

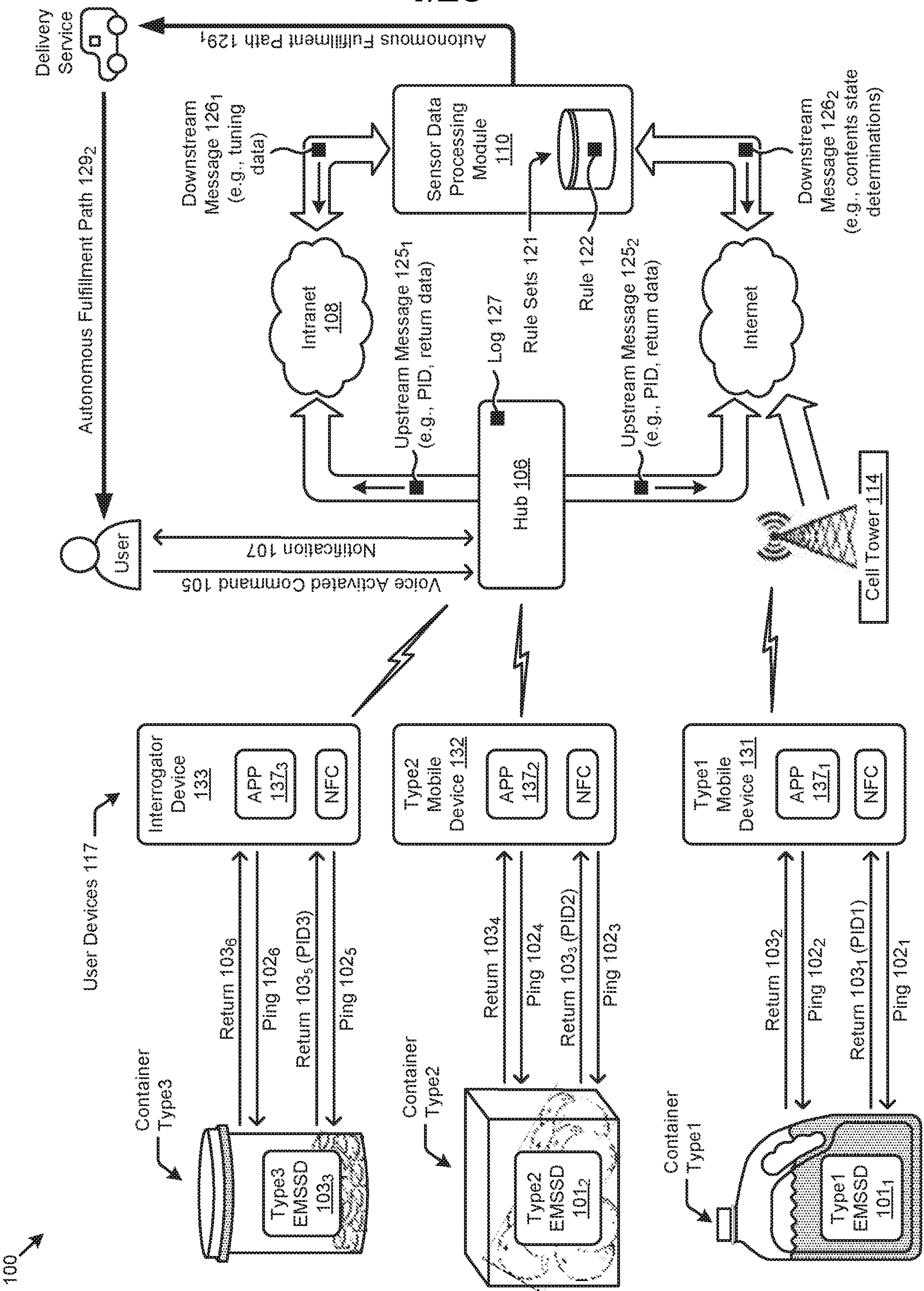


FIG. 1

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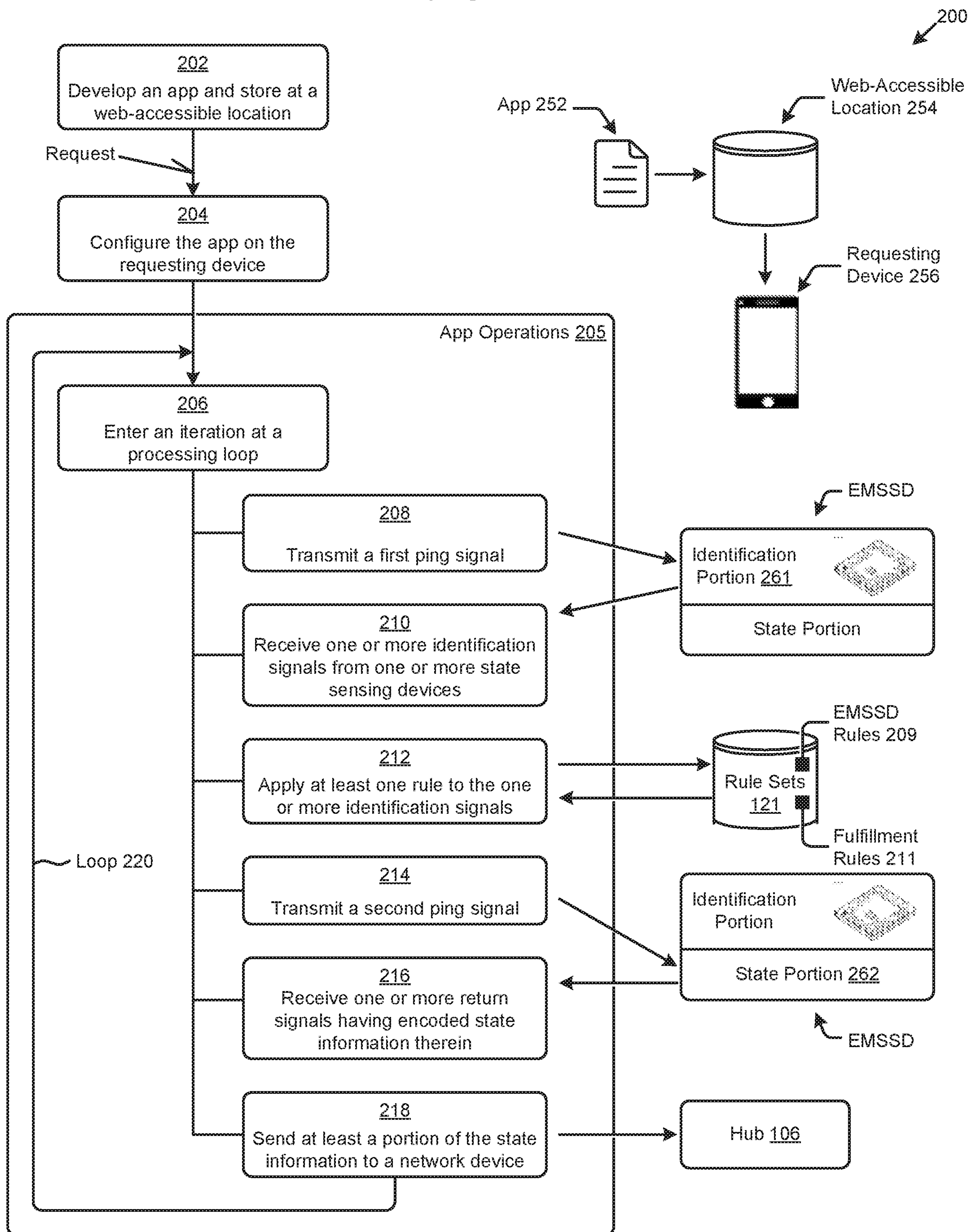


