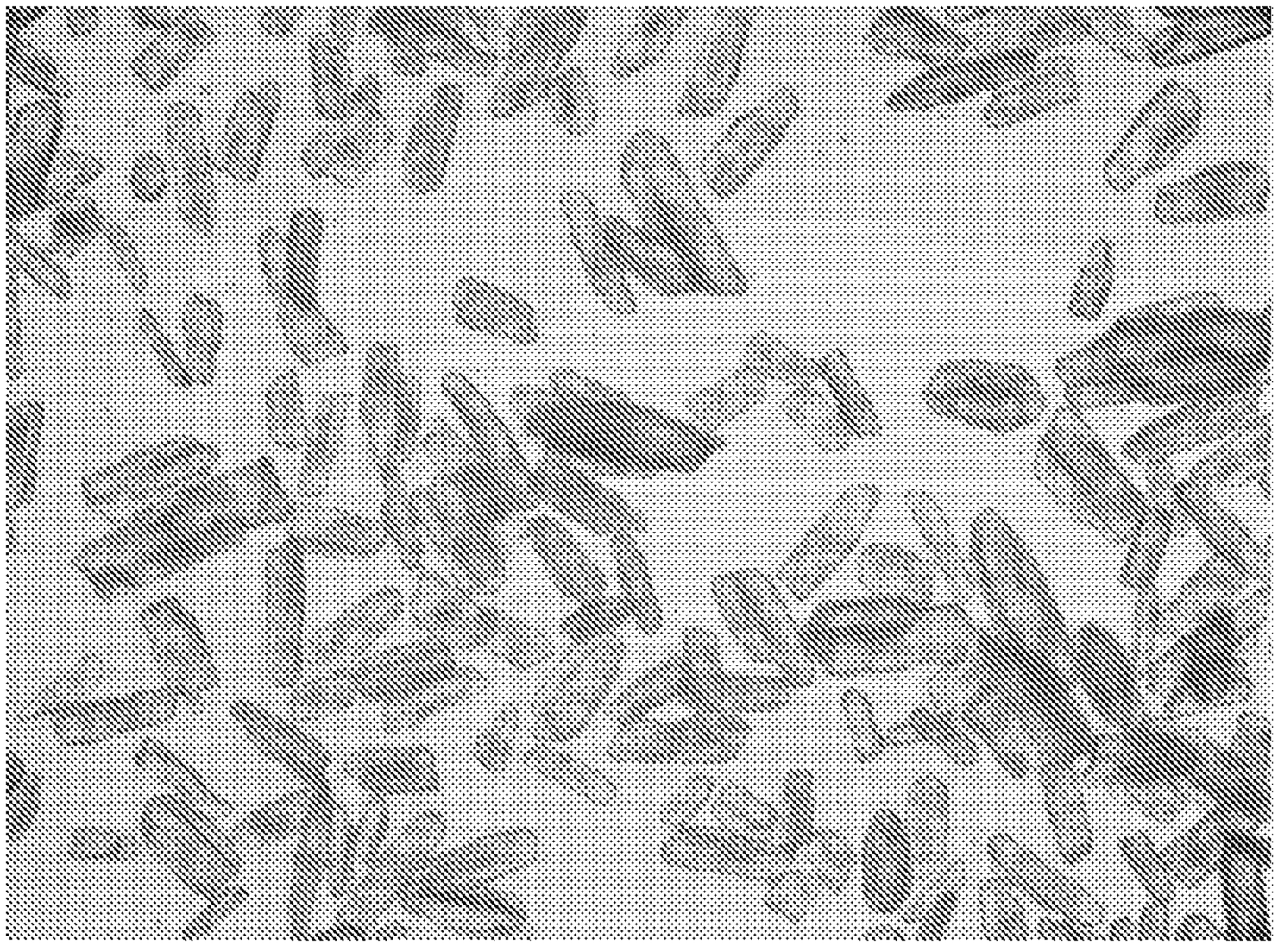


FIG. 4E

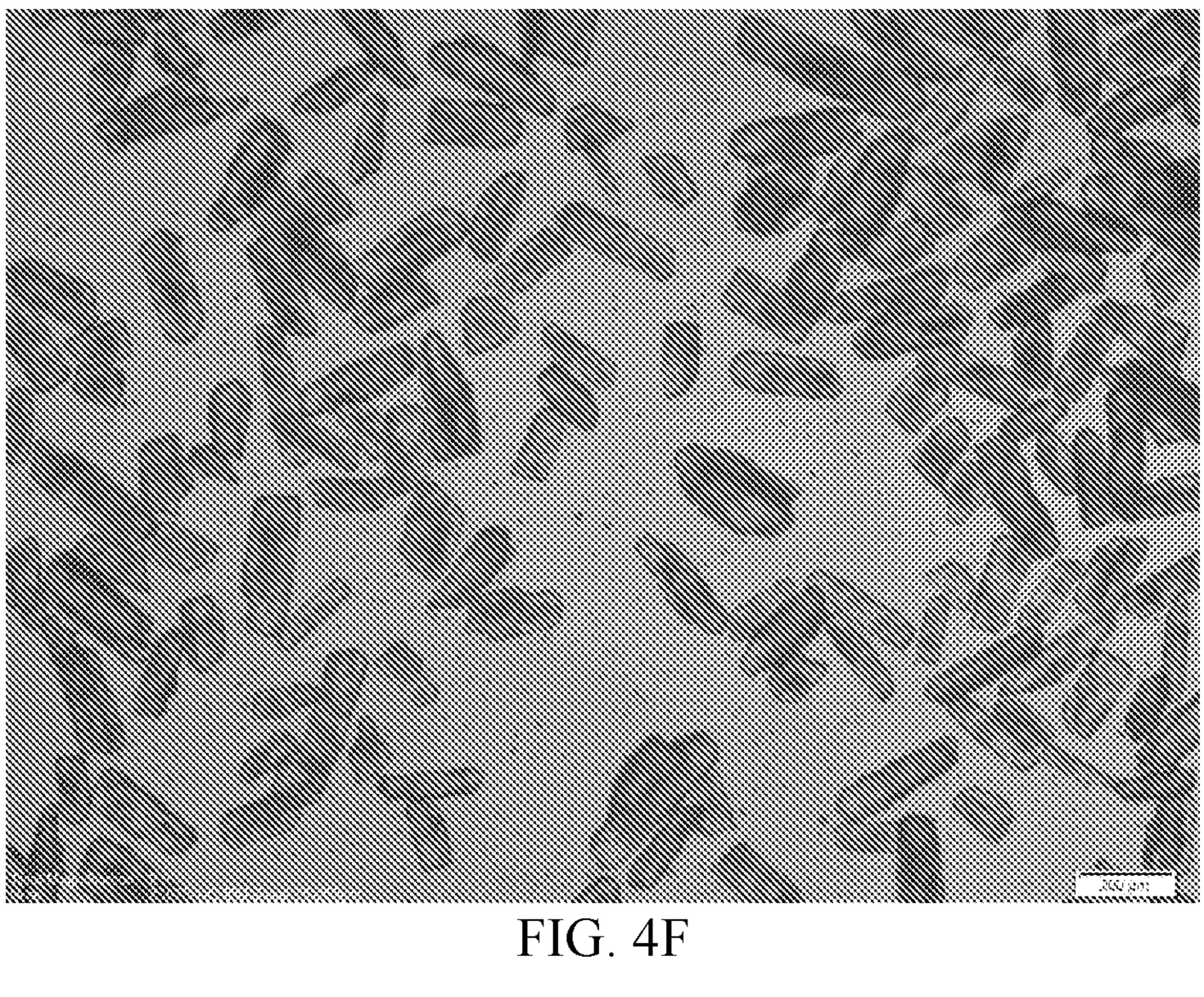


FIG. 4F

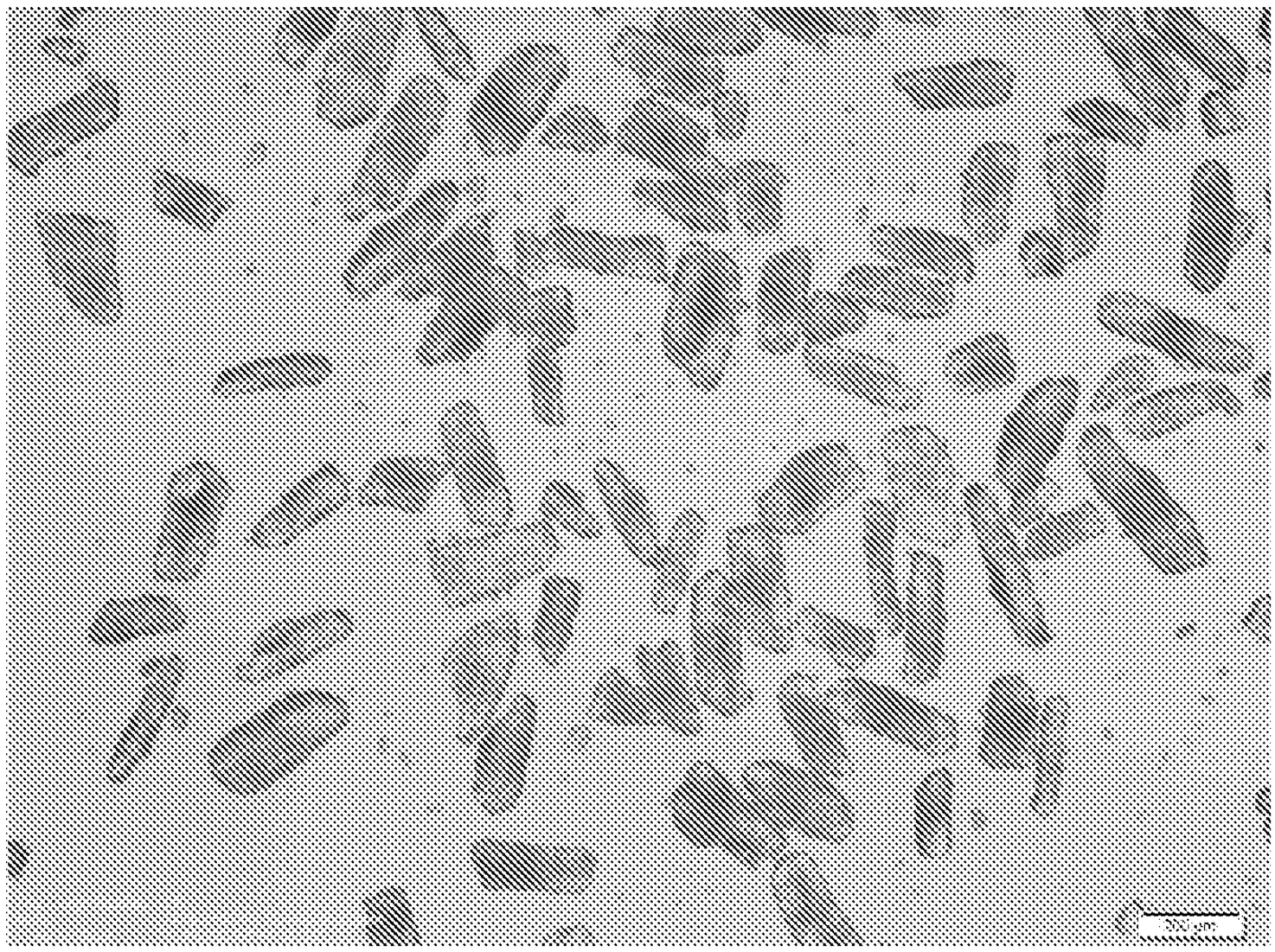