FIG. 2

3A00 

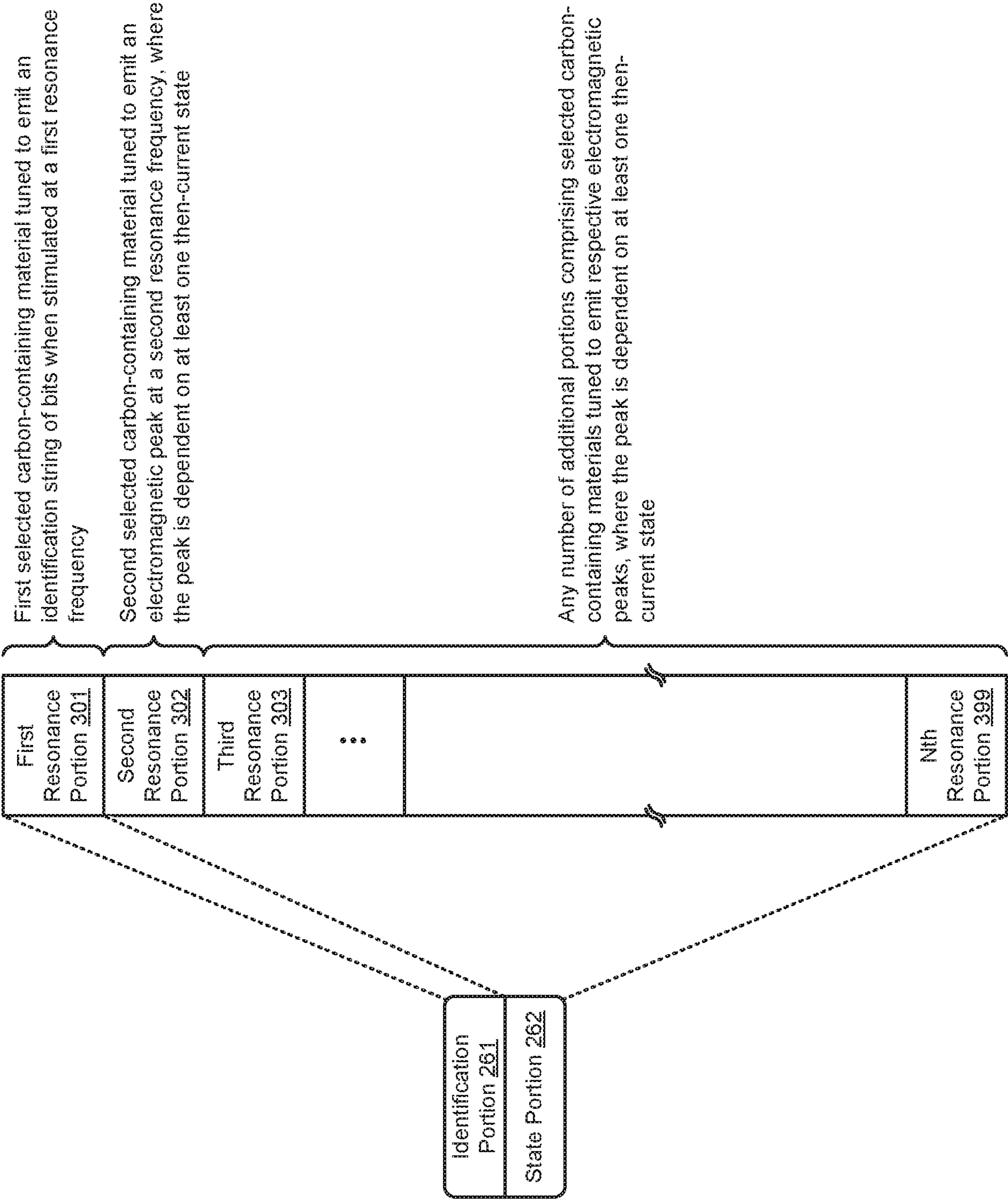


FIG. 3A

3B100 →

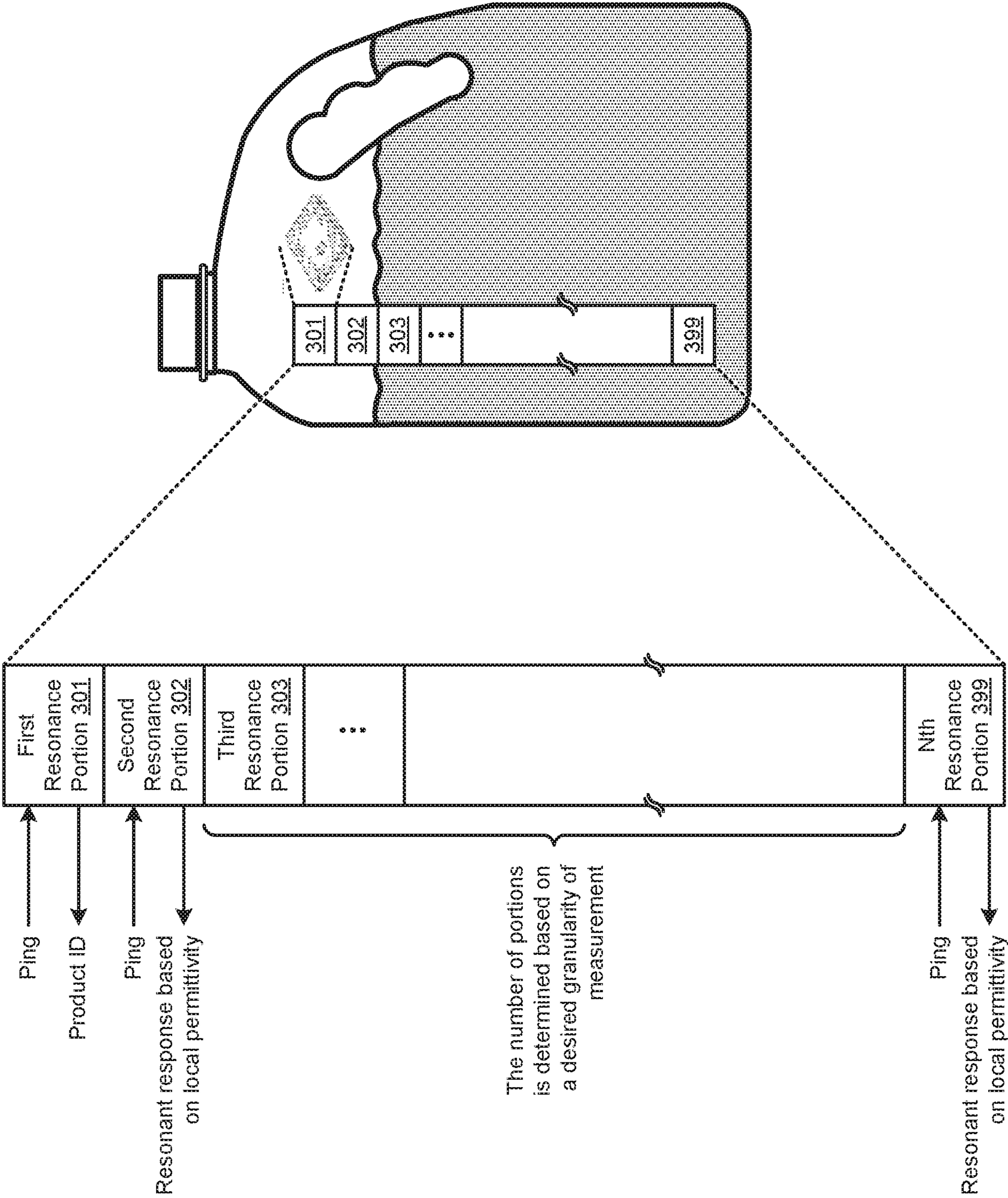


FIG. 3B1

3B200 →

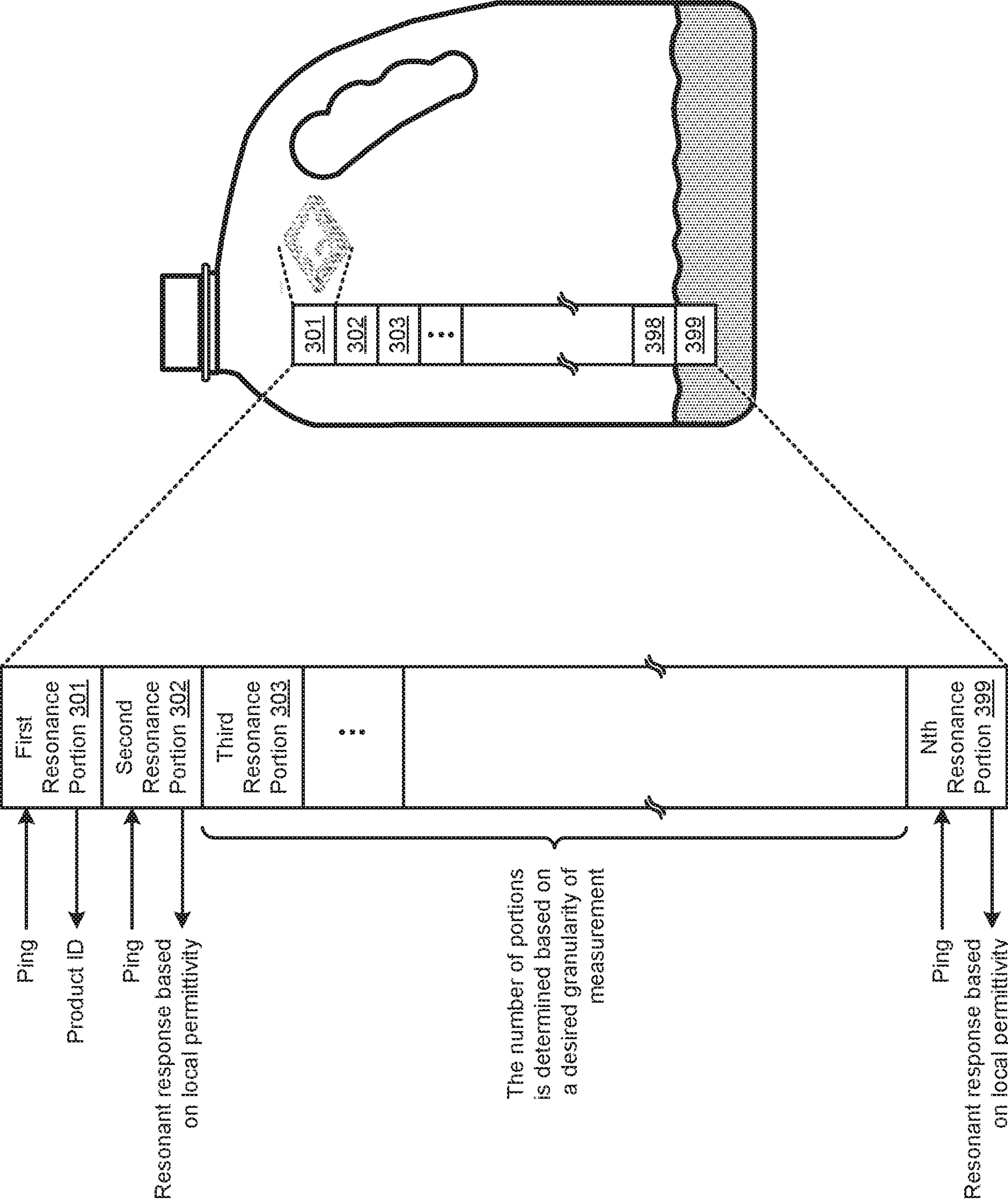


FIG. 3B2

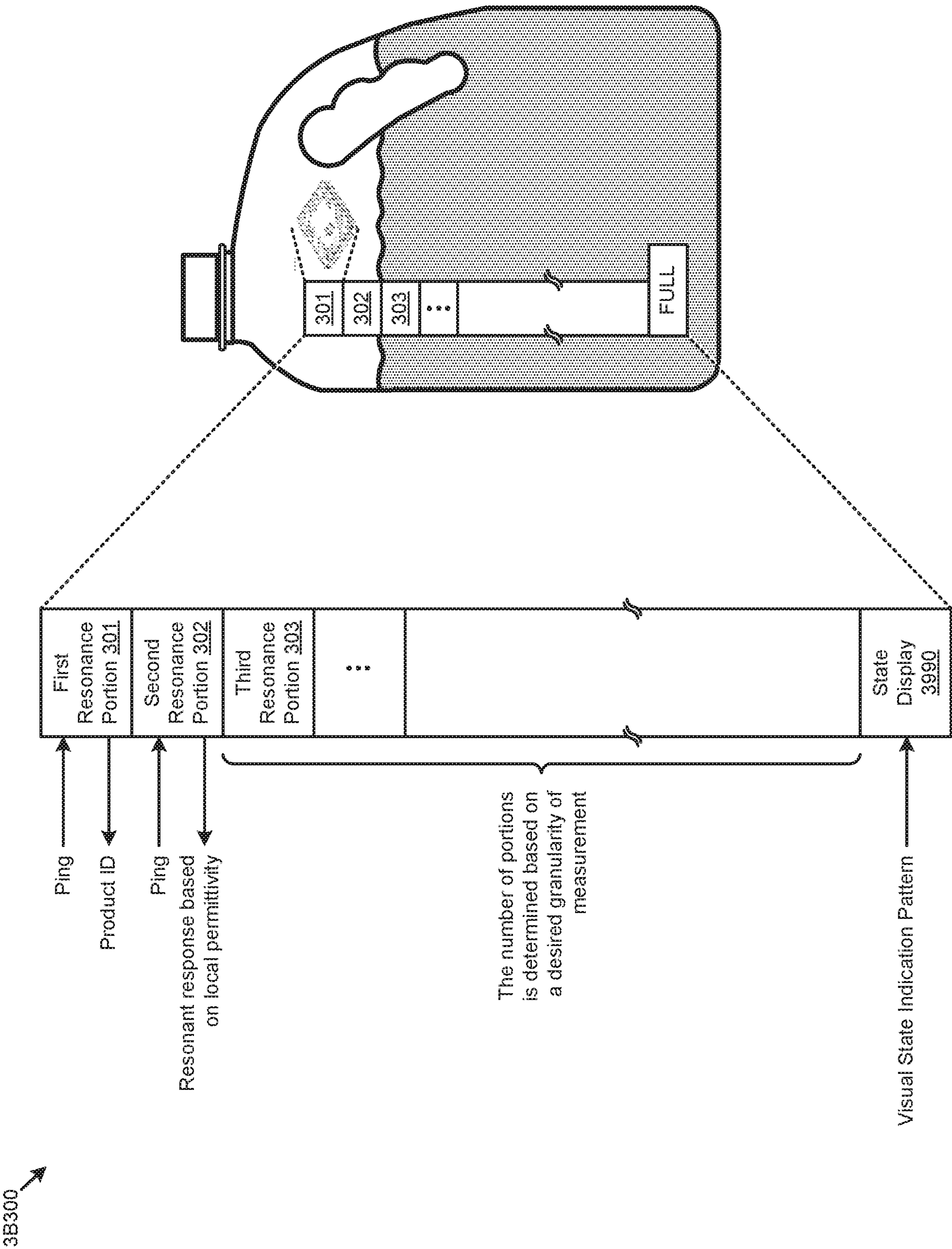
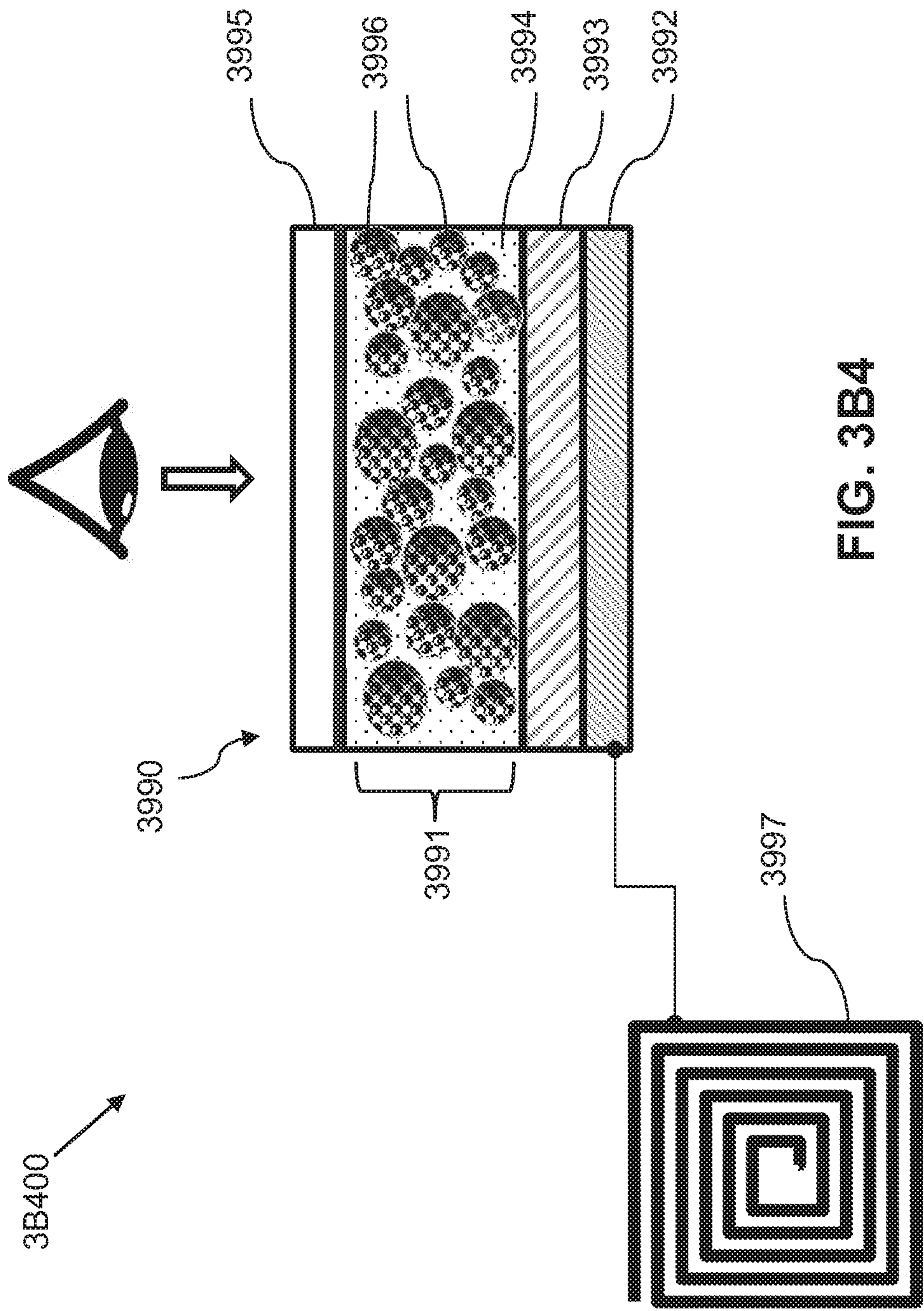


FIG. 3B3



3C00 ↘

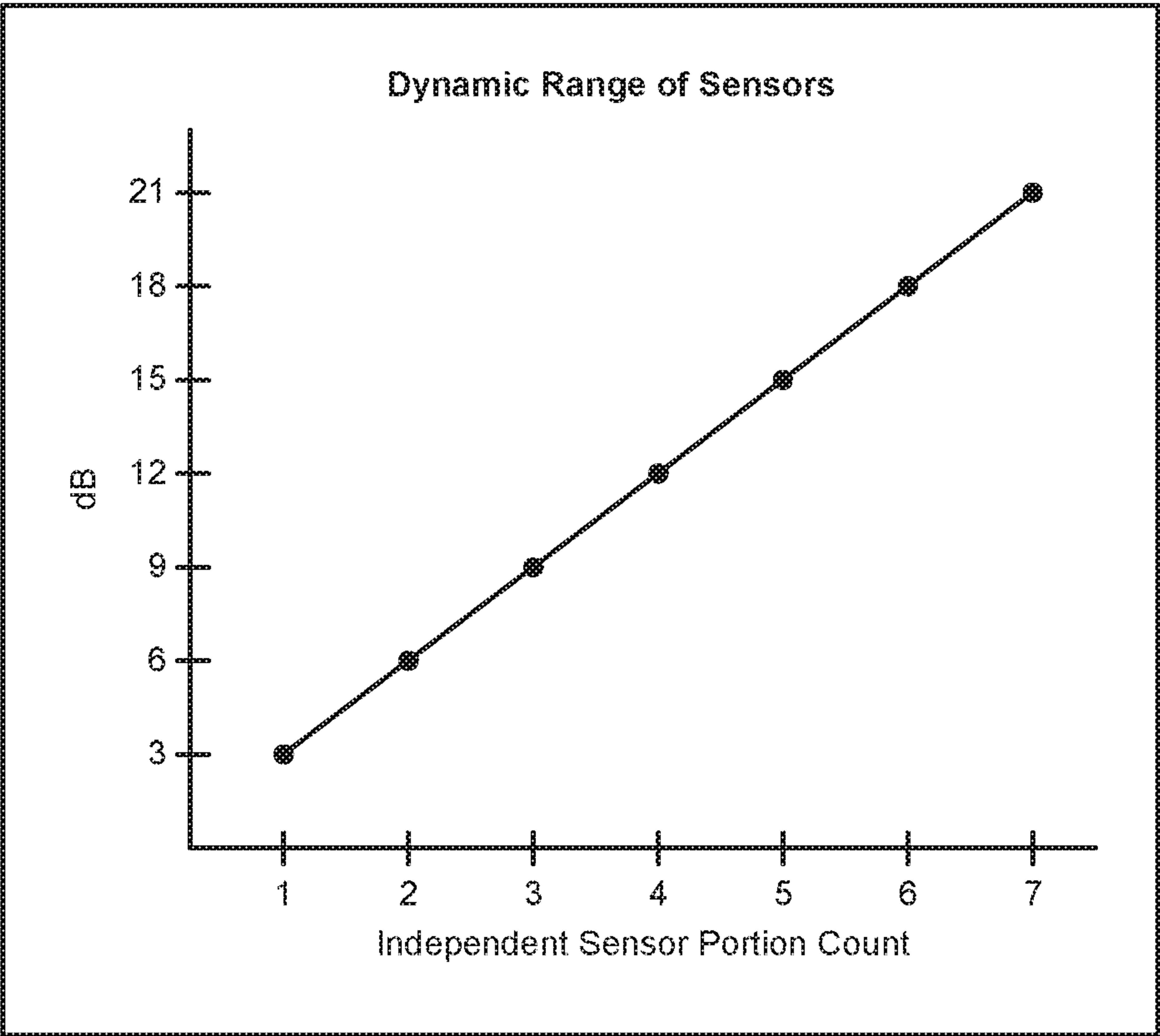


FIG. 3C

4A100

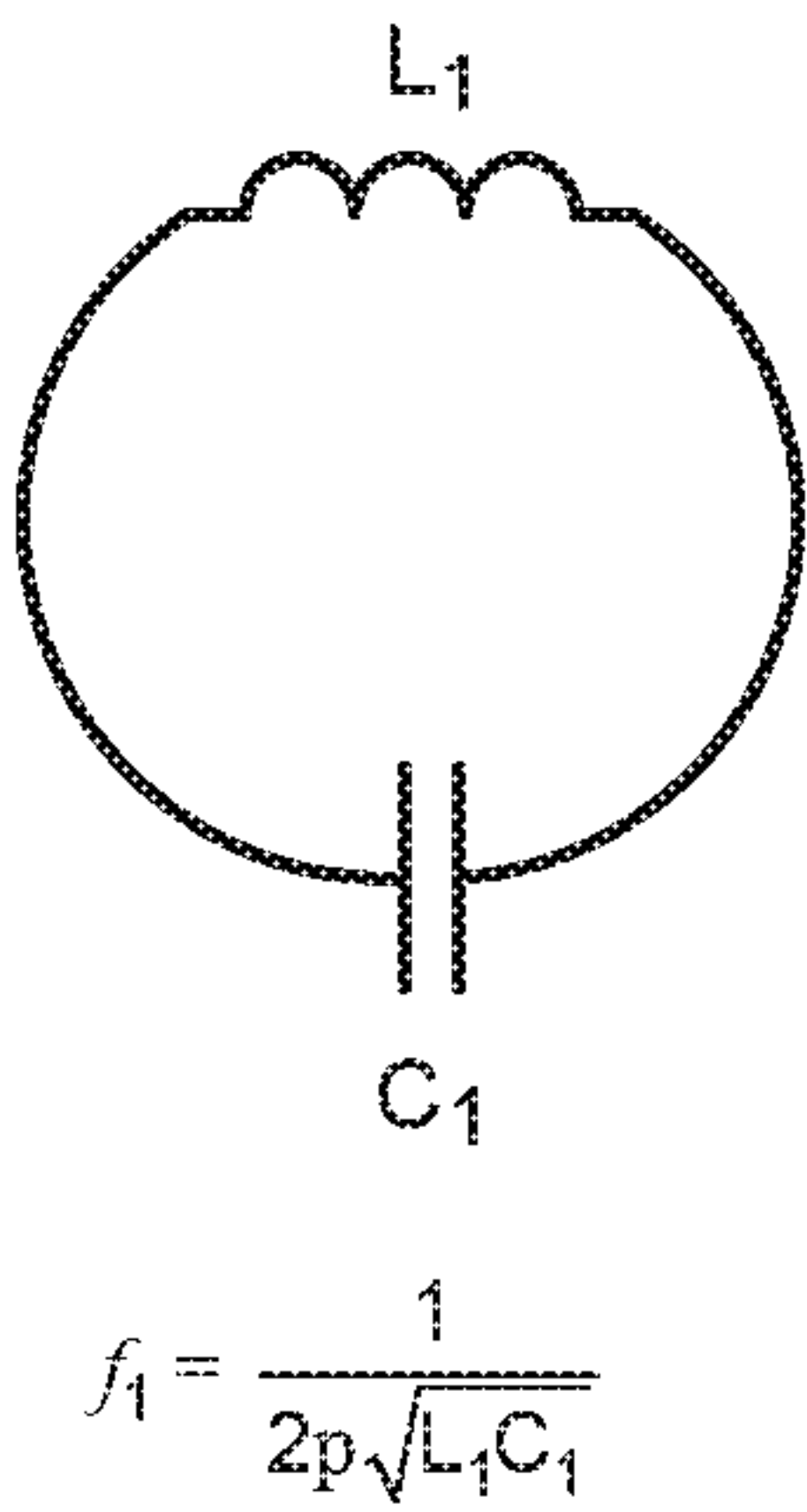
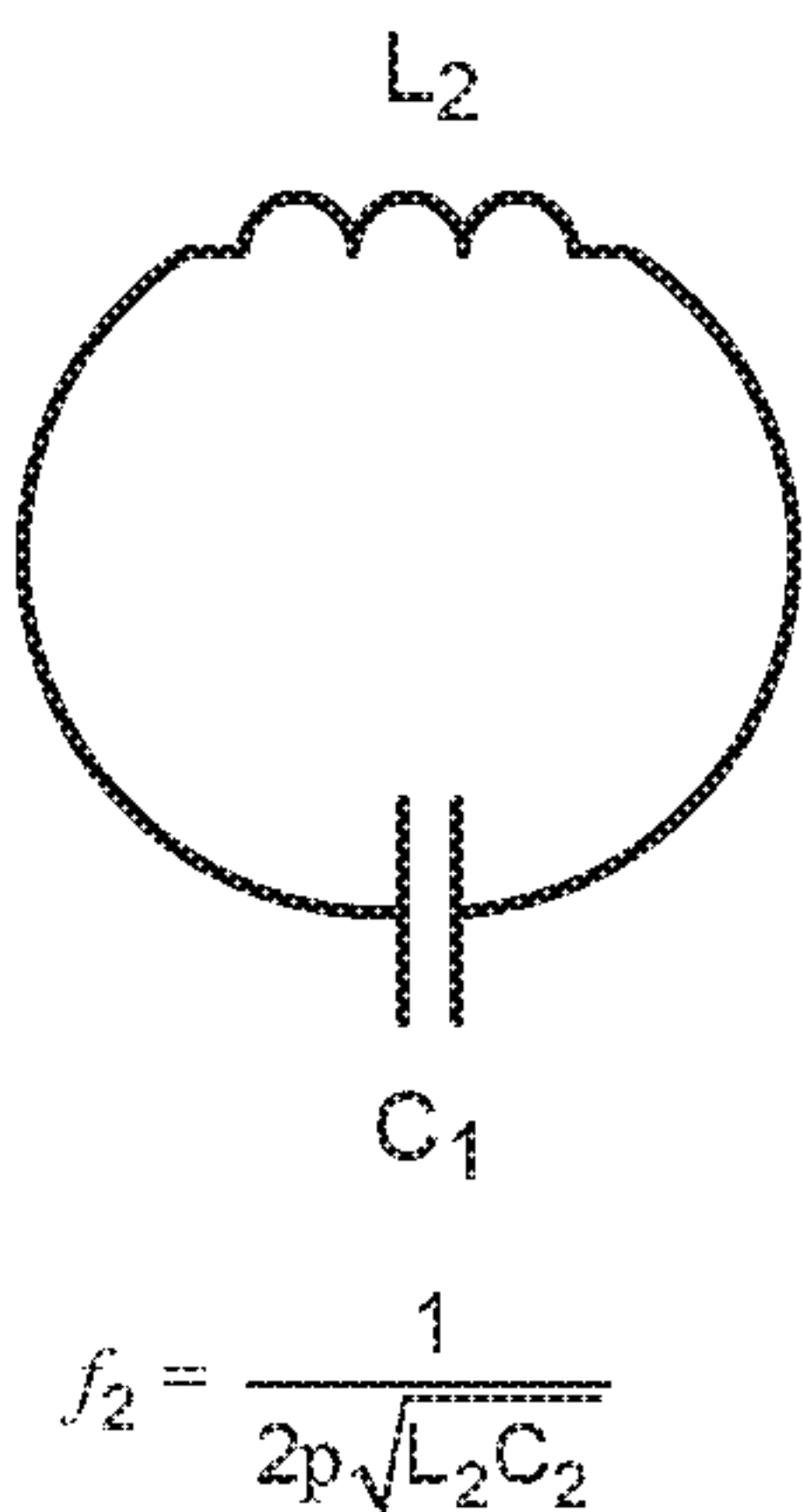


FIG. 4A1

4A200



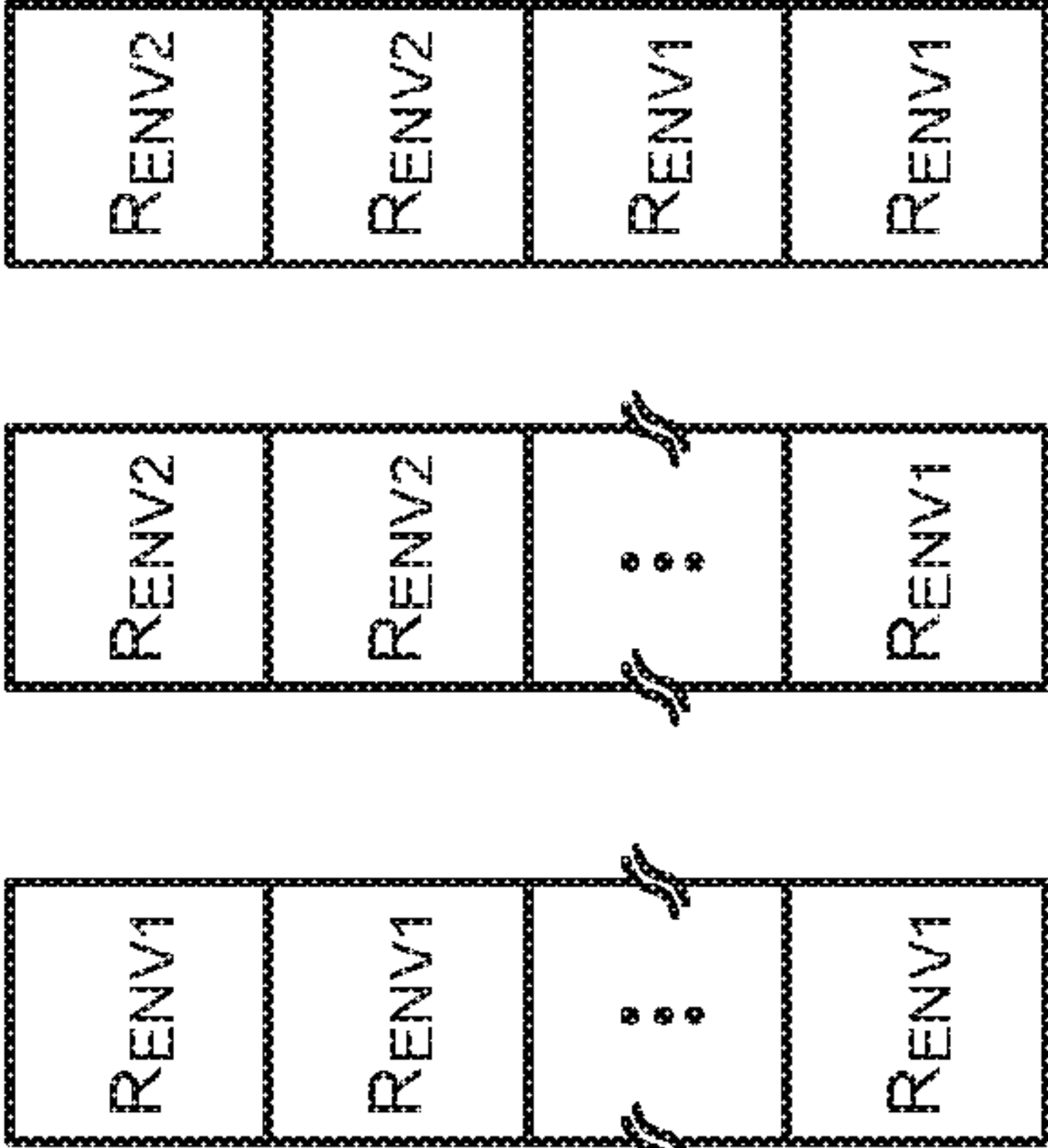
$$f_1 - f_2 = f_D$$

FIG. 4A2

Difference in response between two different environments is measured and used in calibration of a particular EMSSD

Portion ID	Response in Environment 1	Response in Environment 2
#2 (302)	$RENV1 = f(\mu, \epsilon ENV1)$	$RENV2 = f(\mu, \epsilon ENV2)$
#3 (303)	$RENV1 = f(\mu, \epsilon ENV1)$	$RENV2 = f(\mu, \epsilon ENV2)$
⋮	⋮	⋮
#99 (399)	$RENV1 = f(\mu, \epsilon ENV1)$	$RENV2 = f(\mu, \epsilon ENV2)$