FIG. 4G

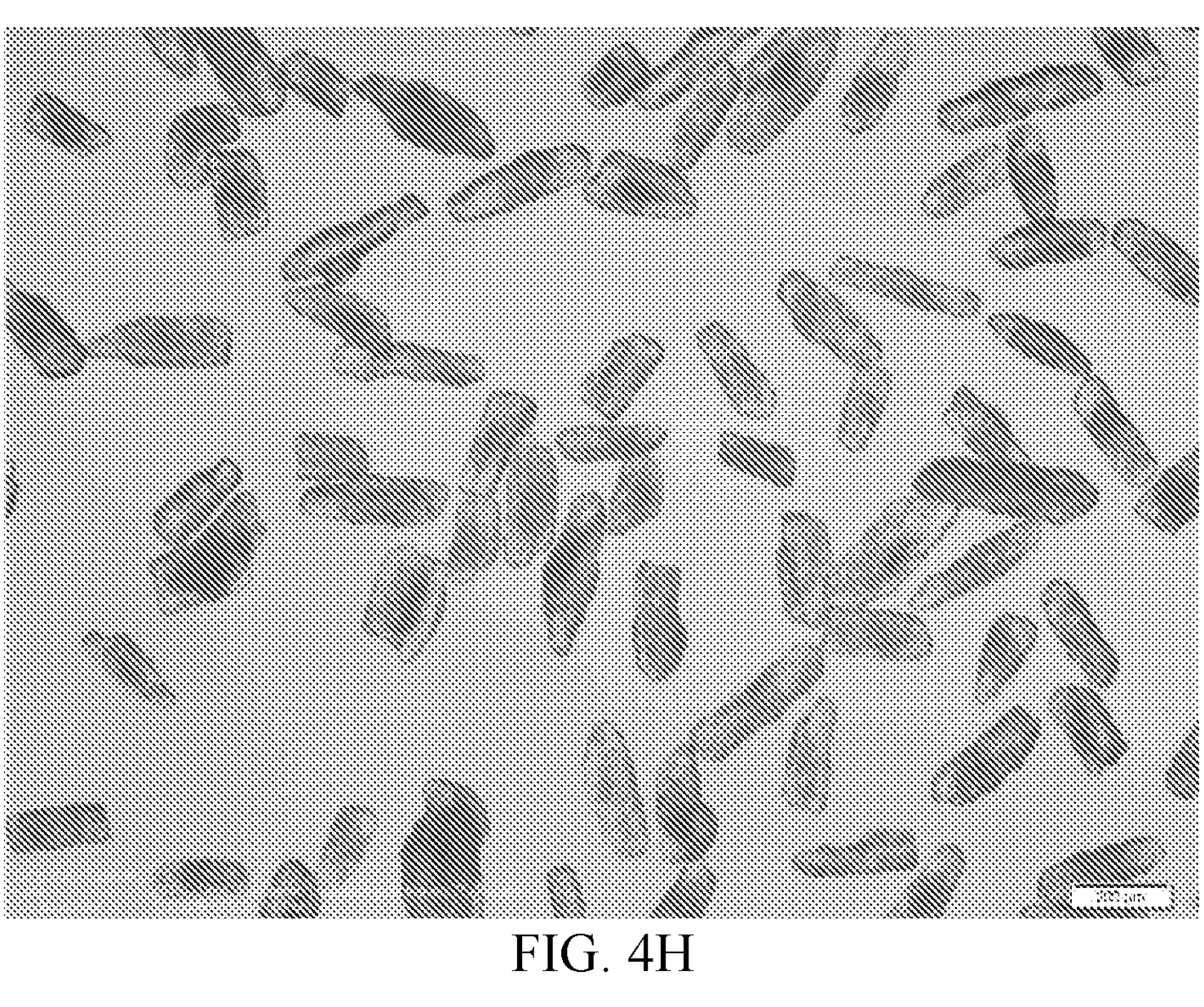


FIG. 4H

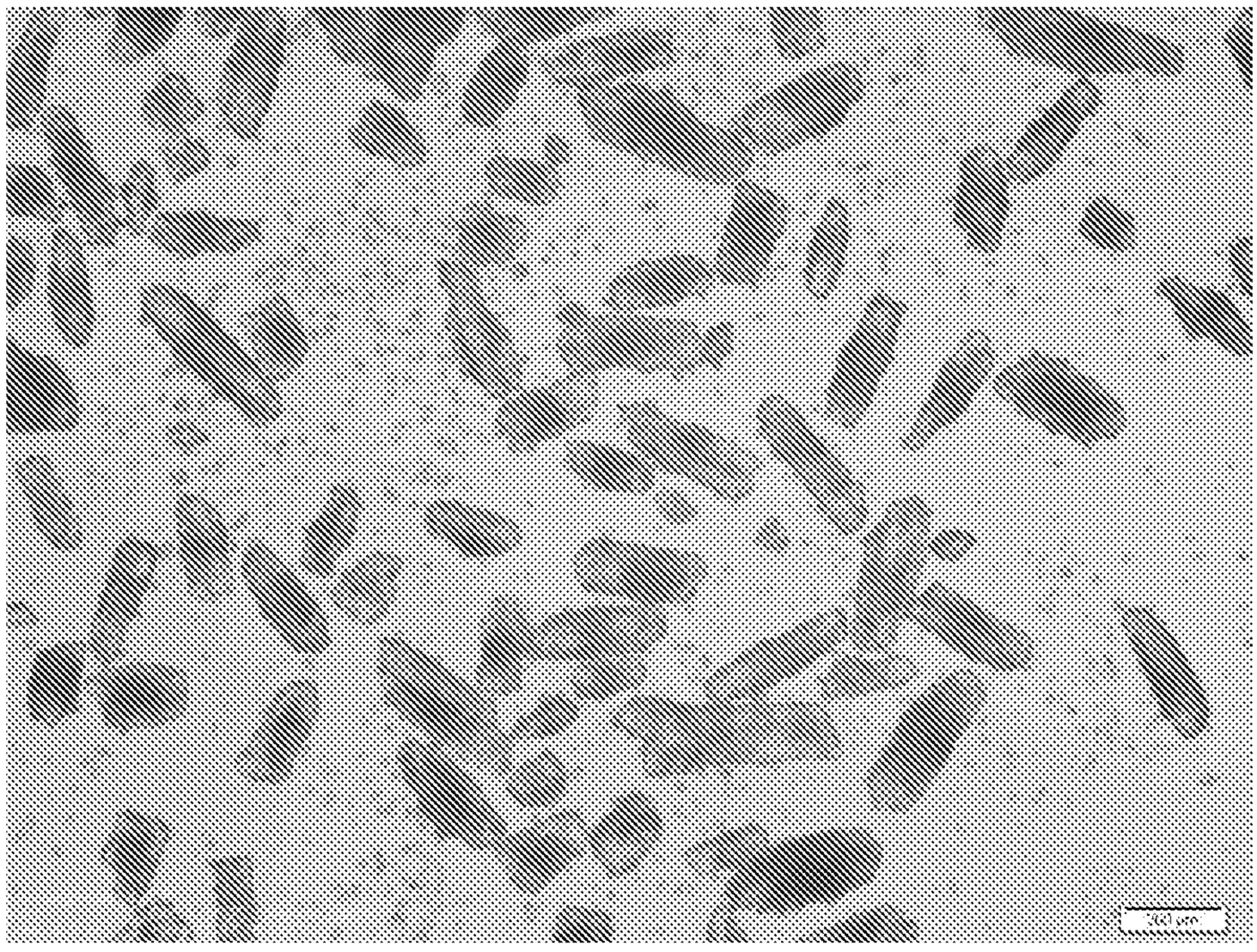


FIG. 4I

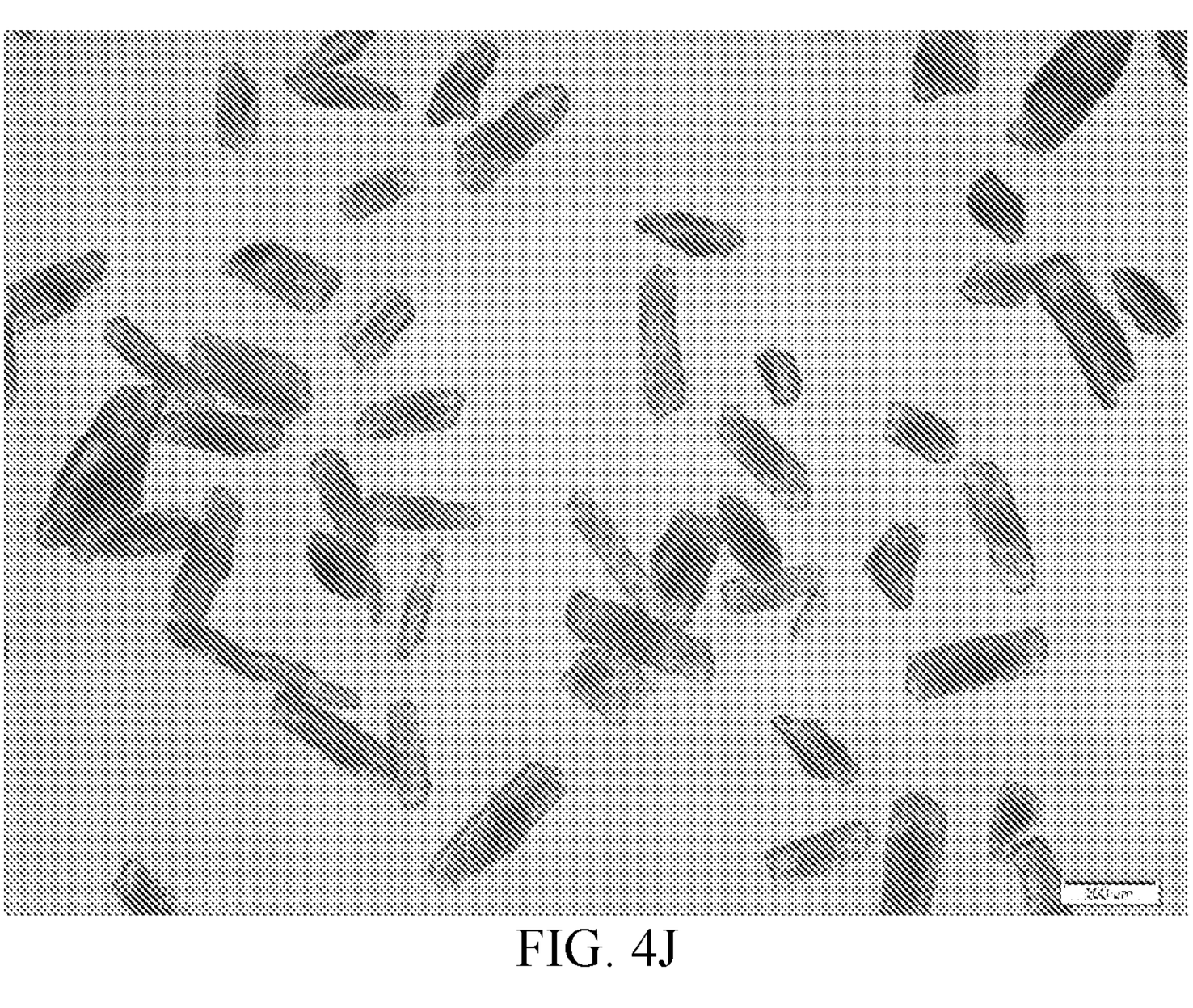


FIG. 4J

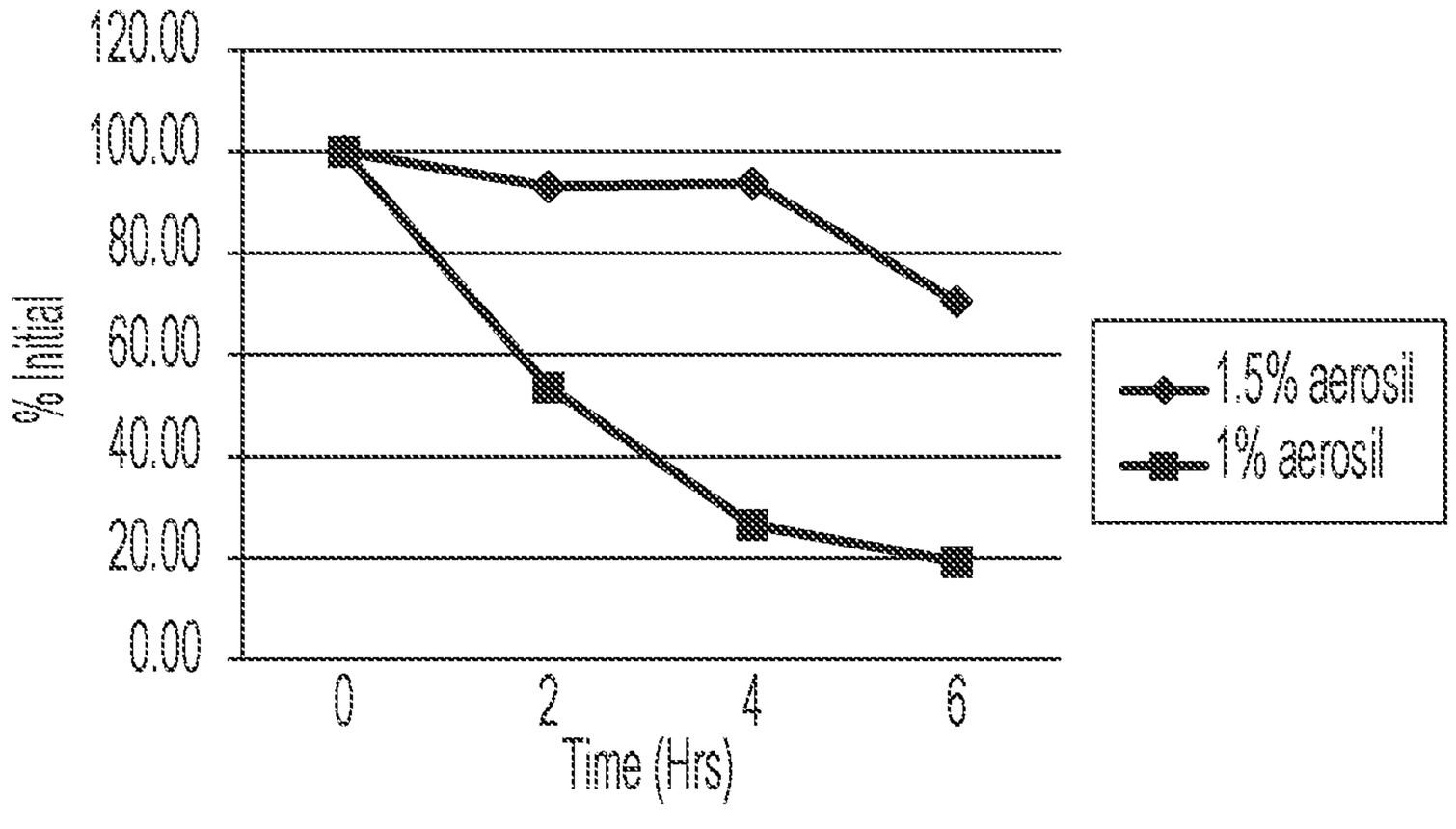

120.00
100.00
80.00
60.00
40.00
20.00
0.00
% Initial
0
2
4
6
Time (Hrs)
1.5% aerosil
1% aerosil