Empirical Measurement Scenarios 460



State_{Full} Scenario 461

State_{NearEmpty} Scenario 462

State_{Half} Scenario 463

FIG. 4B

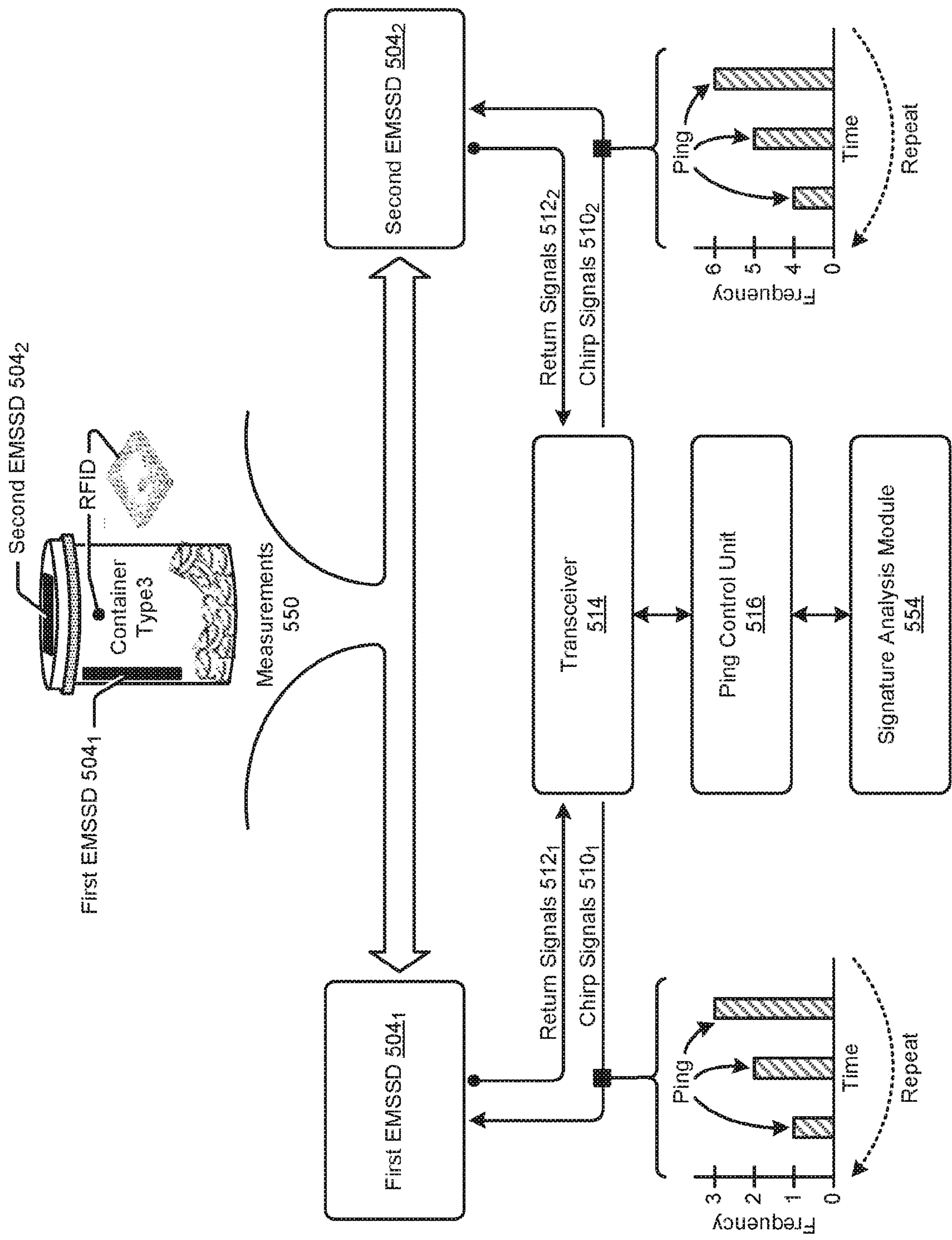


FIG. 5A

5A00

5B00

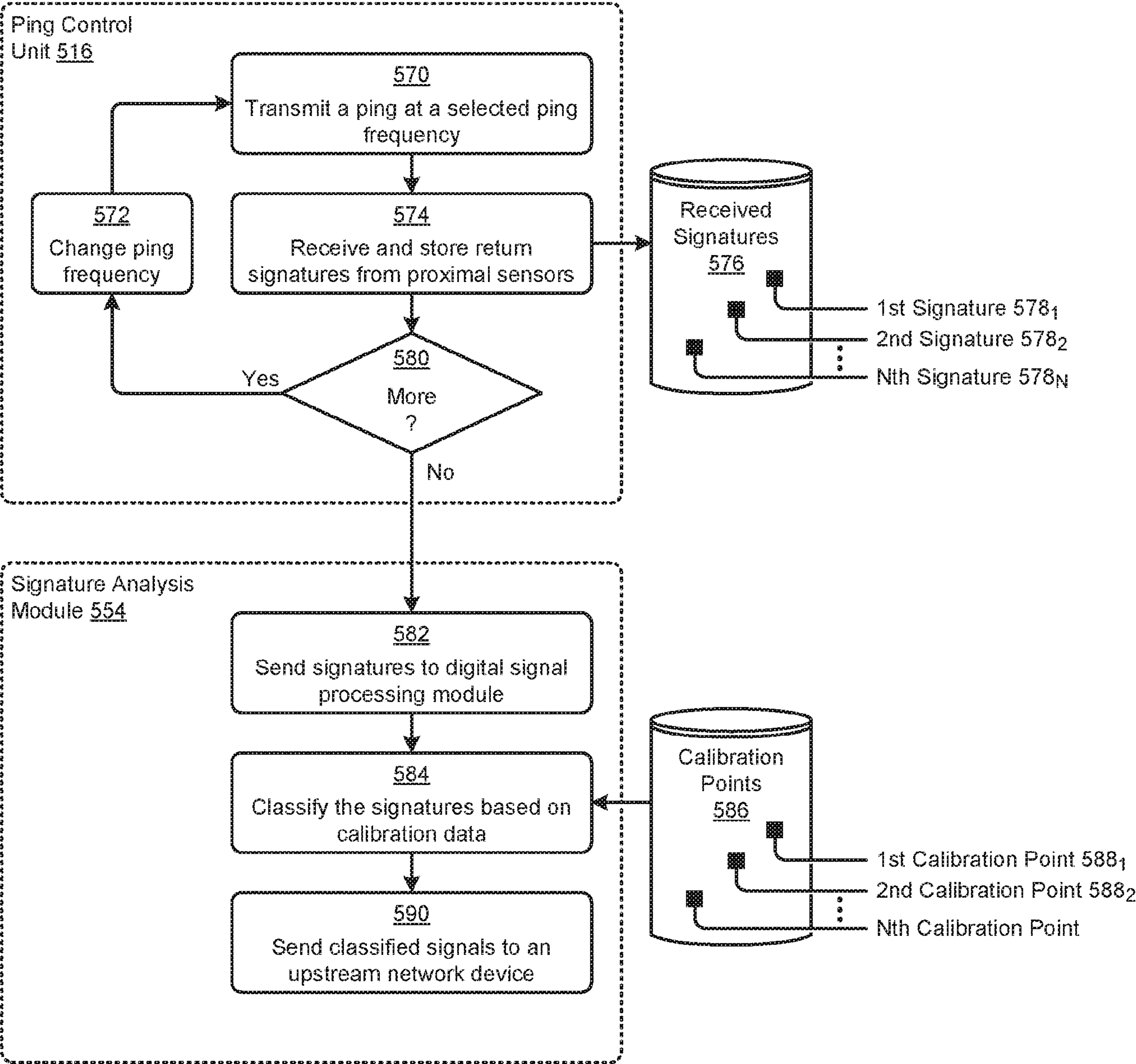


FIG. 5B

600

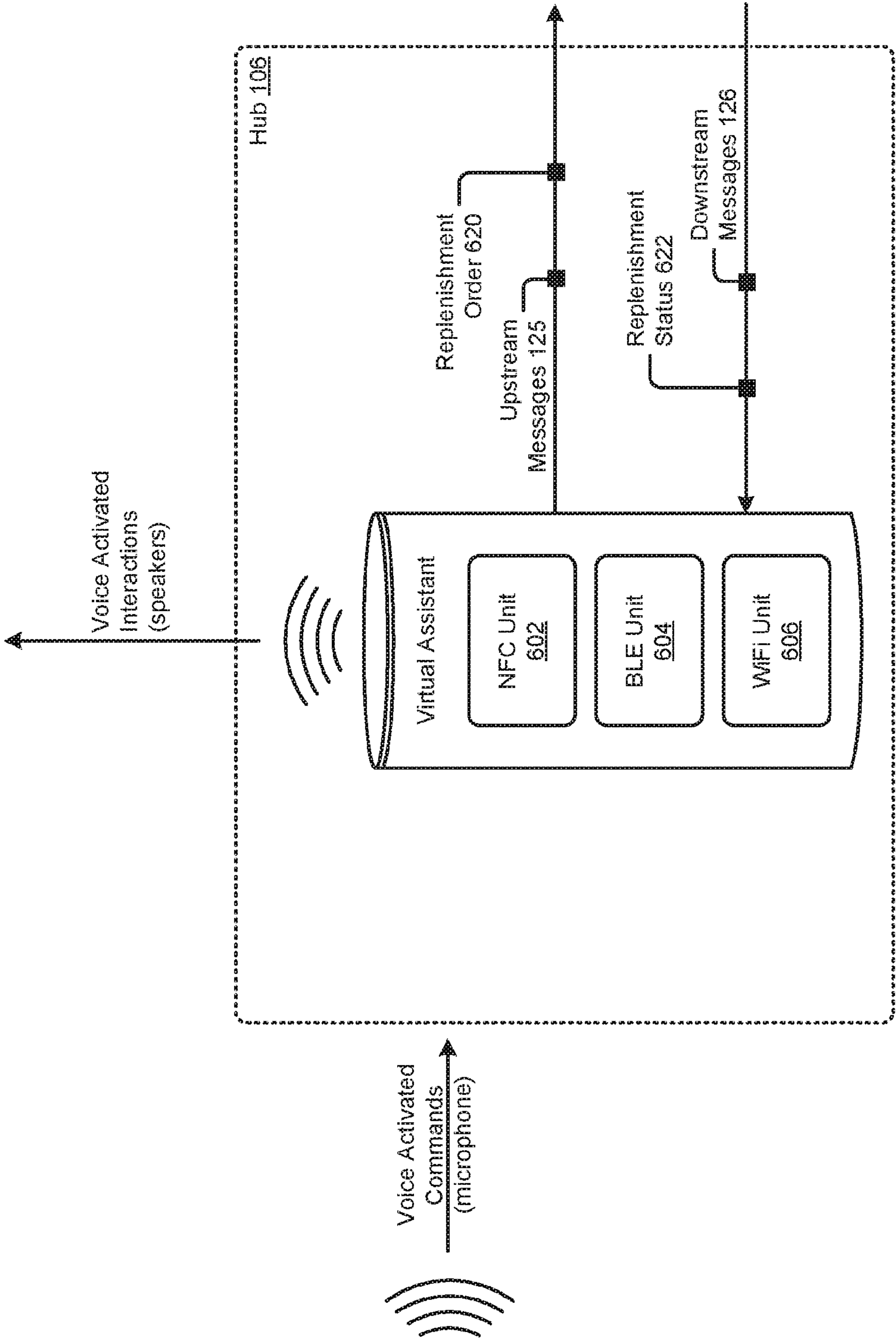


FIG. 6

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7A00

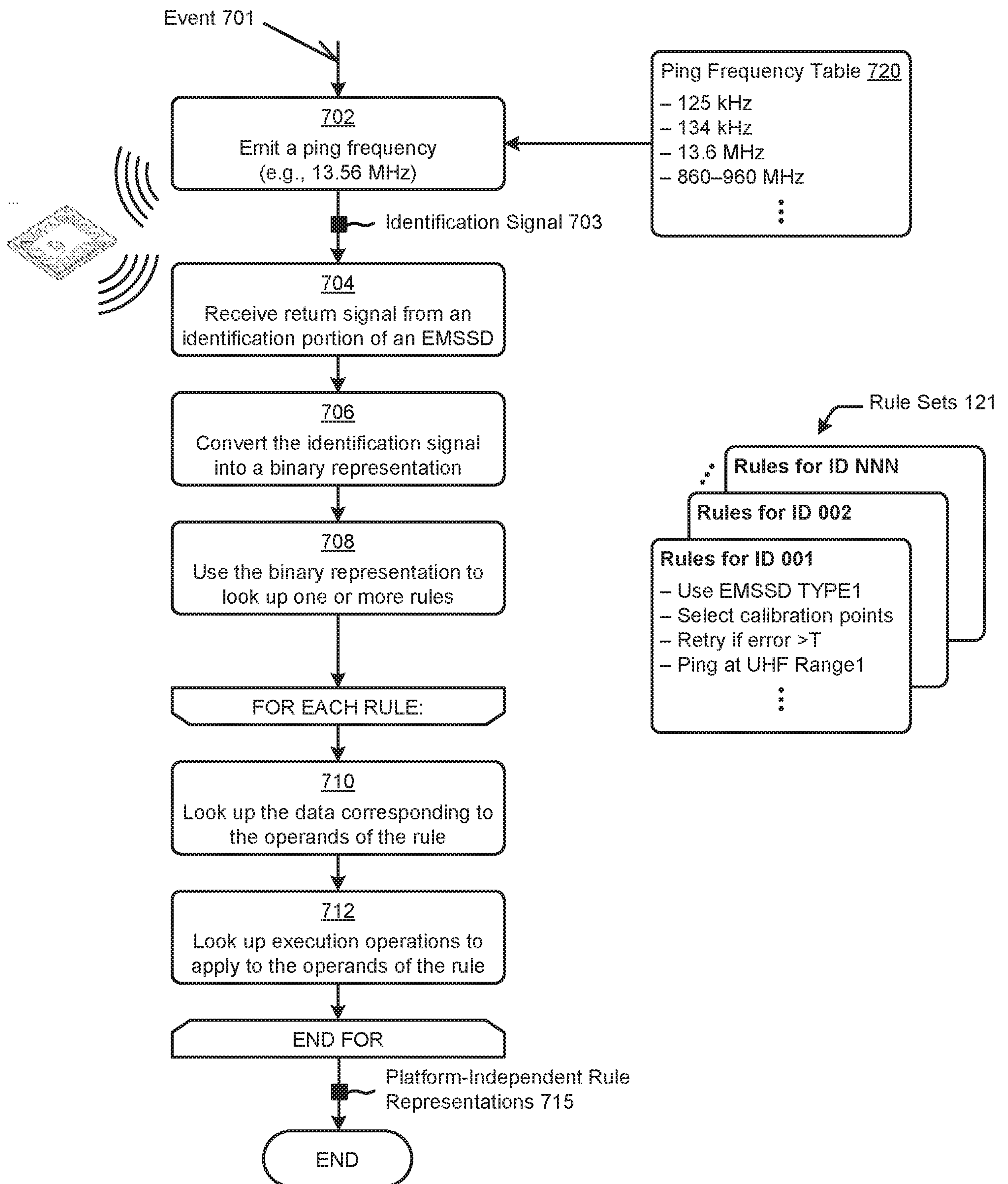
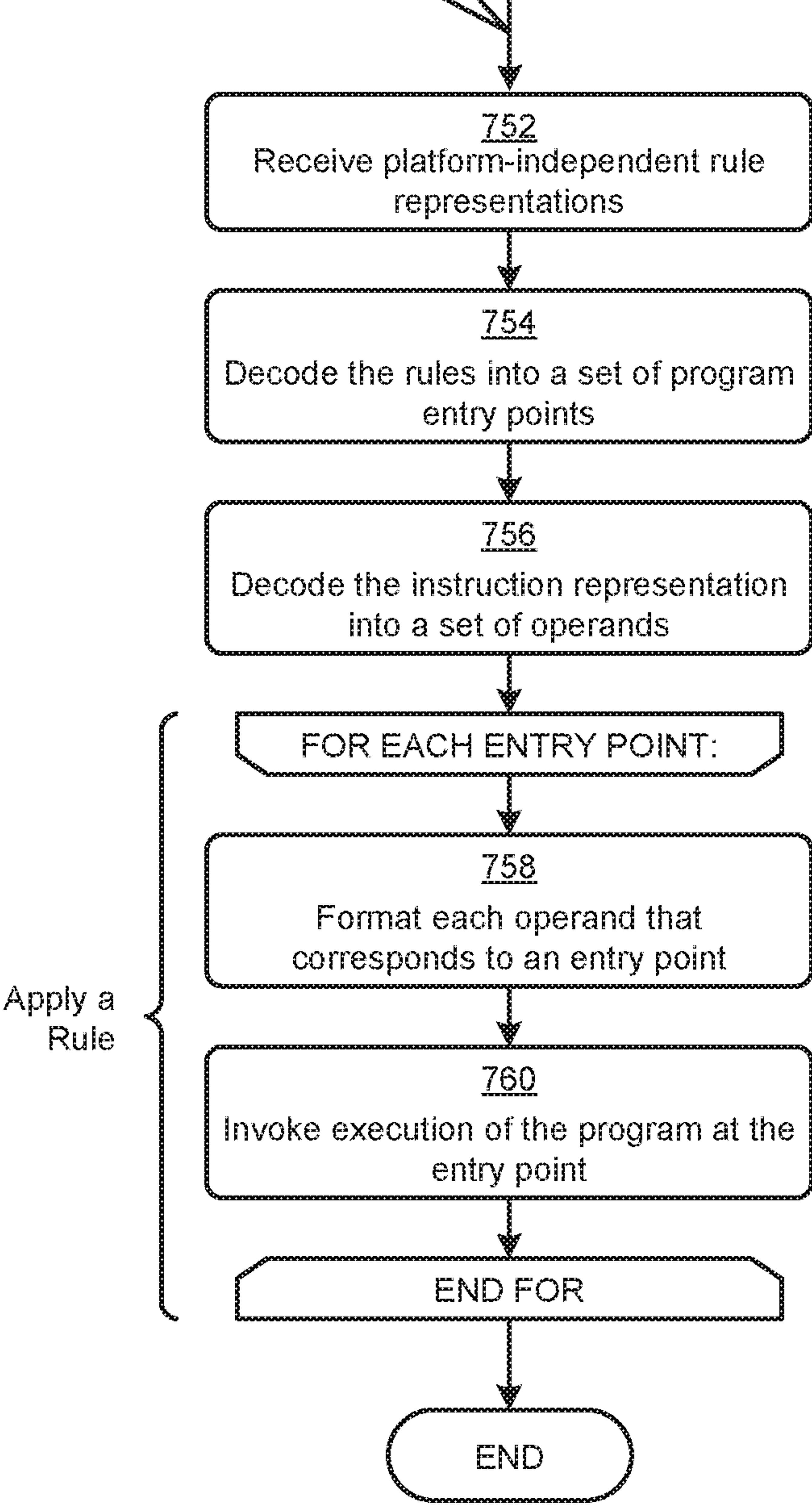


FIG. 7A

7B00

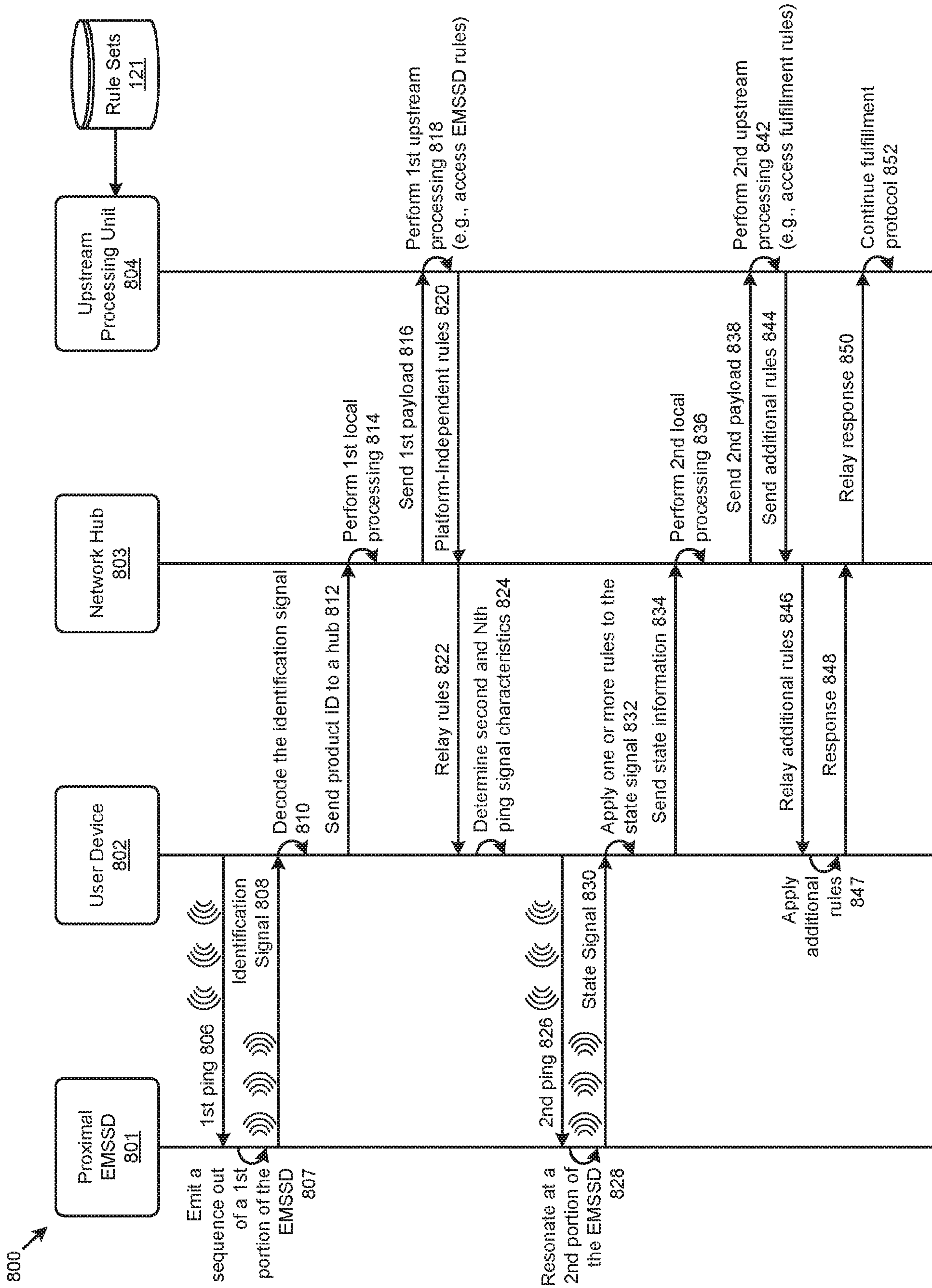
Platform-Independent Rule
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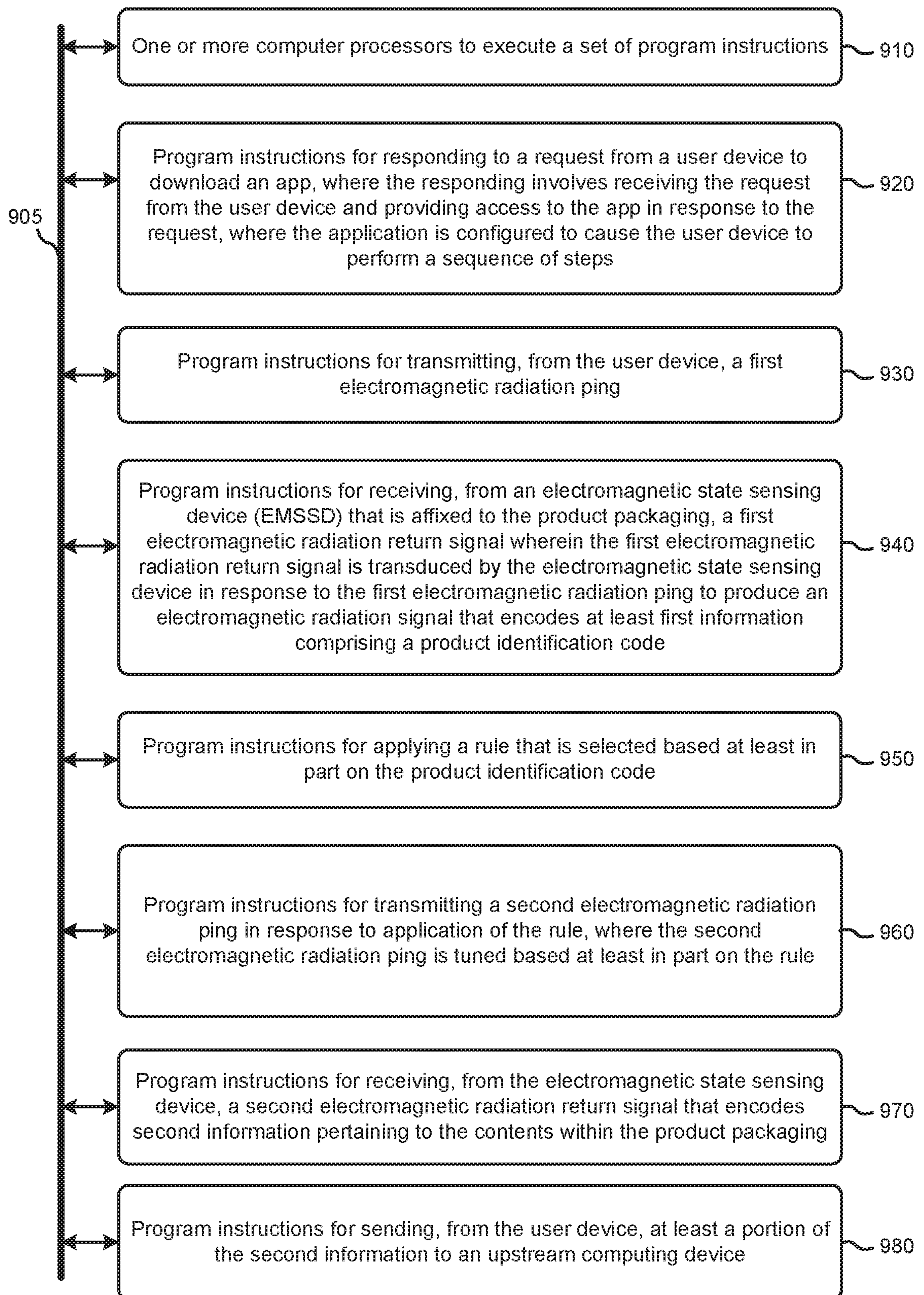


Formatting
Table 757

Given Operand	Formatted Value
Range1	2.34 GHz – 2.47 GHz
Range2	2.75 GHz
⋮	⋮
RangeN	N GHz
⋮	⋮
Sweep	4.5 GHz – 5 GHz
⋮	⋮