FIG. 5

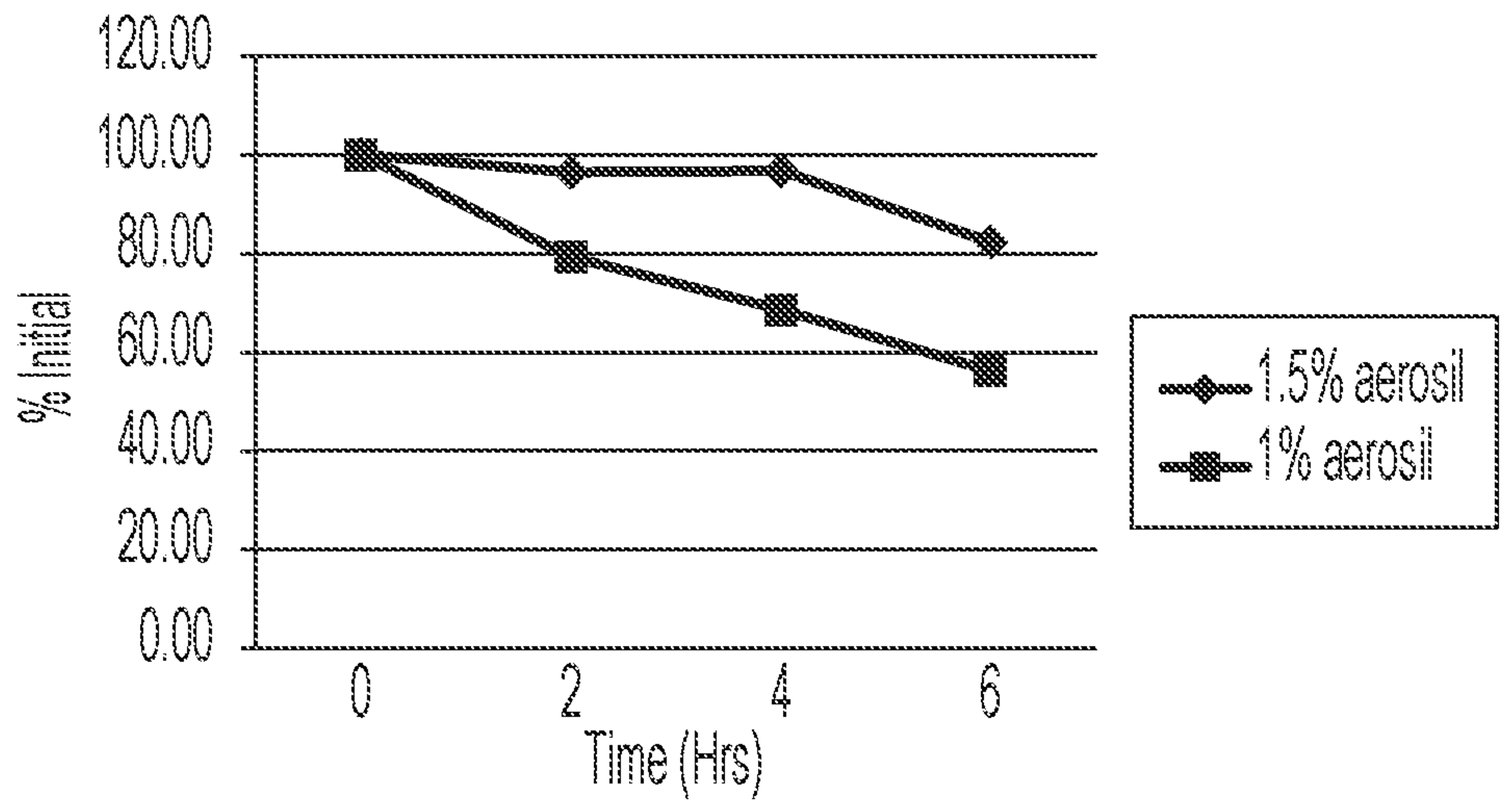

120.00
100.00
80.00
60.00
40.00
20.00
0.00
% Initial
0
2
4
6
Time (Hrs)
1.5% aerosil
1% aerosil

FIG. 6

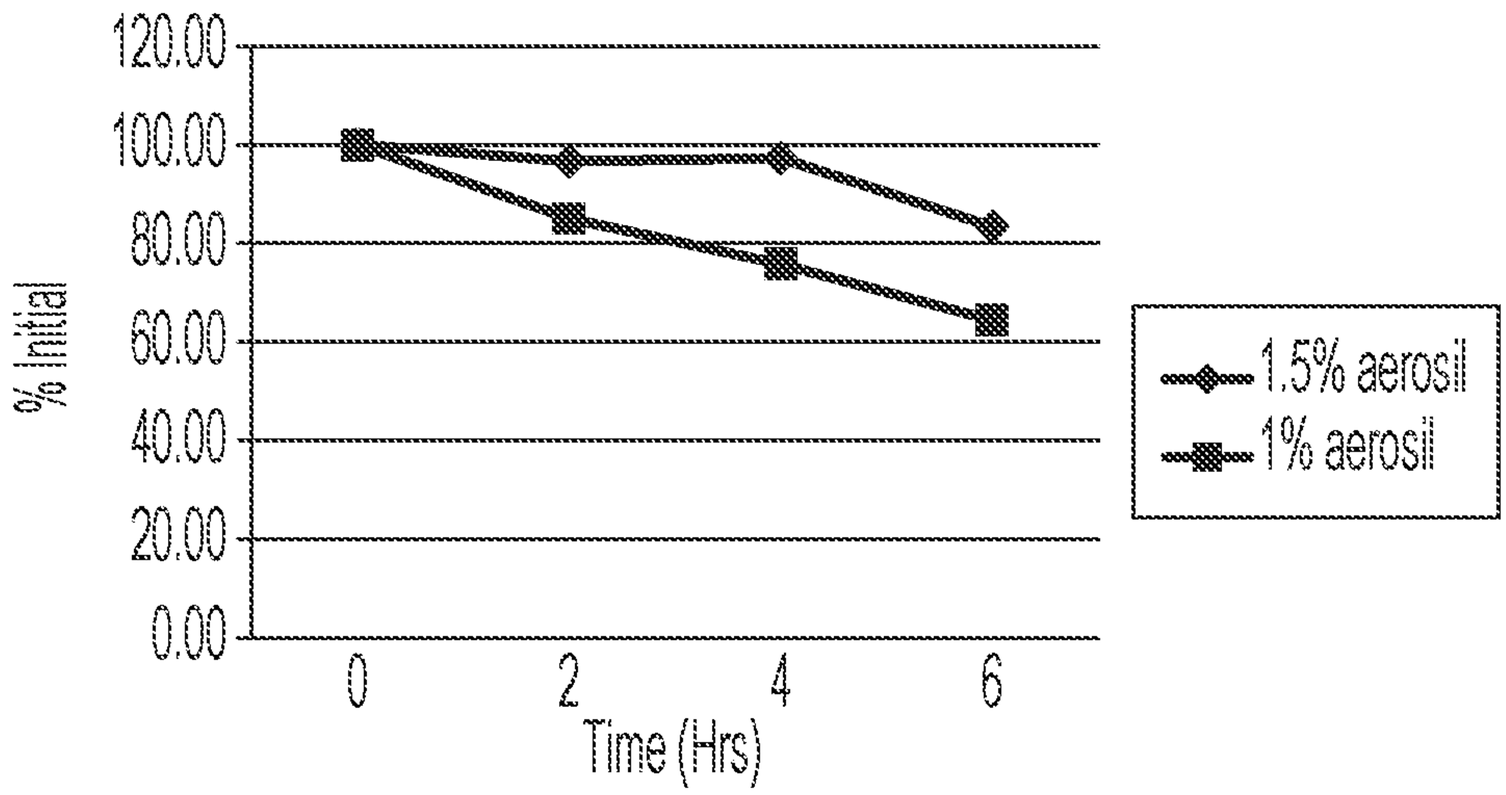

120.00
100.00
80.00
60.00
40.00
20.00
0.00
% Initial
0
2
4
6
Time (Hrs)
1.5% aerosil
1% aerosil

FIG. 7

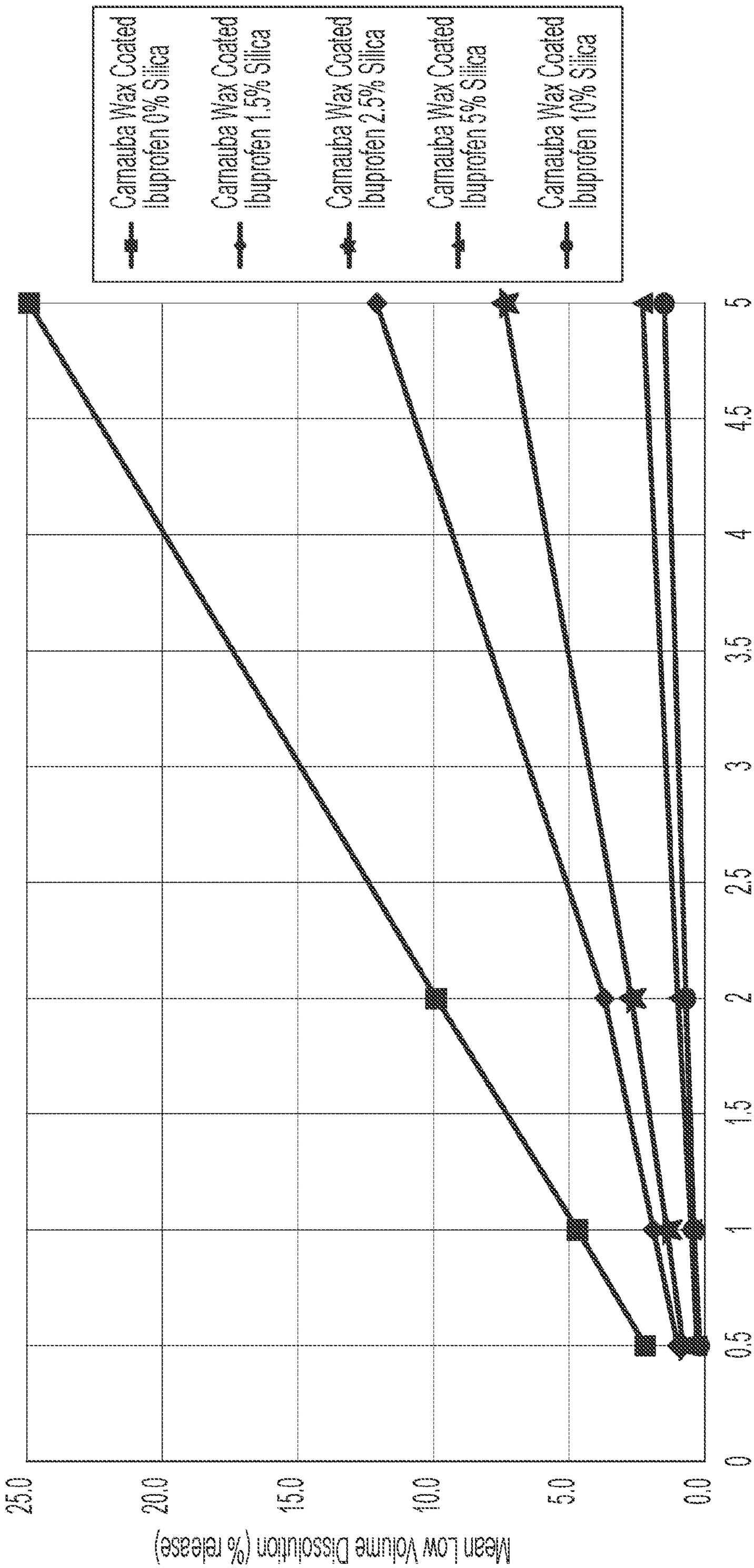

Carnauba Wax Coated Ibuprofen 0% Silica
Carnauba Wax Coated Ibuprofen 1.5% Silica
Carnauba Wax Coated Ibuprofen 2.5% Silica
Carnauba Wax Coated Ibuprofen 5% Silica
Carnauba Wax Coated Ibuprofen 10% Silica
Mean Low Volume Dissolution (% release)
25.0
20.0
15.0
10.0
5.0
0.0
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Time (mins)

FIG. 8

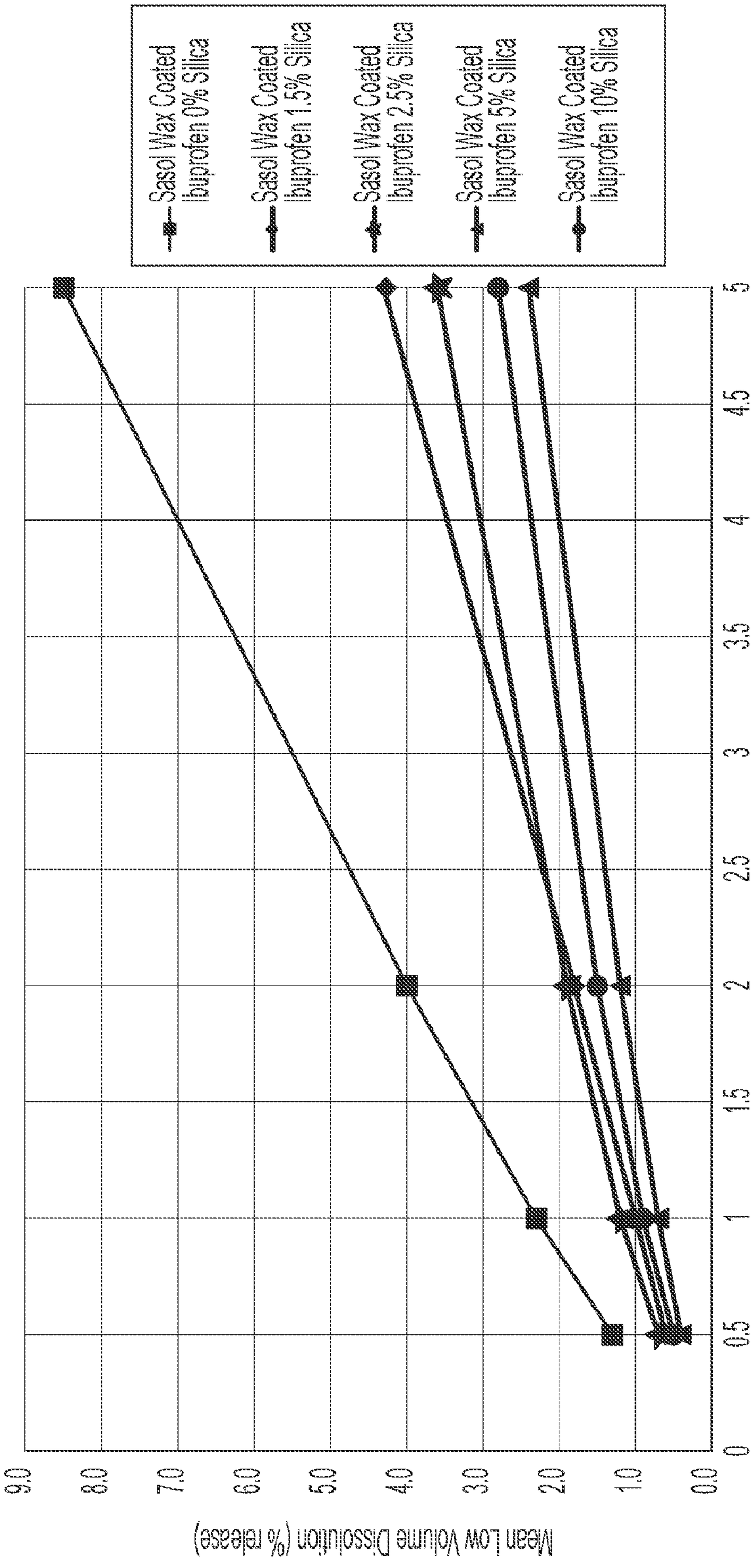

Sasol Wax Coated Ibuprofen 0% Silica
Sasol Wax Coated Ibuprofen 1.5% Silica
Sasol Wax Coated Ibuprofen 2.5% Silica
Sasol Wax Coated Ibuprofen 5% Silica
Sasol Wax Coated Ibuprofen 10% Silica
Time (mins)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Mean Low Volume Dissolution (% release)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0