FIG. 7B



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↓**FIG. 9**

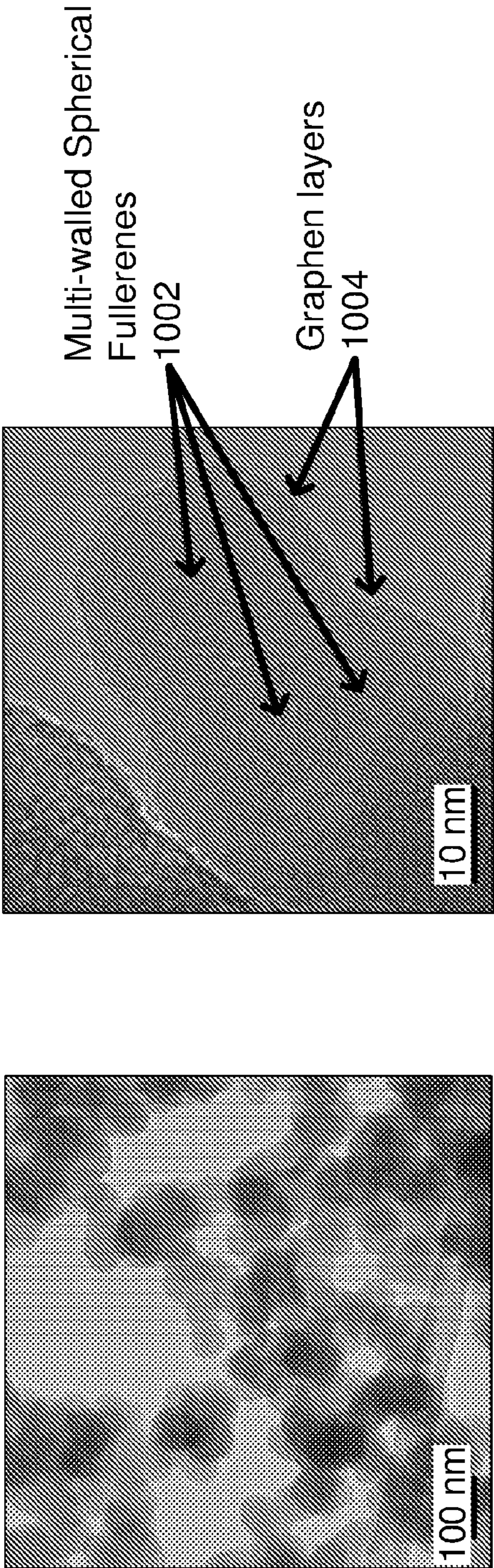


FIG. 10B

FIG. 10A

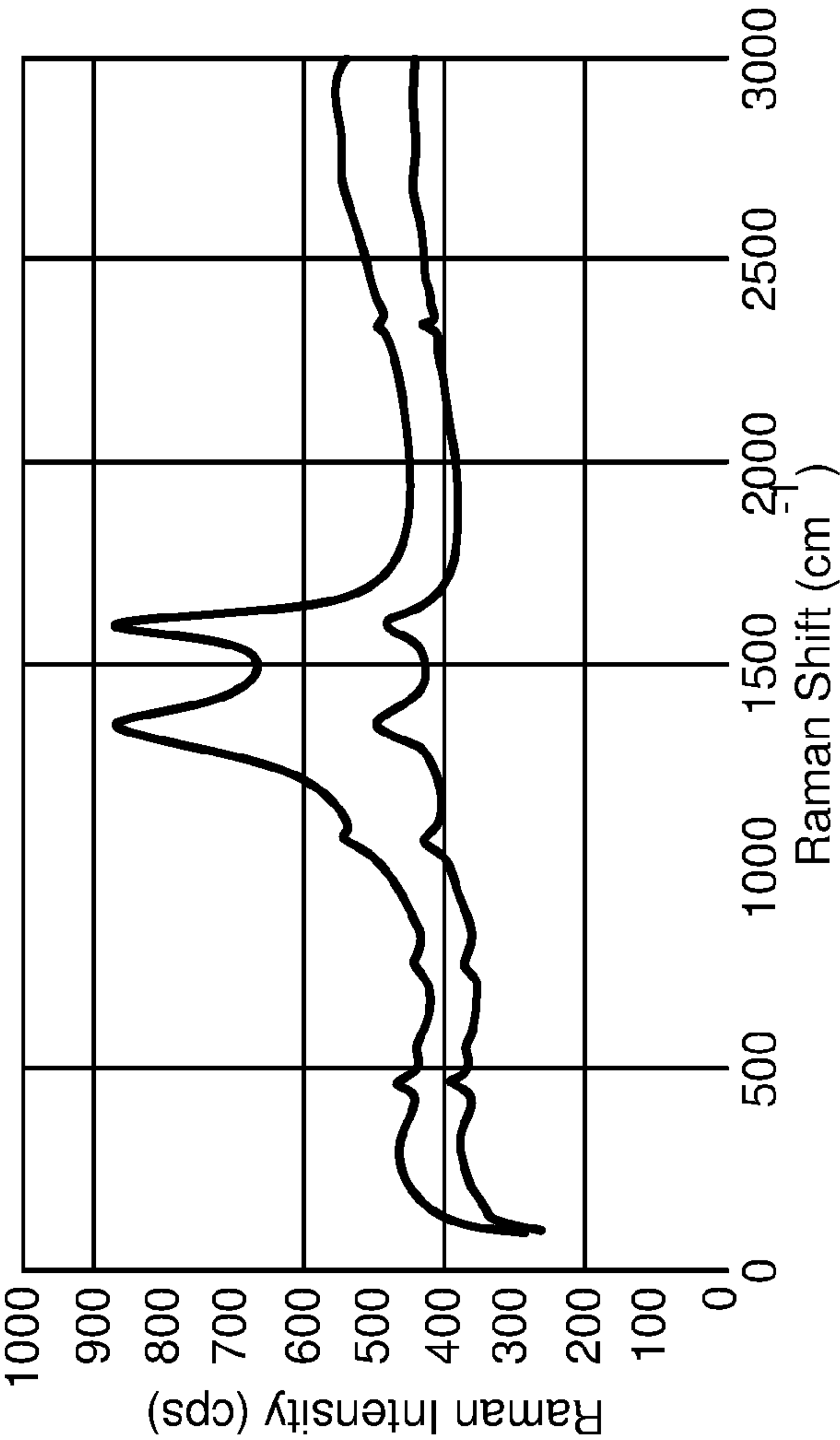


FIG. 10C

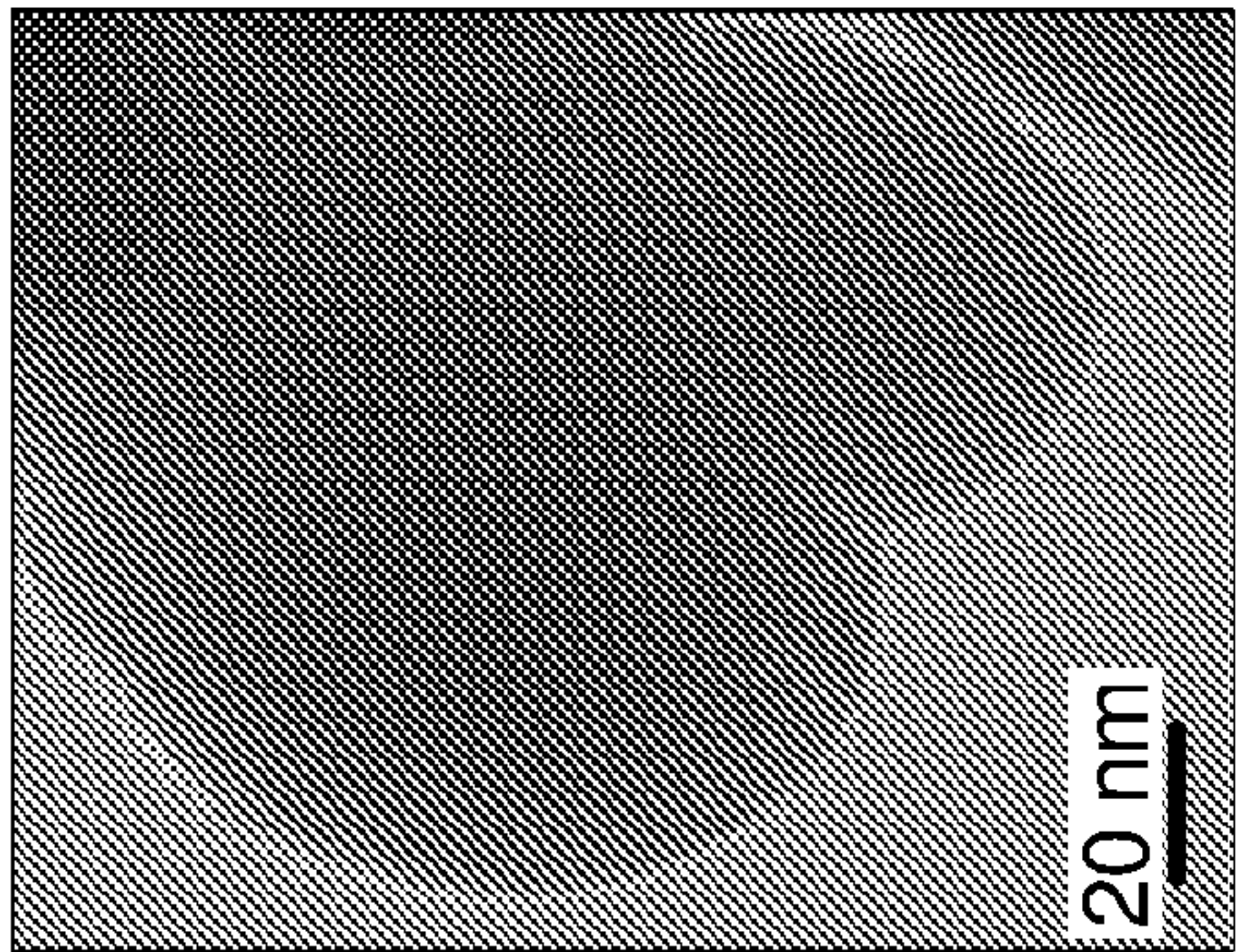


FIG. 10E

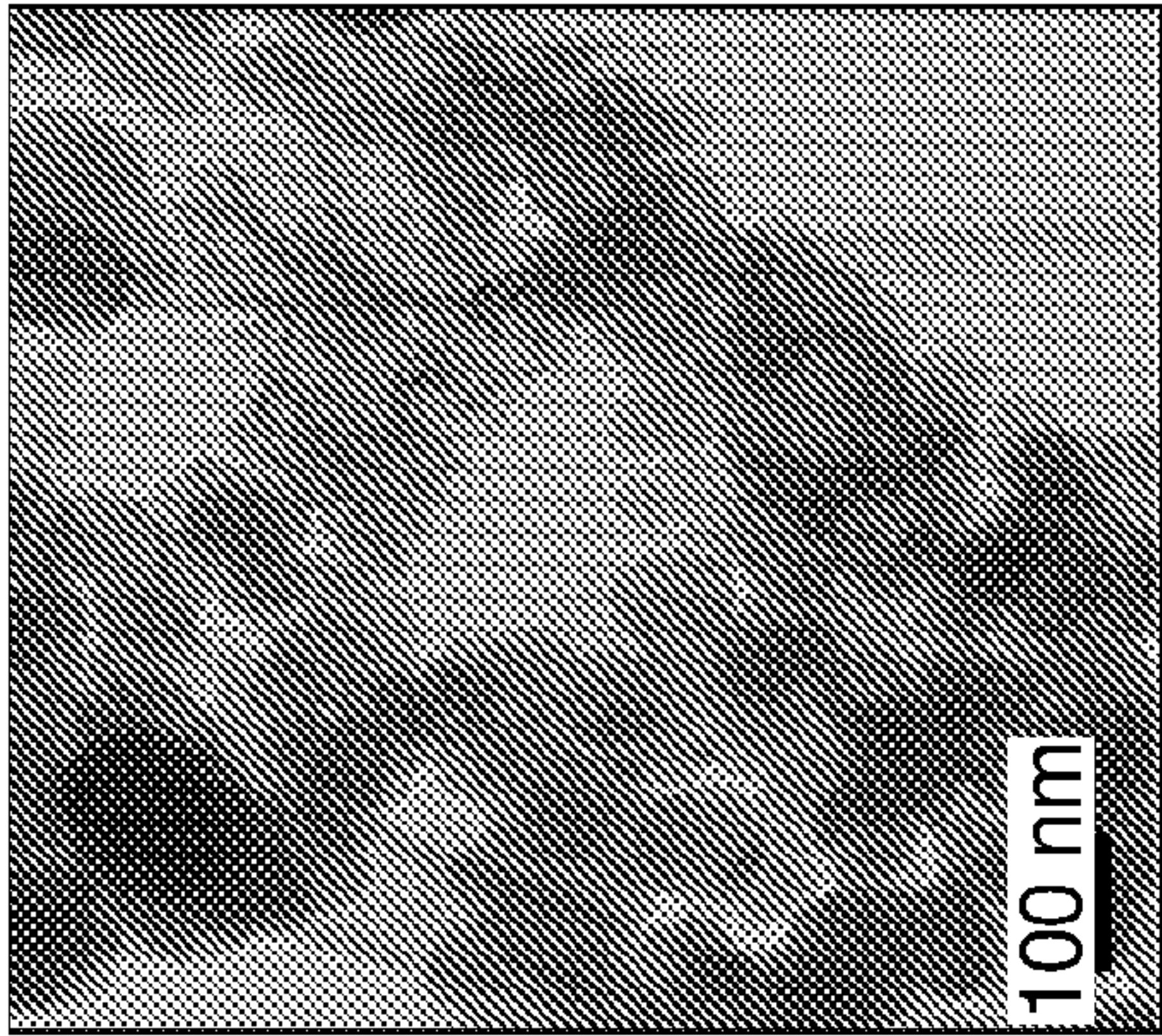


FIG. 10D