FIG. 6

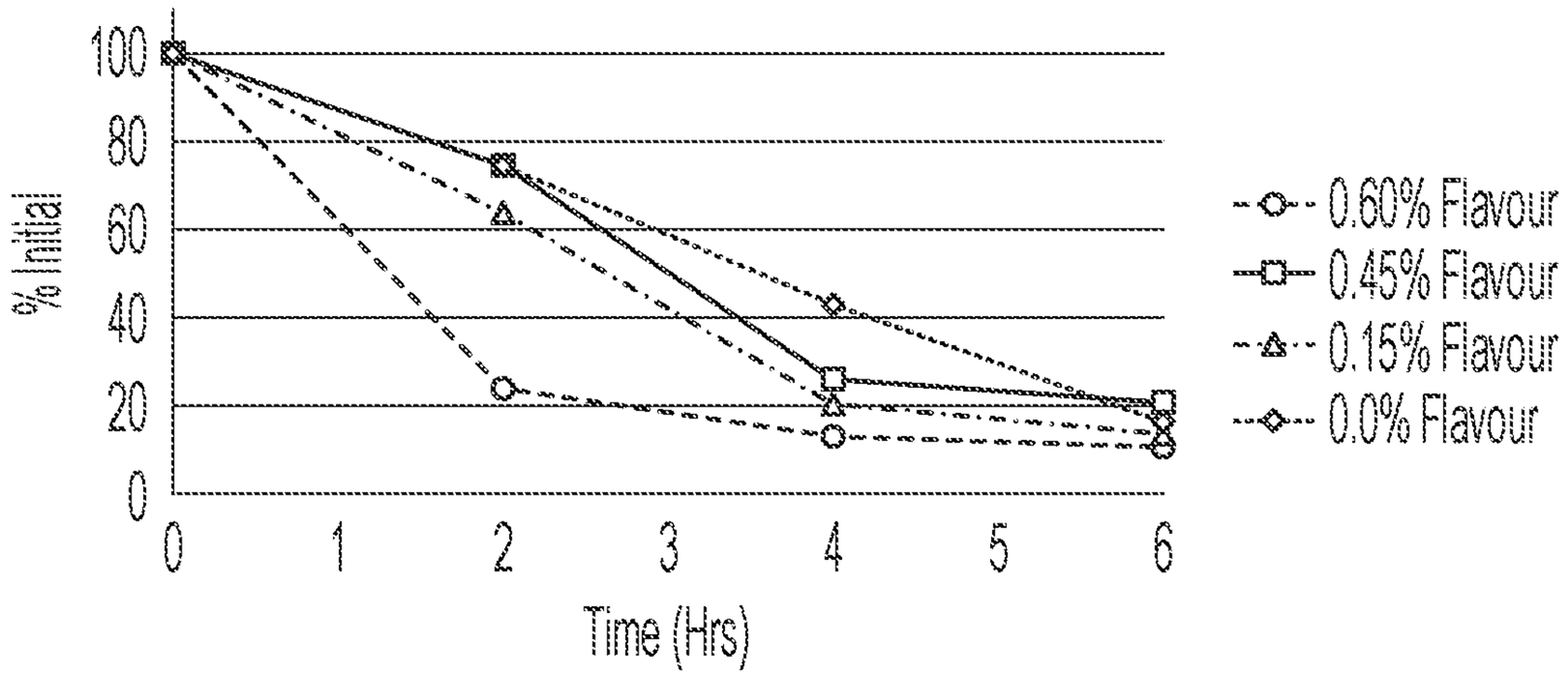

100
80
60
40
20
0
% Initial
0
1
2
3
4
5
6
Time (Hrs)
0.60% Flavour
0.45% Flavour
0.15% Flavour
0.0% Flavour

FIG. 10

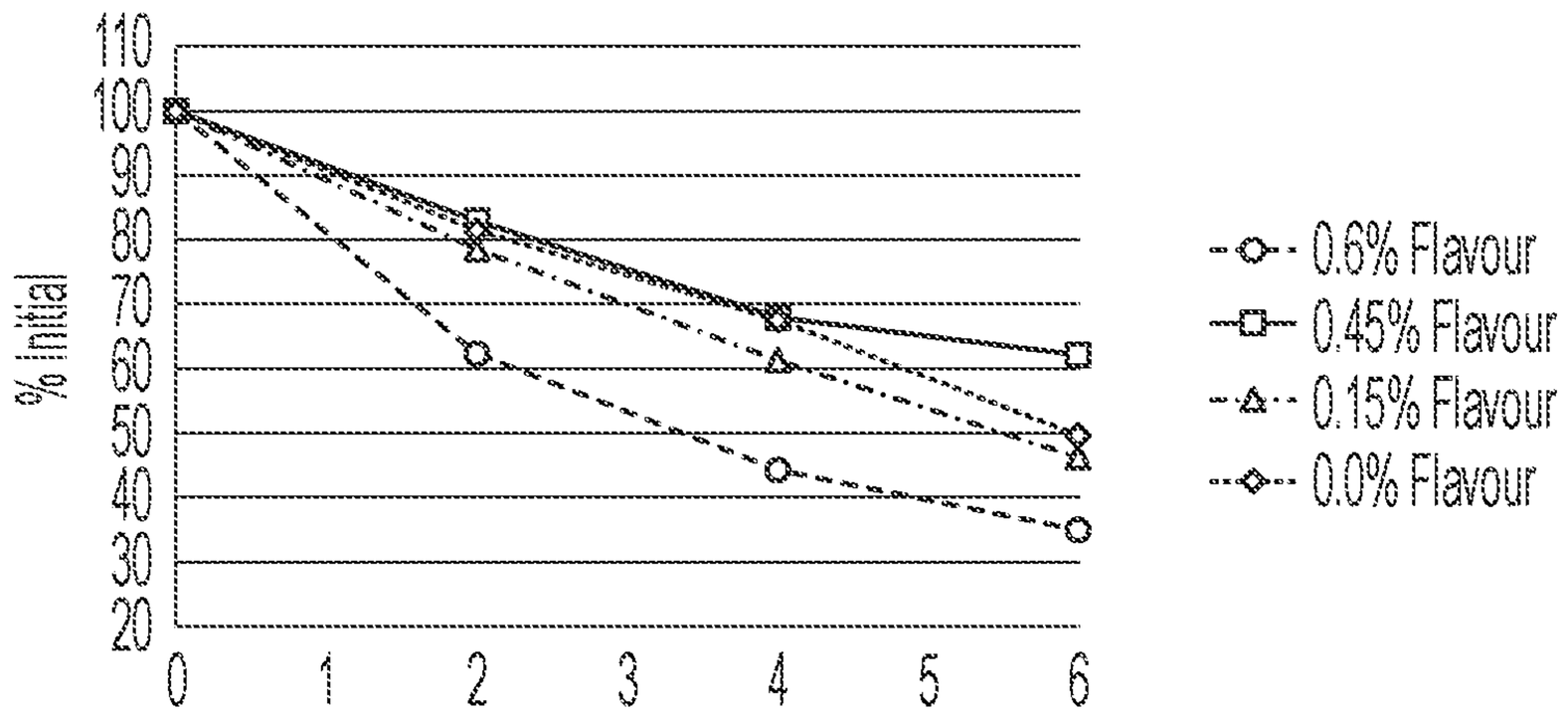

110
100
90
80
70
60
50
40
30
20
% Initial
0
1
2
3
4
5
6
Time (Hrs)
0.6% Flavour
0.45% Flavour
0.15% Flavour
0.0% Flavour

FIG. 11

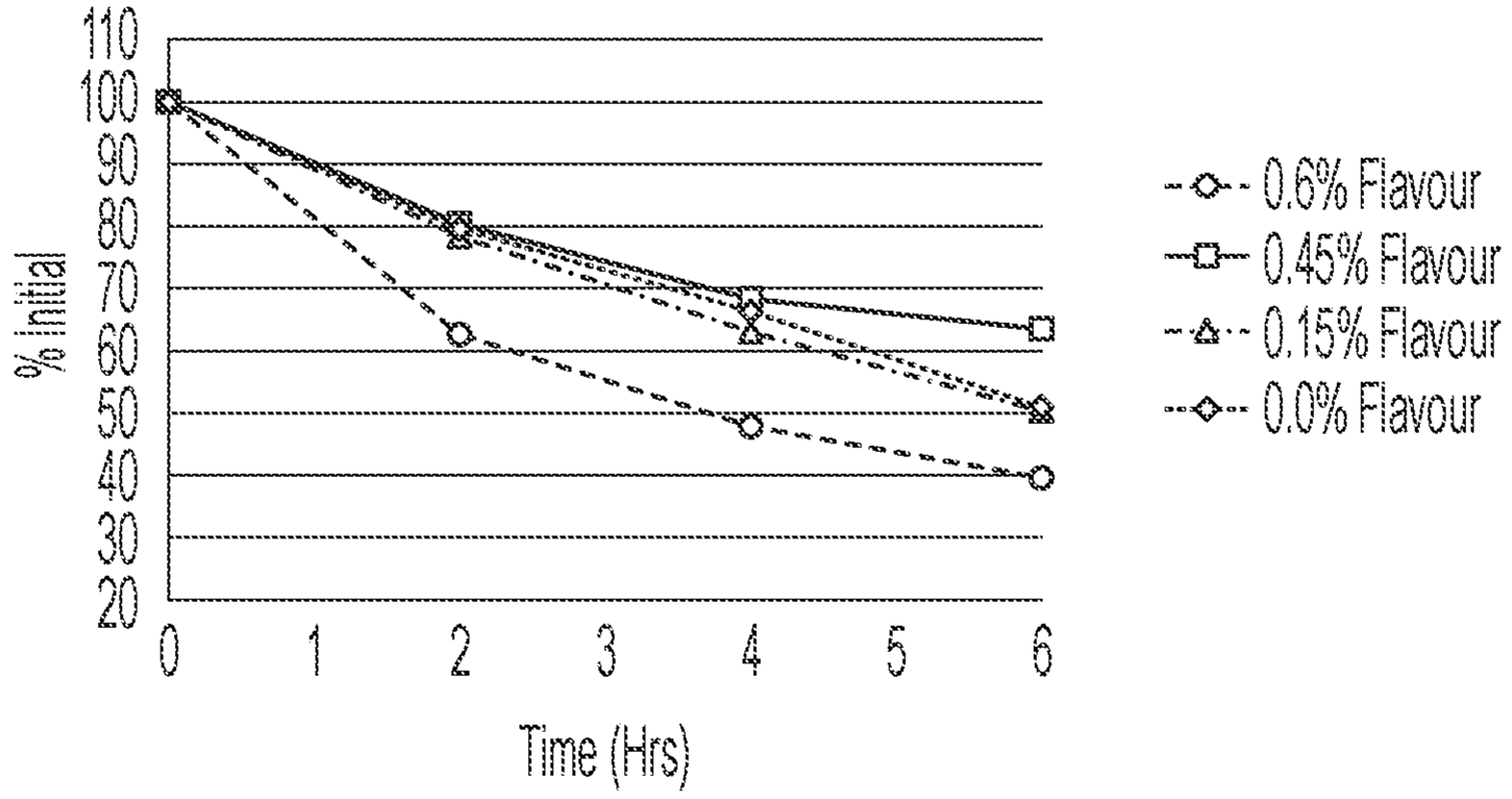

110
100
90
80
70
60
50
40
30
20
% Initial
0
1
2
3
4
5
6
Time (Hrs)
0.6% Flavour
0.45% Flavour
0.15% Flavour
0.0% Flavour

FIG. 12

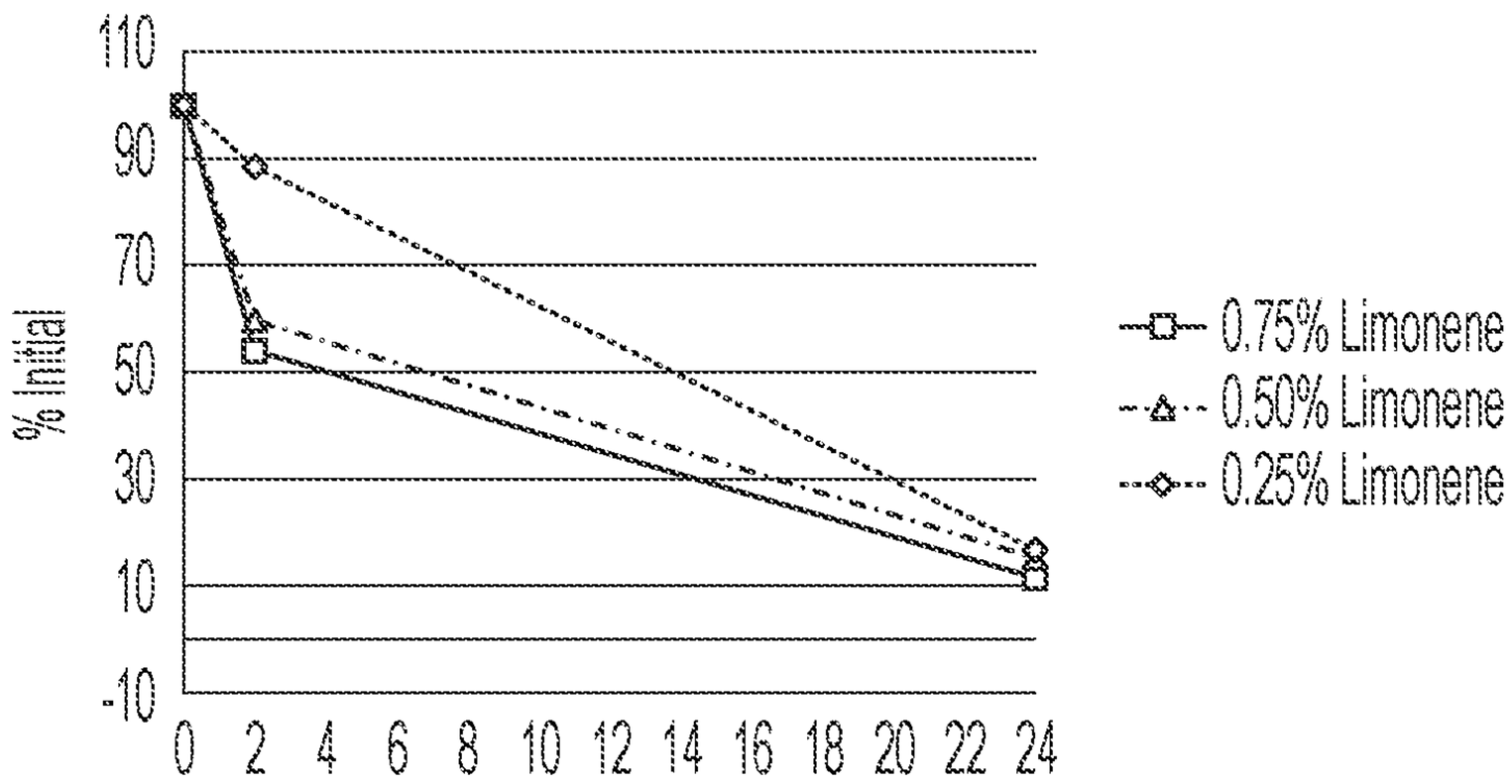

110
90
70
50
30
10
-10
% Initial
0
2
4
6
8
10
12
14
16
18
20
22
24
Time (Hrs)
0.75% Limonene
0.50% Limonene
0.25% Limonene

FIG. 13

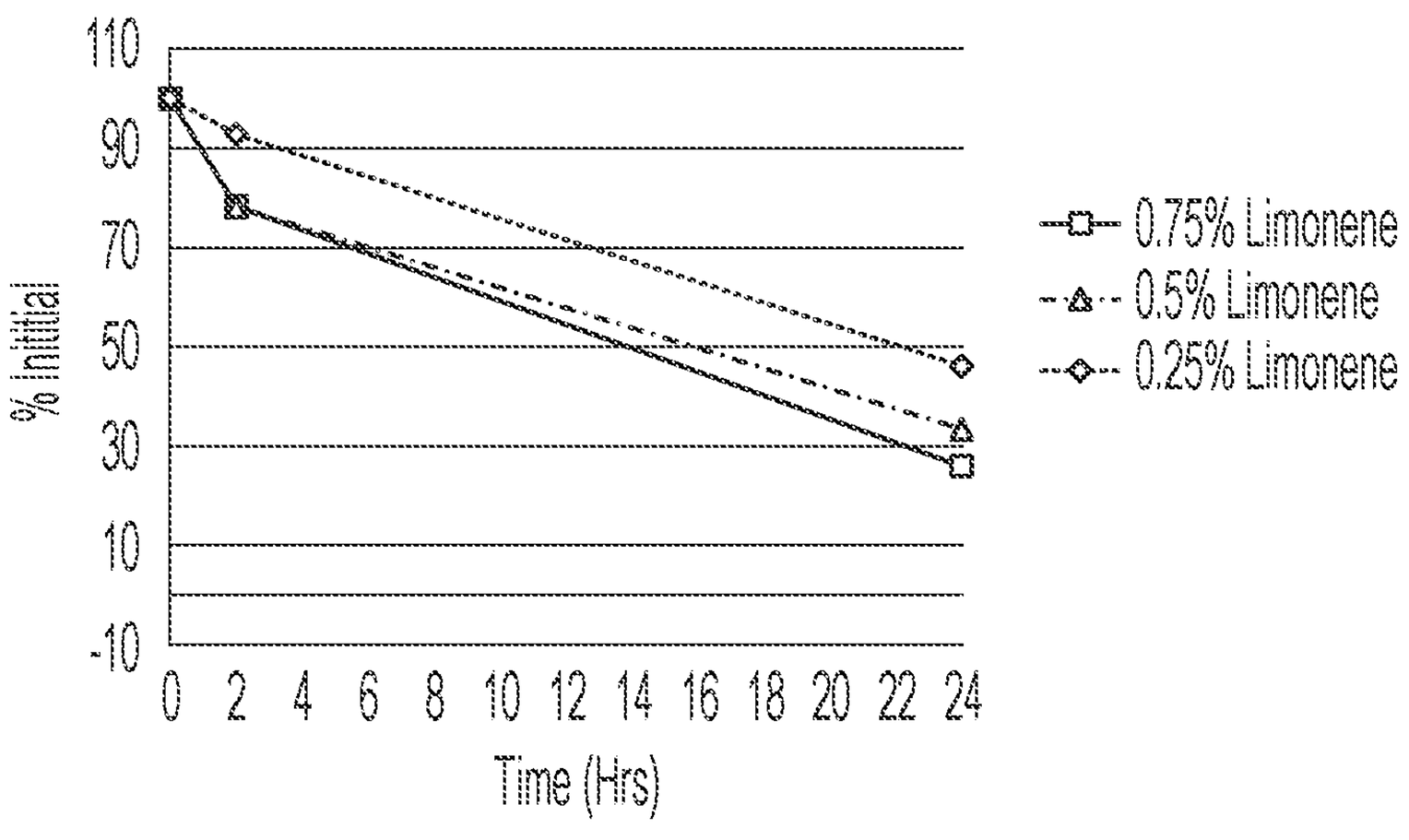

110
90
70
50
30
10
-10
% Initial
0 2 4 6 8 10 12 14 16 18 20 22 24
Time (Hrs)
0.75% Limonene
0.5% Limonene
0.25% Limonene