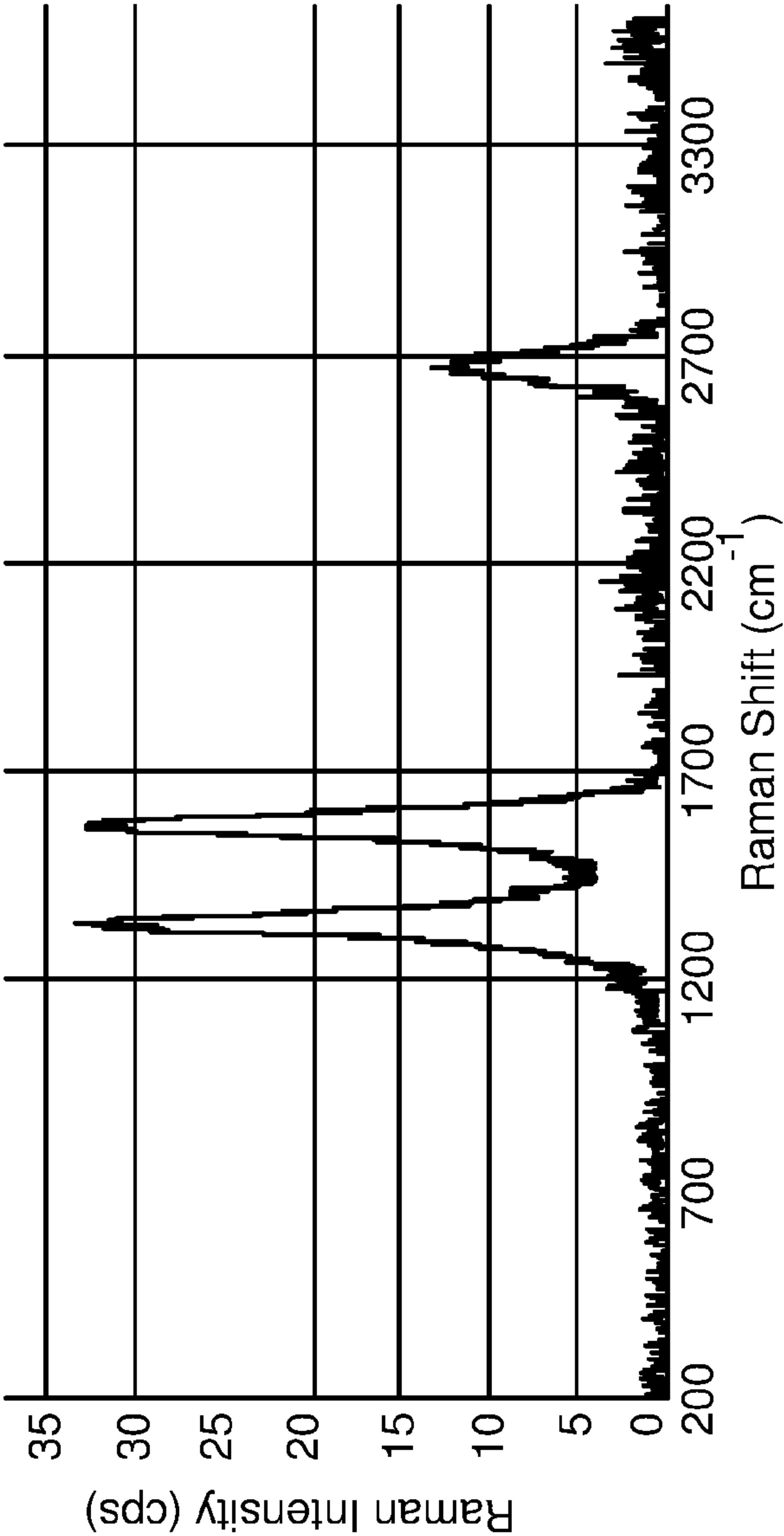


FIG. 10F

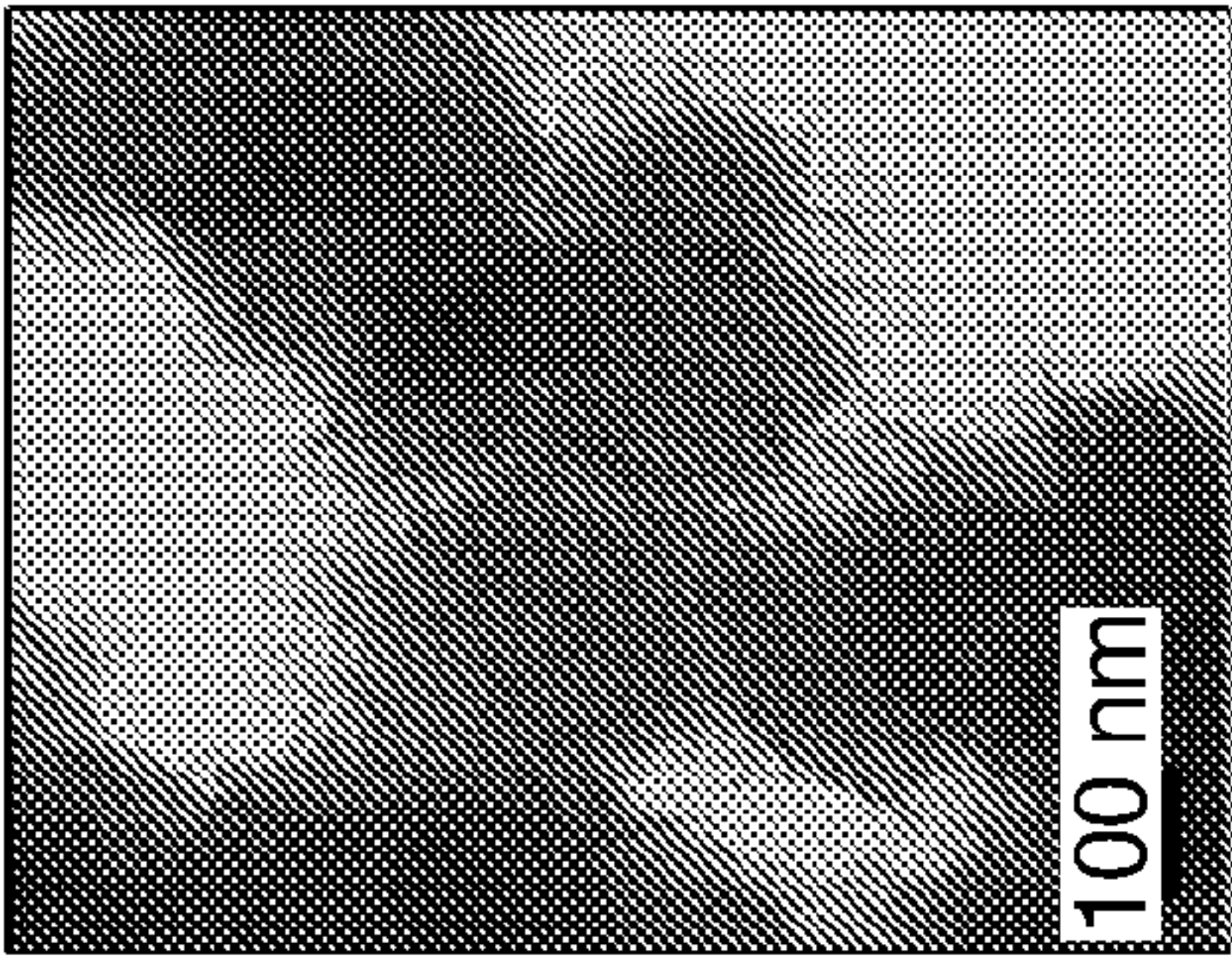


FIG. 10G

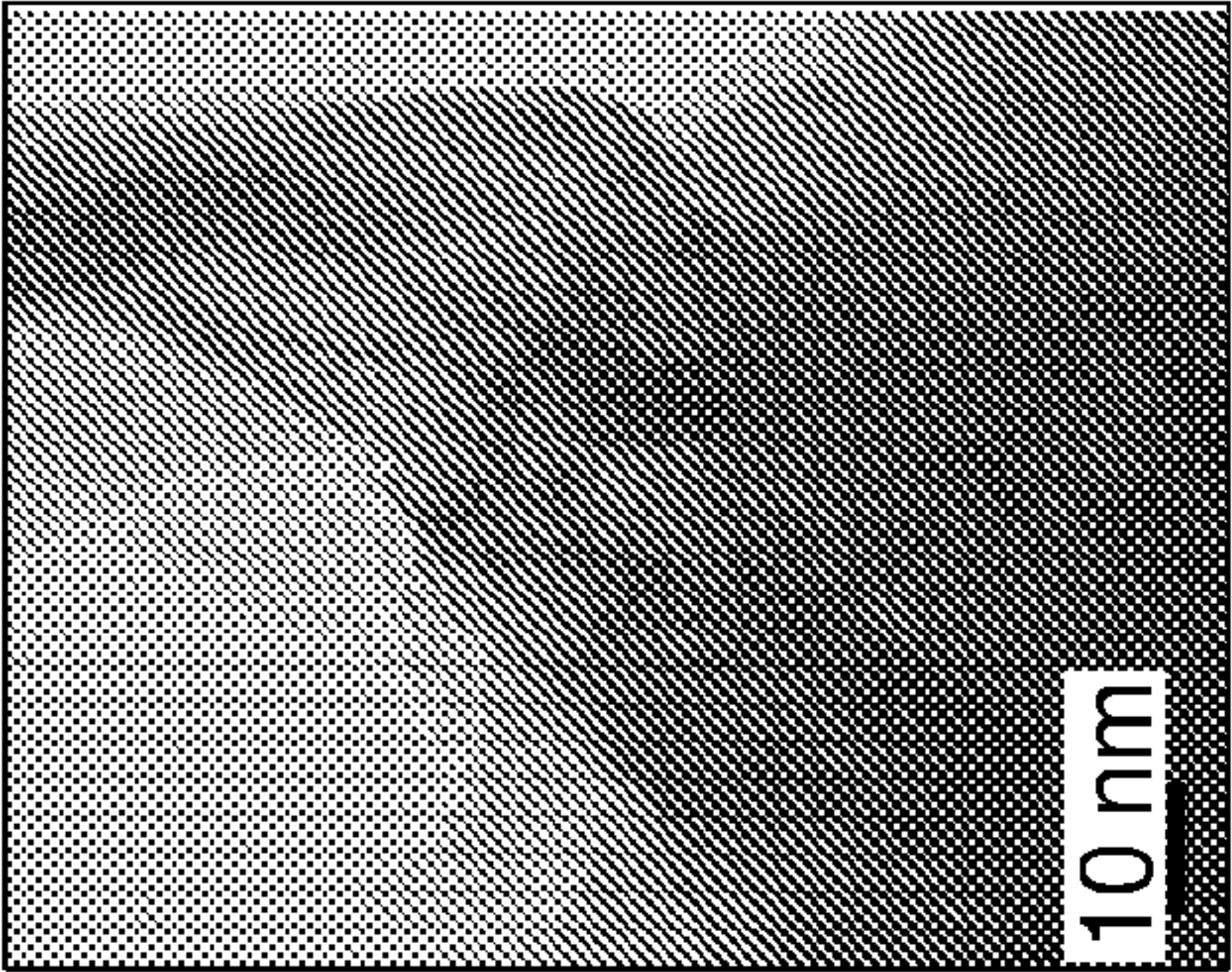


FIG. 10H

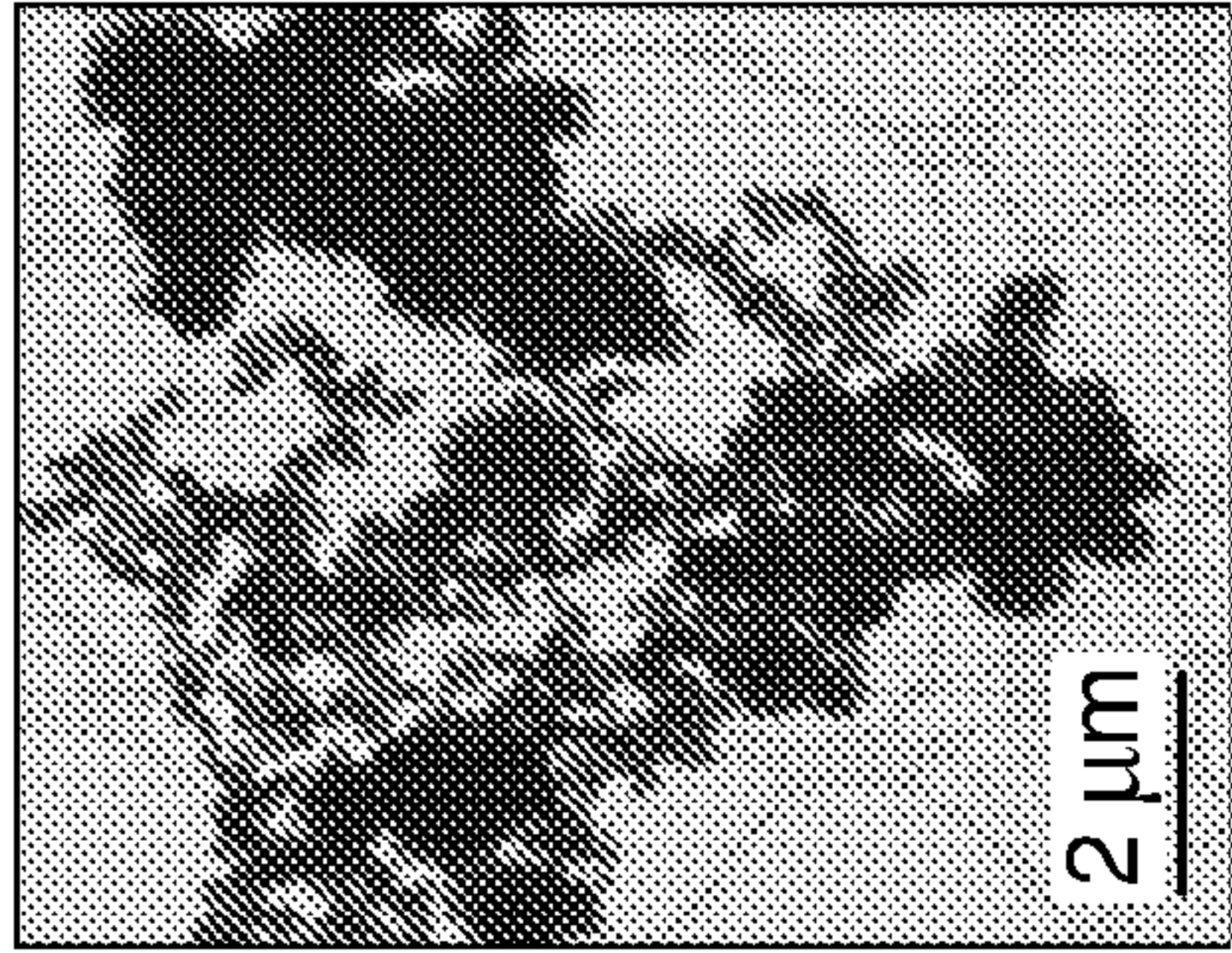


FIG. 10I

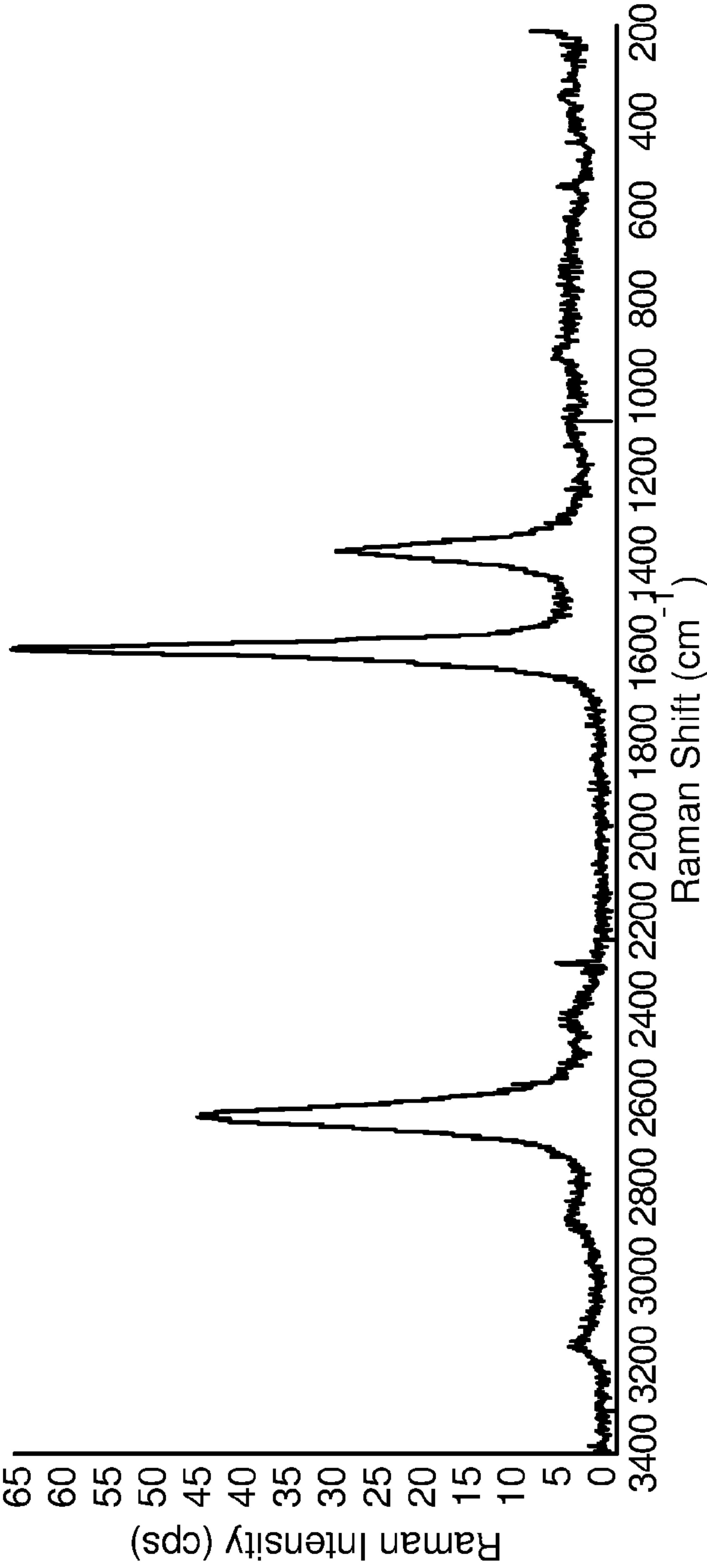


FIG. 10J

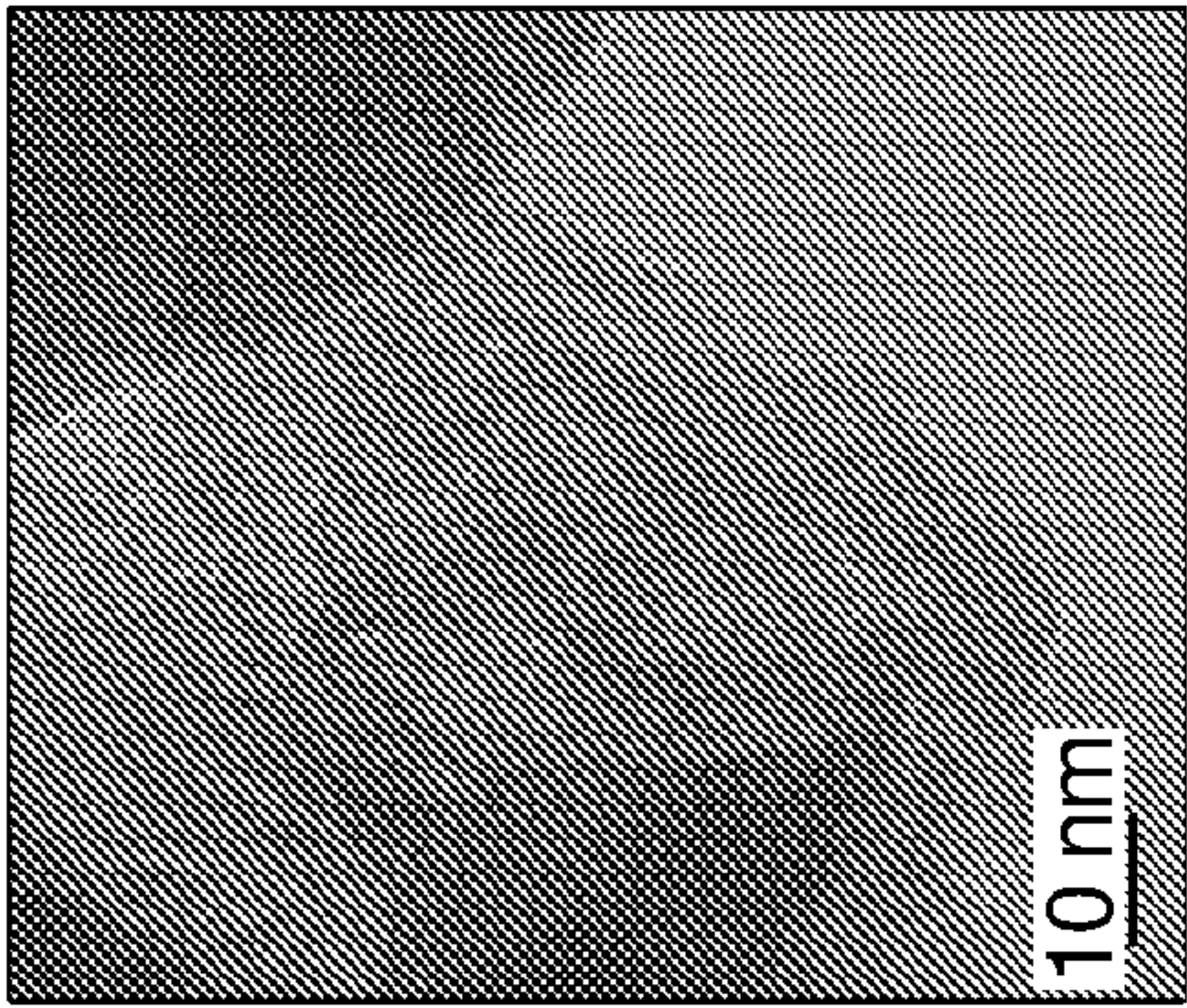


FIG. 10K