FIG. 14

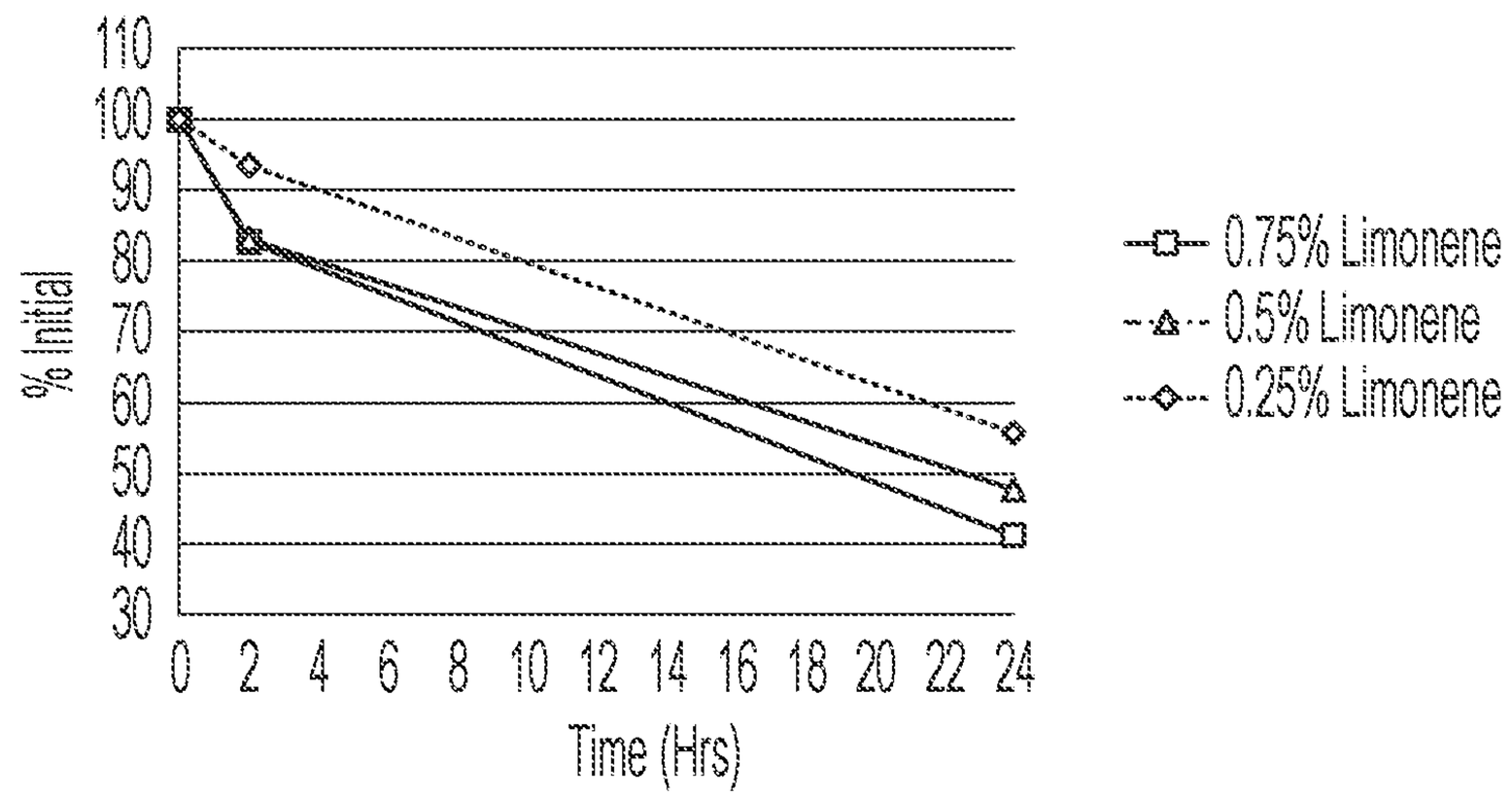

110
100
90
80
70
60
50
40
30
% Initial
0 2 4 6 8 10 12 14 16 18 20 22 24
Time (Hrs)
0.75% Limonene
0.5% Limonene
0.25% Limonene

FIG. 15

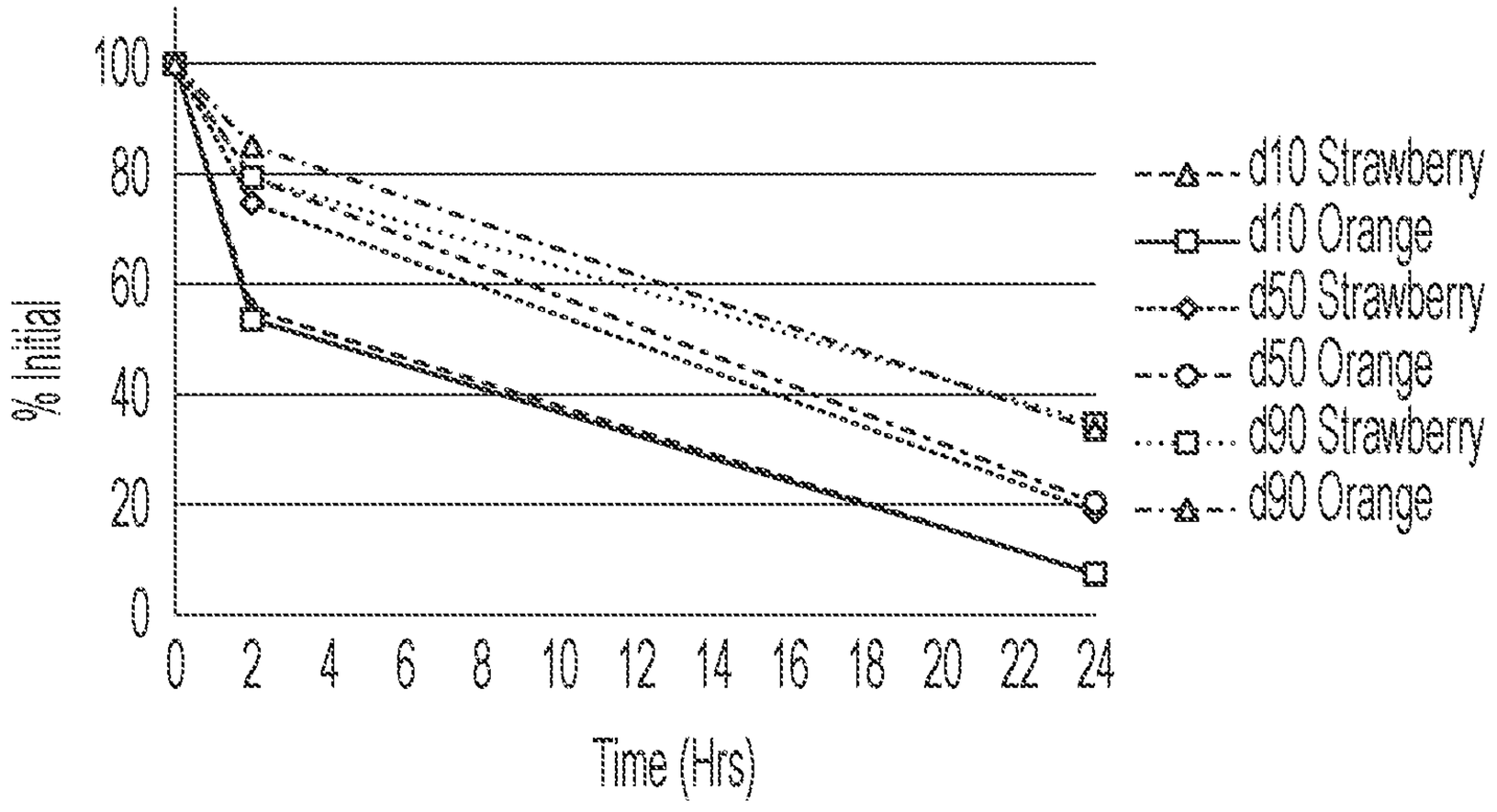

100
80
60
40
20
0
% Initial
0
2
4
6
8
10
12
14
16
18
20
22
24
Time (Hrs)
d10 Strawberry
d10 Orange
d50 Strawberry
d50 Orange
d90 Strawberry
d90 Orange

FIG. 16