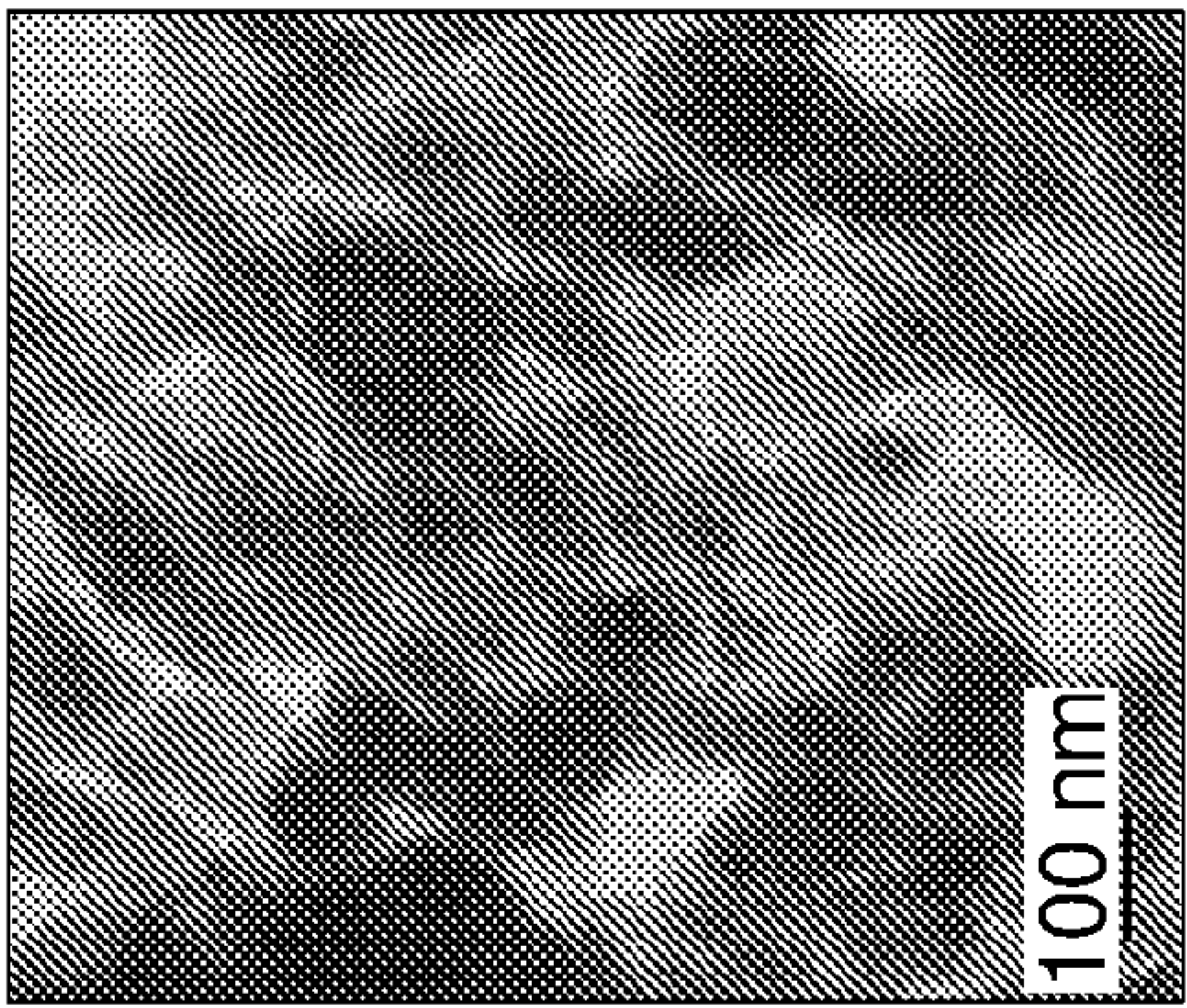


FIG. 10L

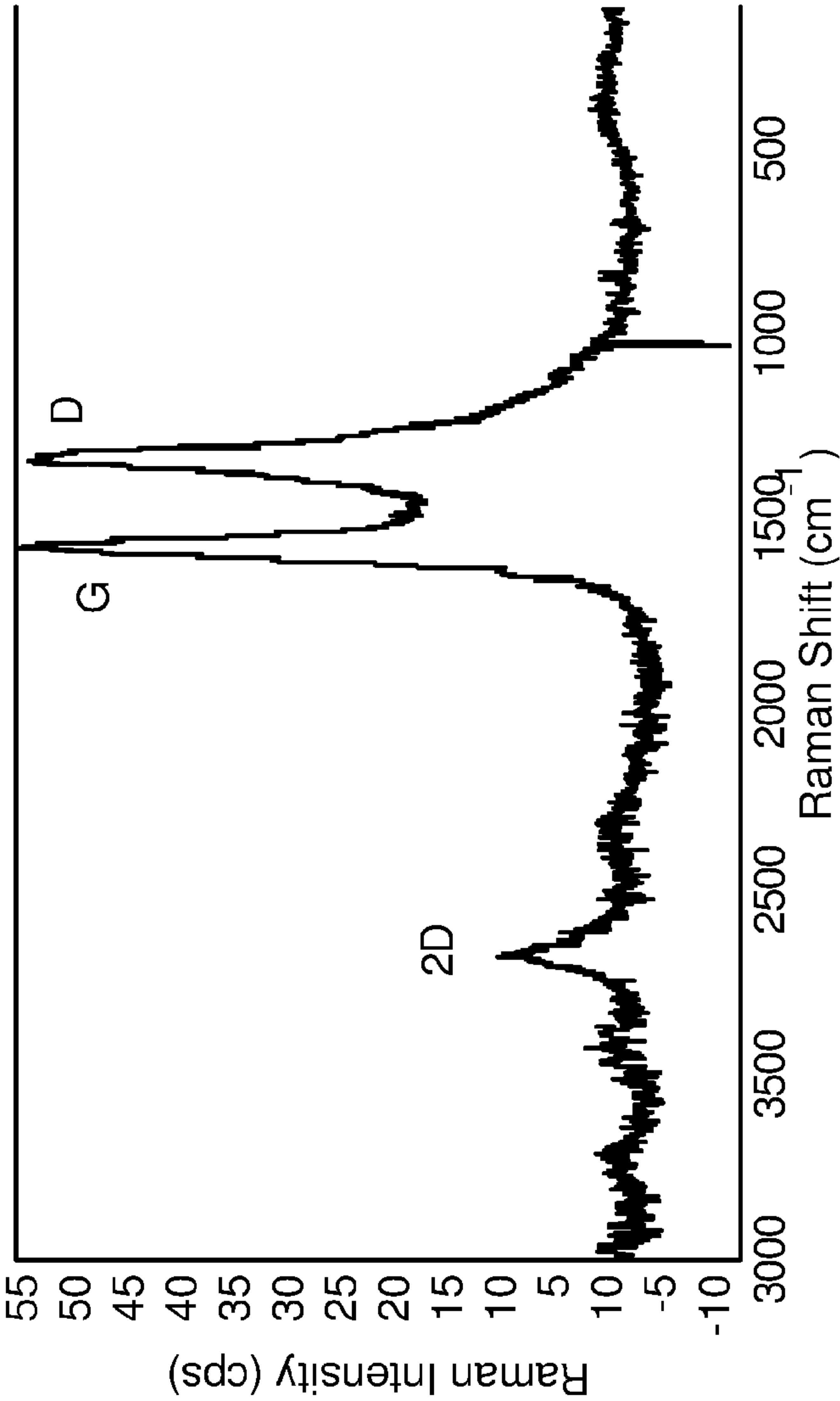


FIG. 10M

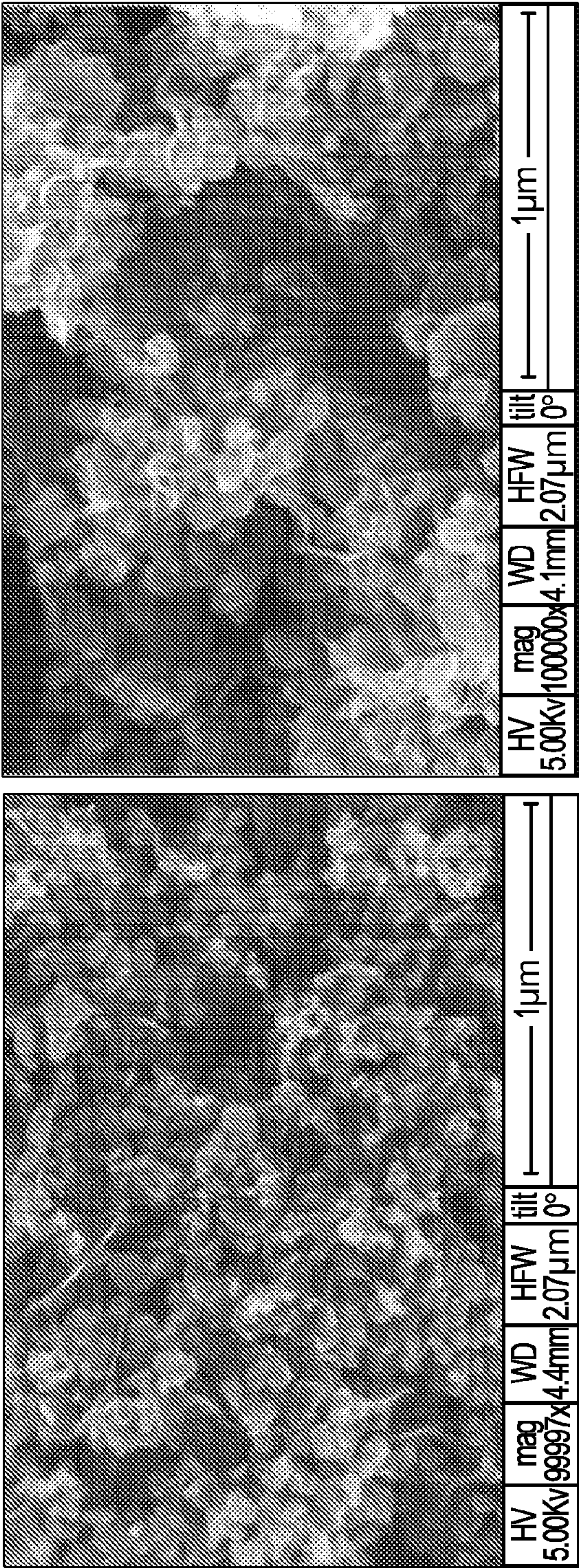
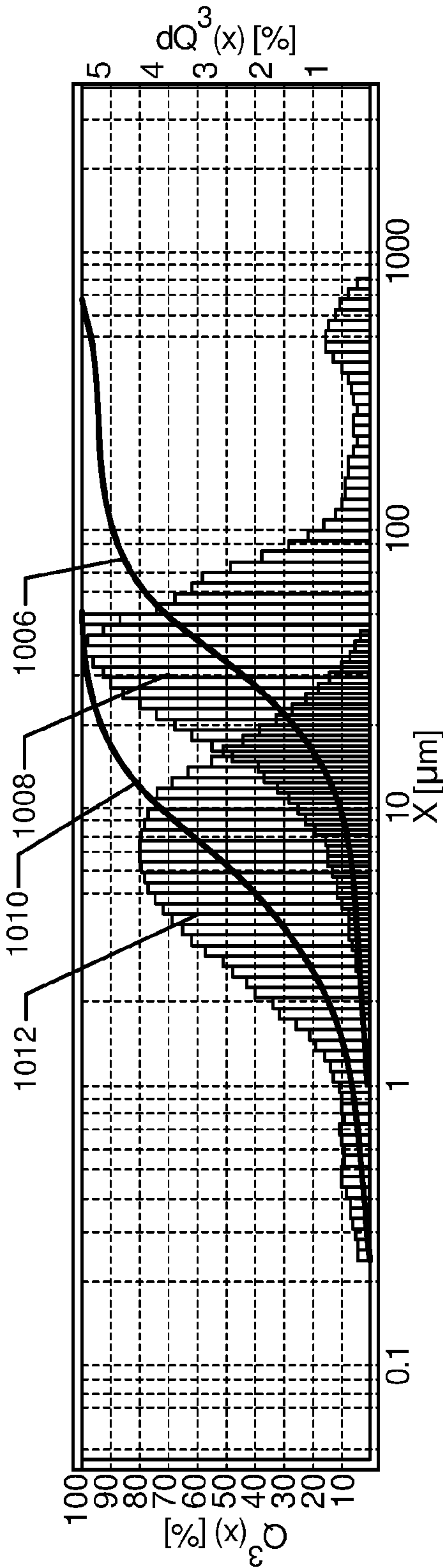


FIG. 10O

FIG. 10N



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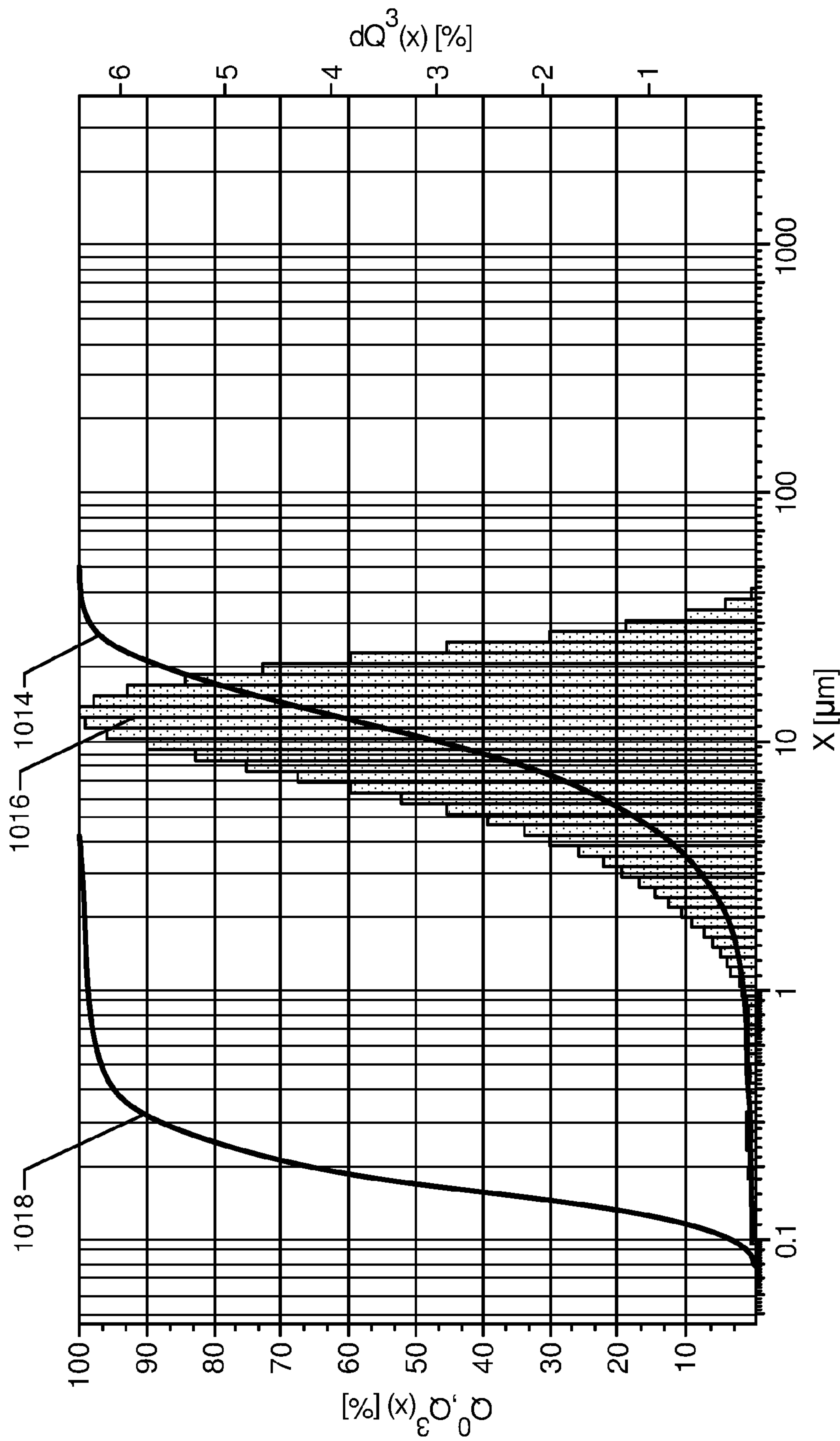


FIG. 10Q

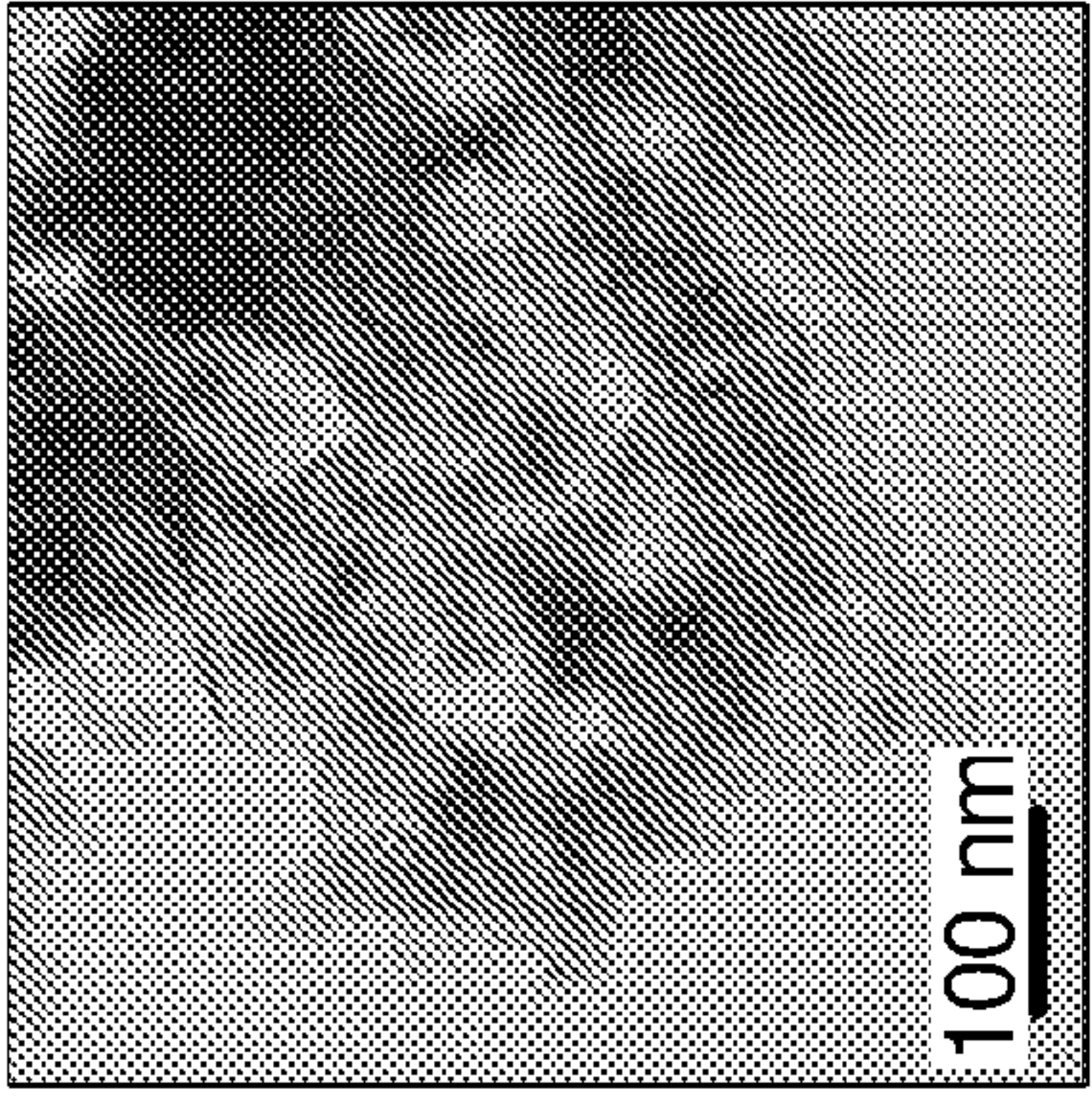


FIG. 10R

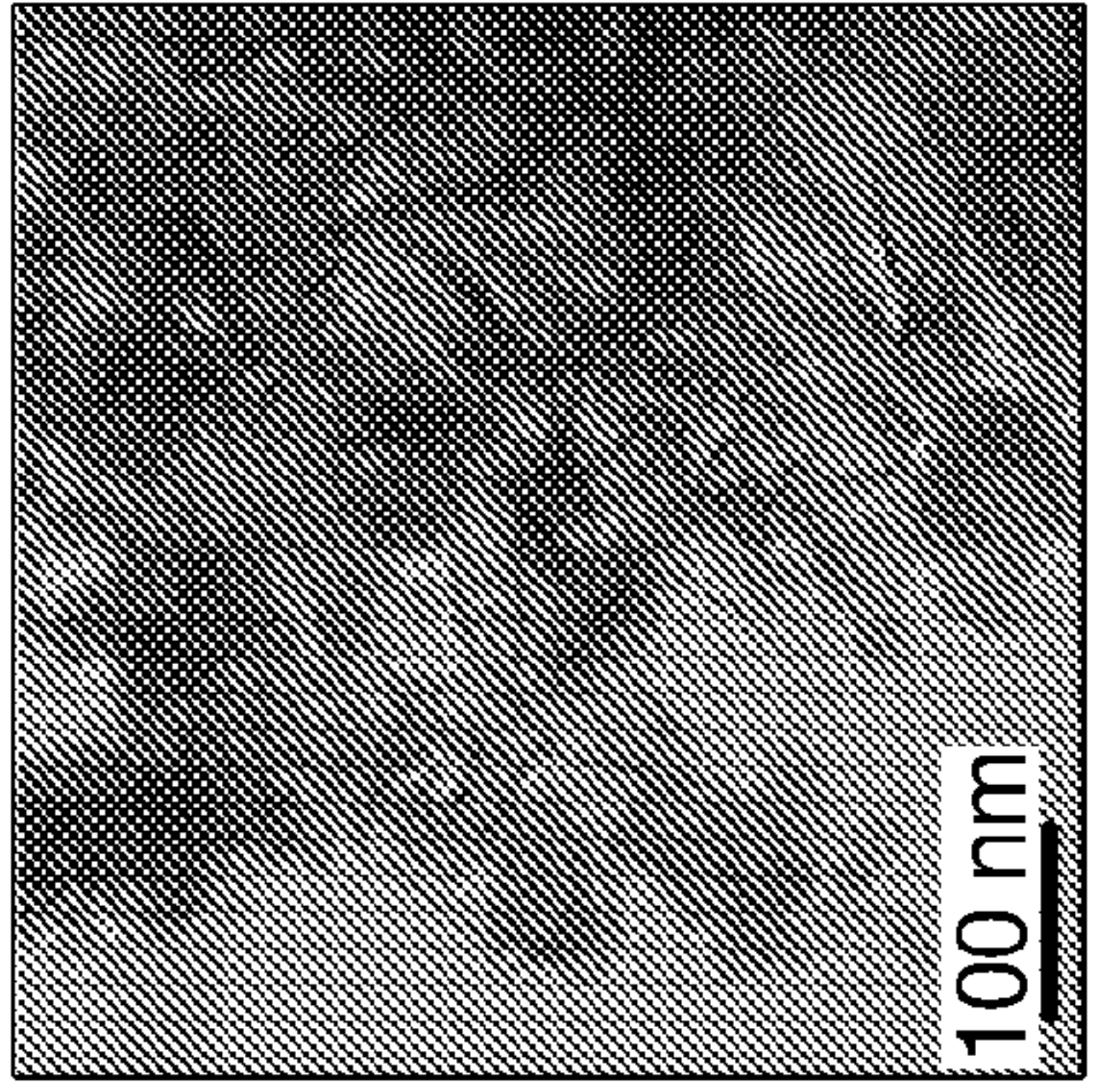


FIG. 10S

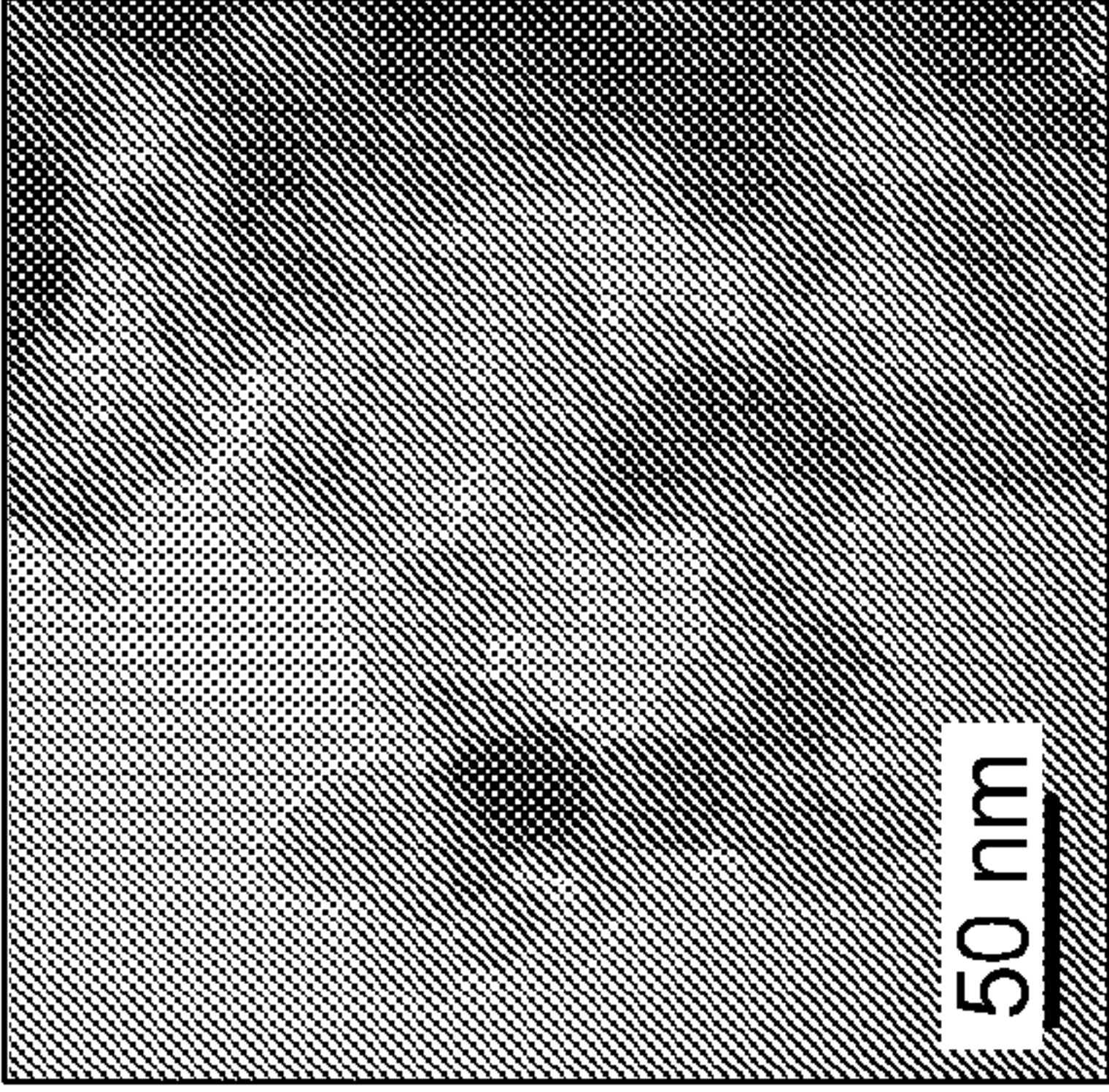


FIG. 10T

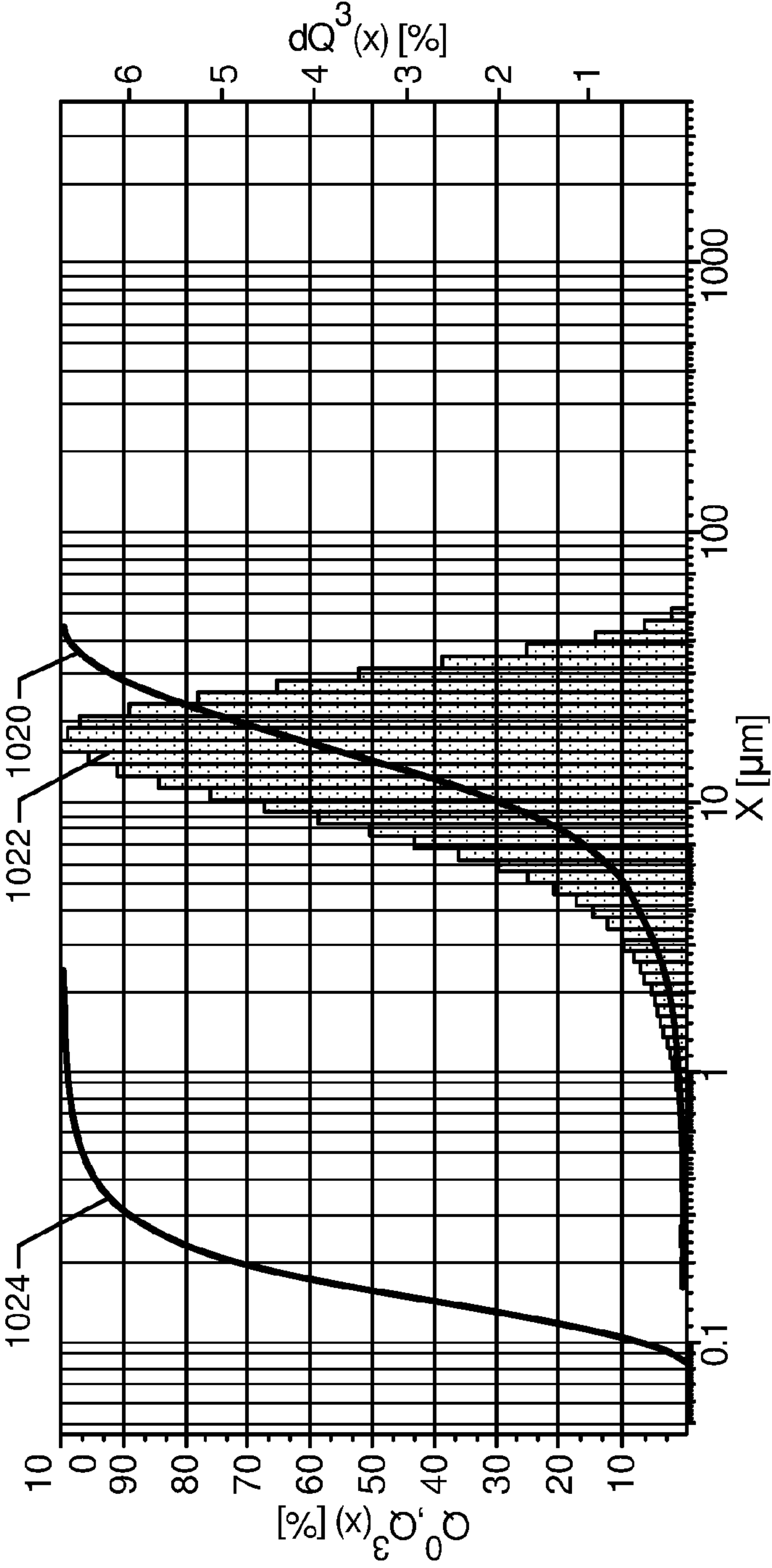


FIG. 10U

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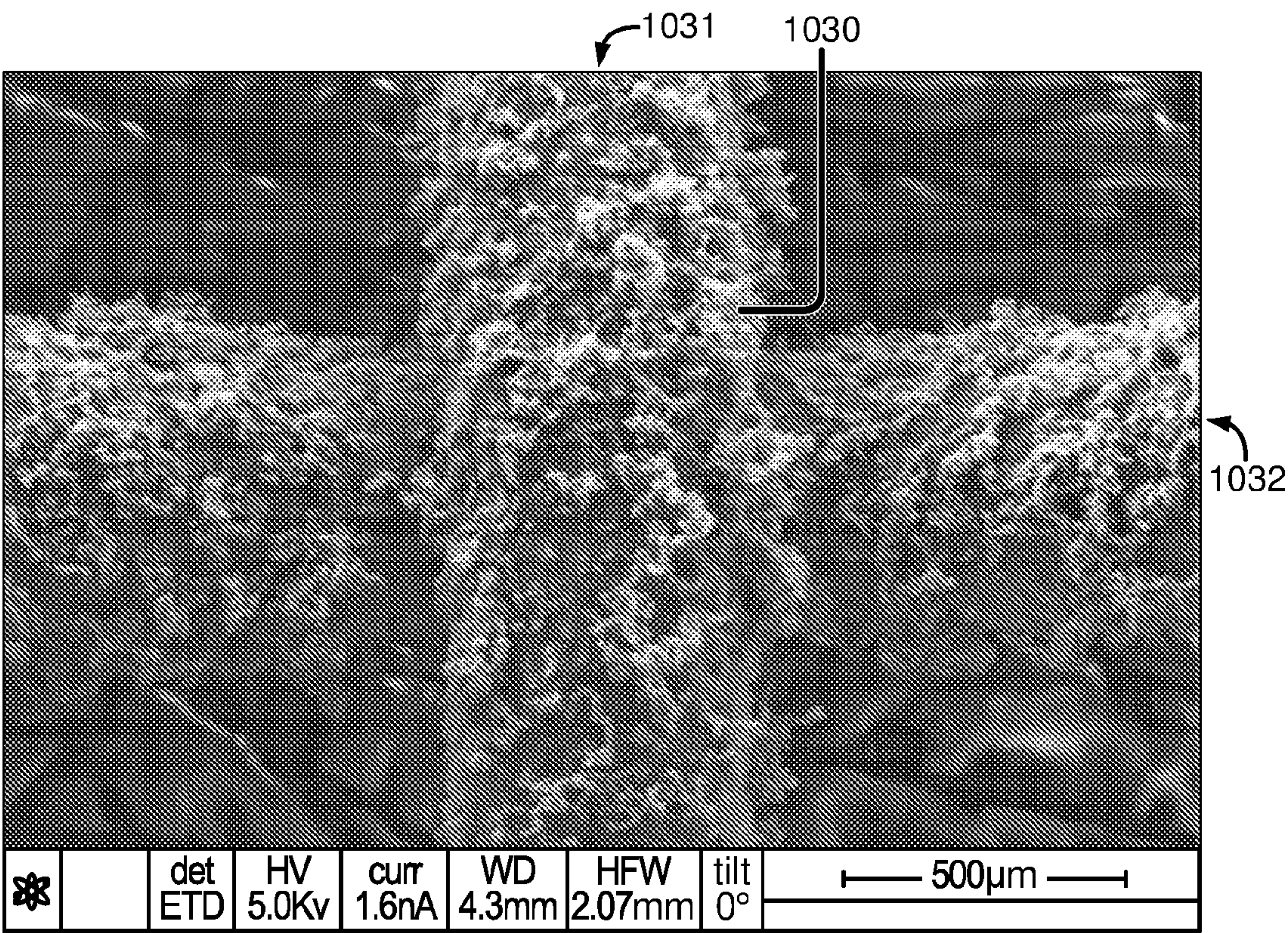


FIG. 10V

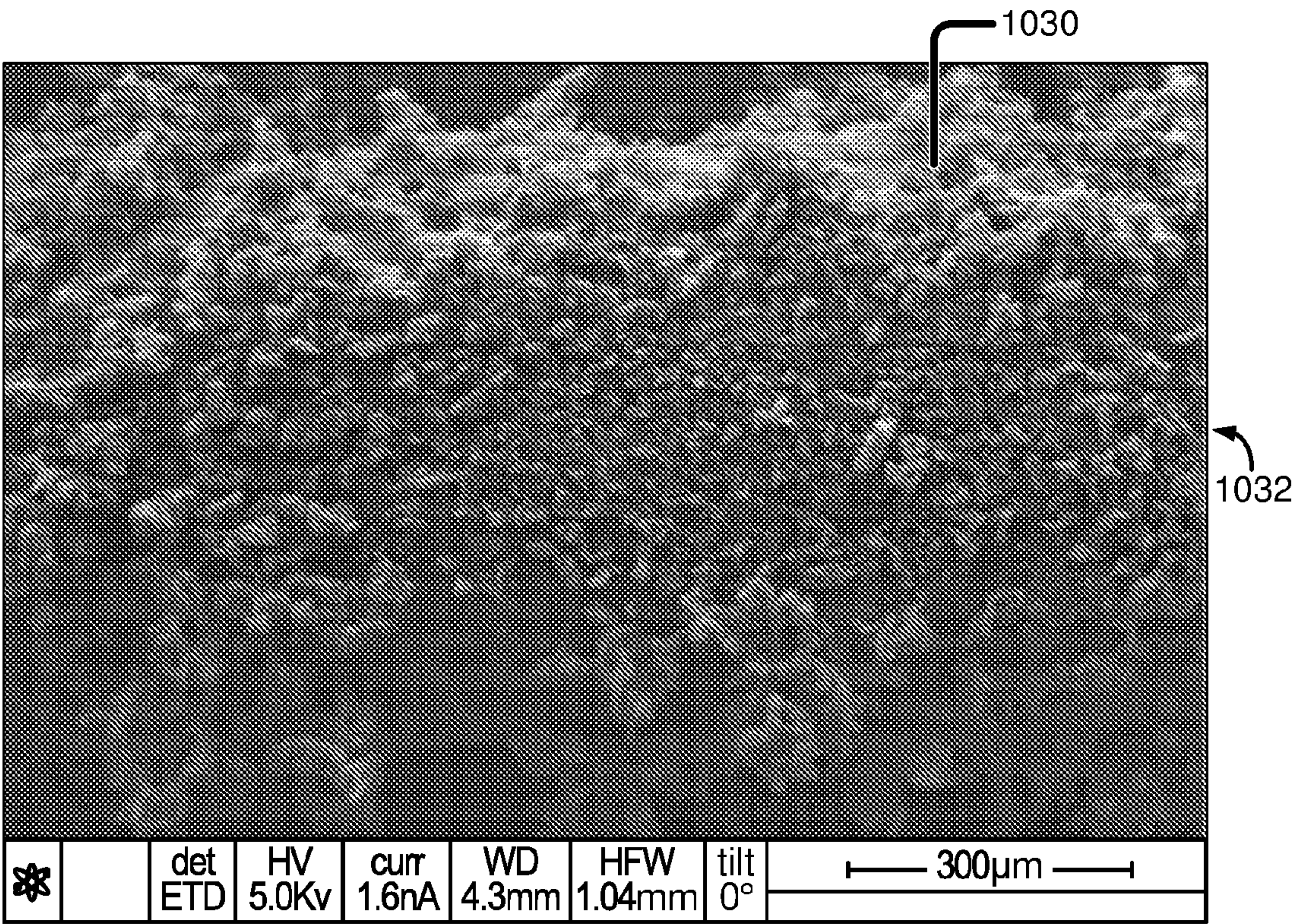


FIG. 10W

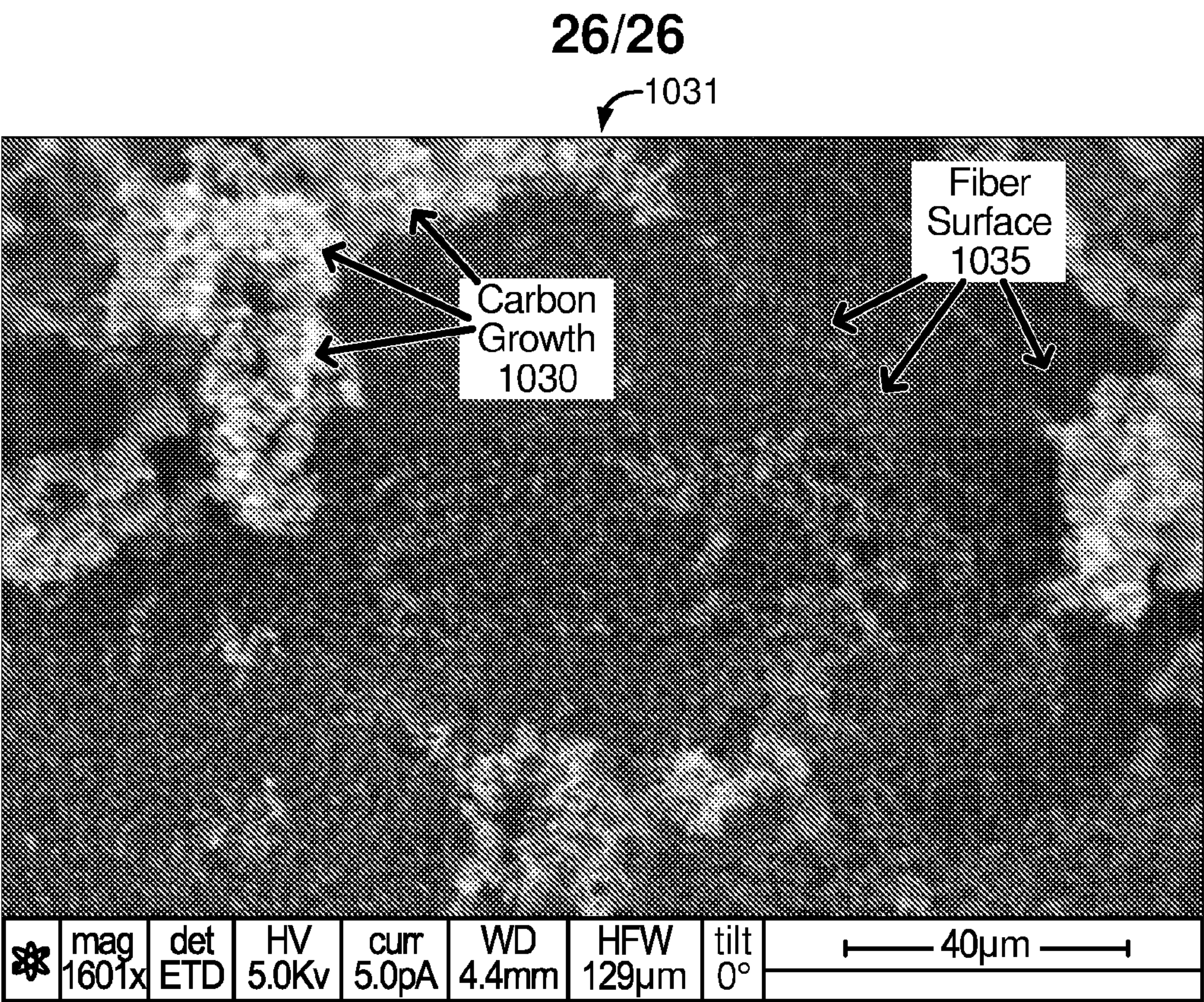


FIG. 10X

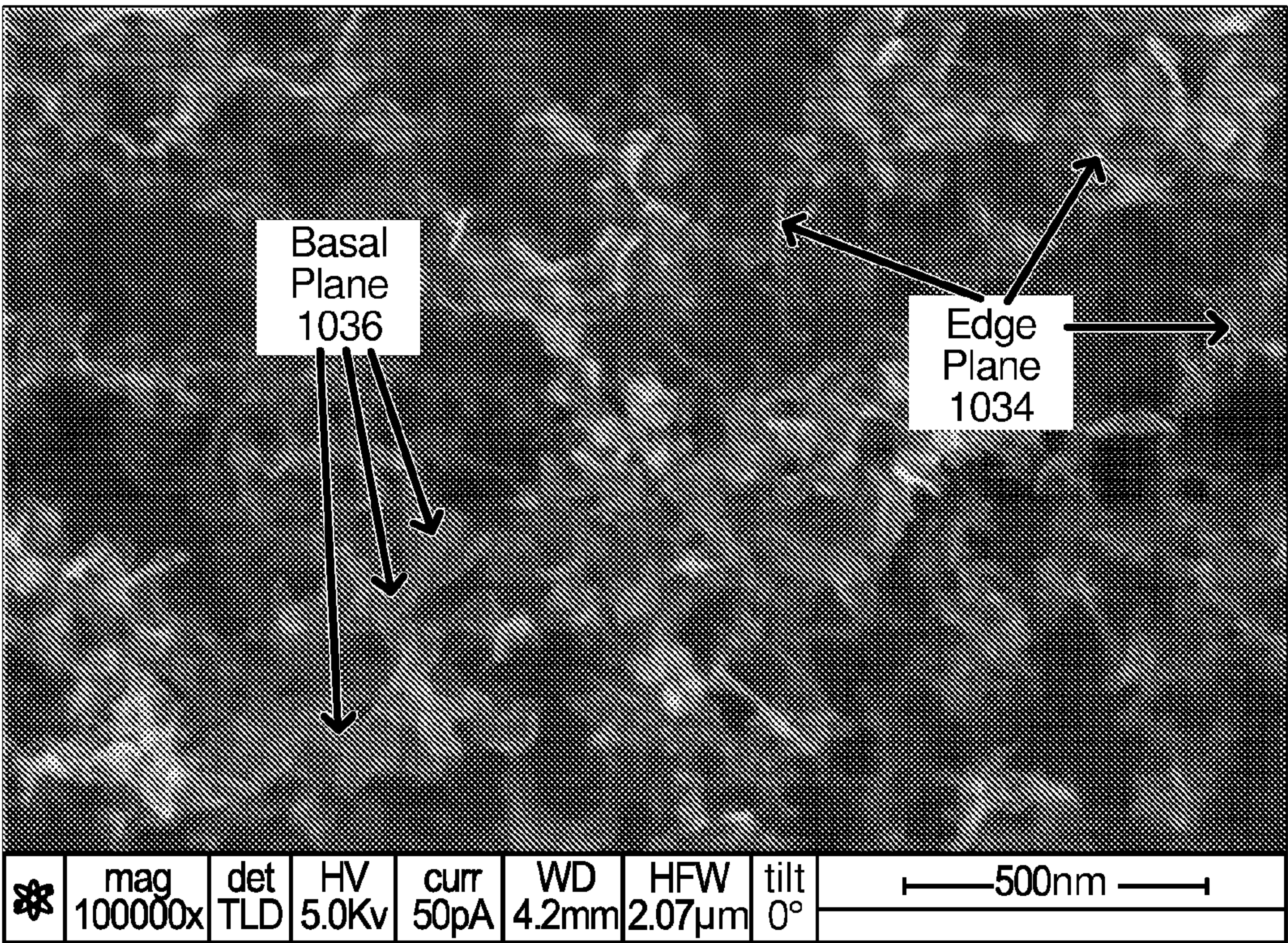


FIG. 10Y