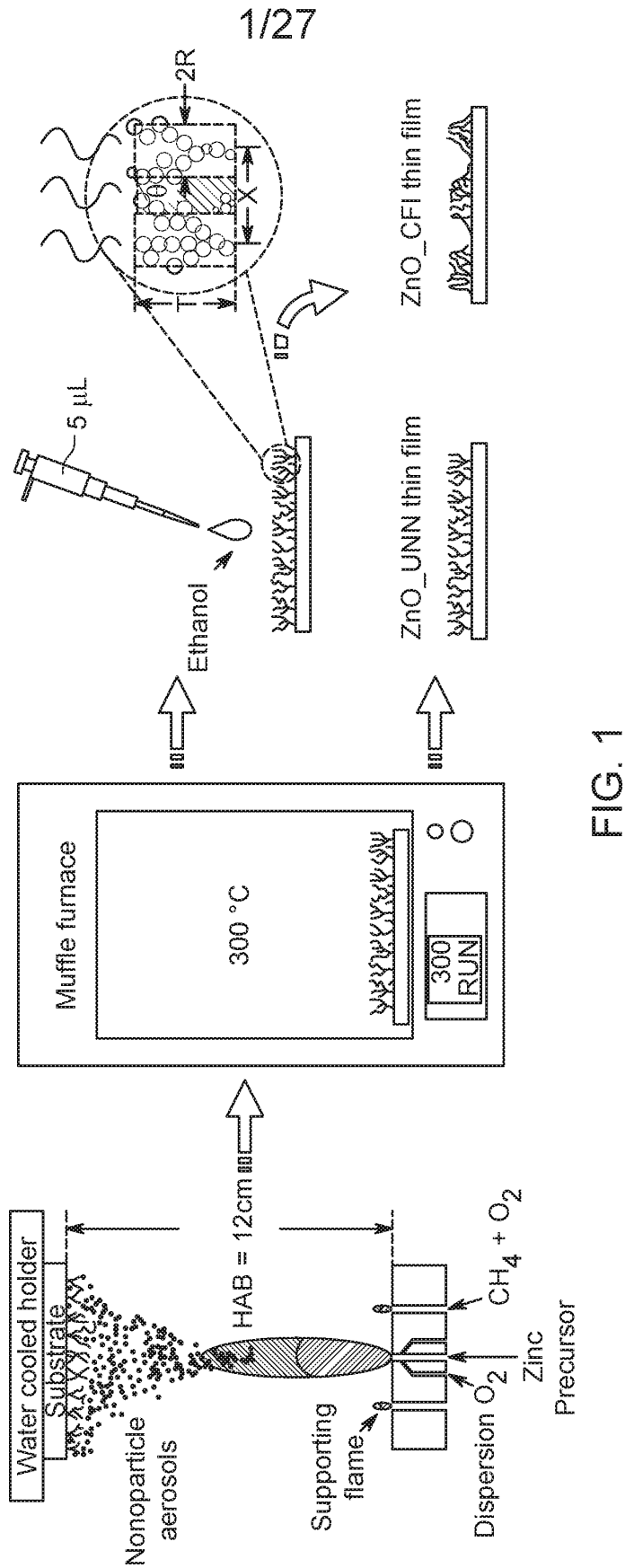




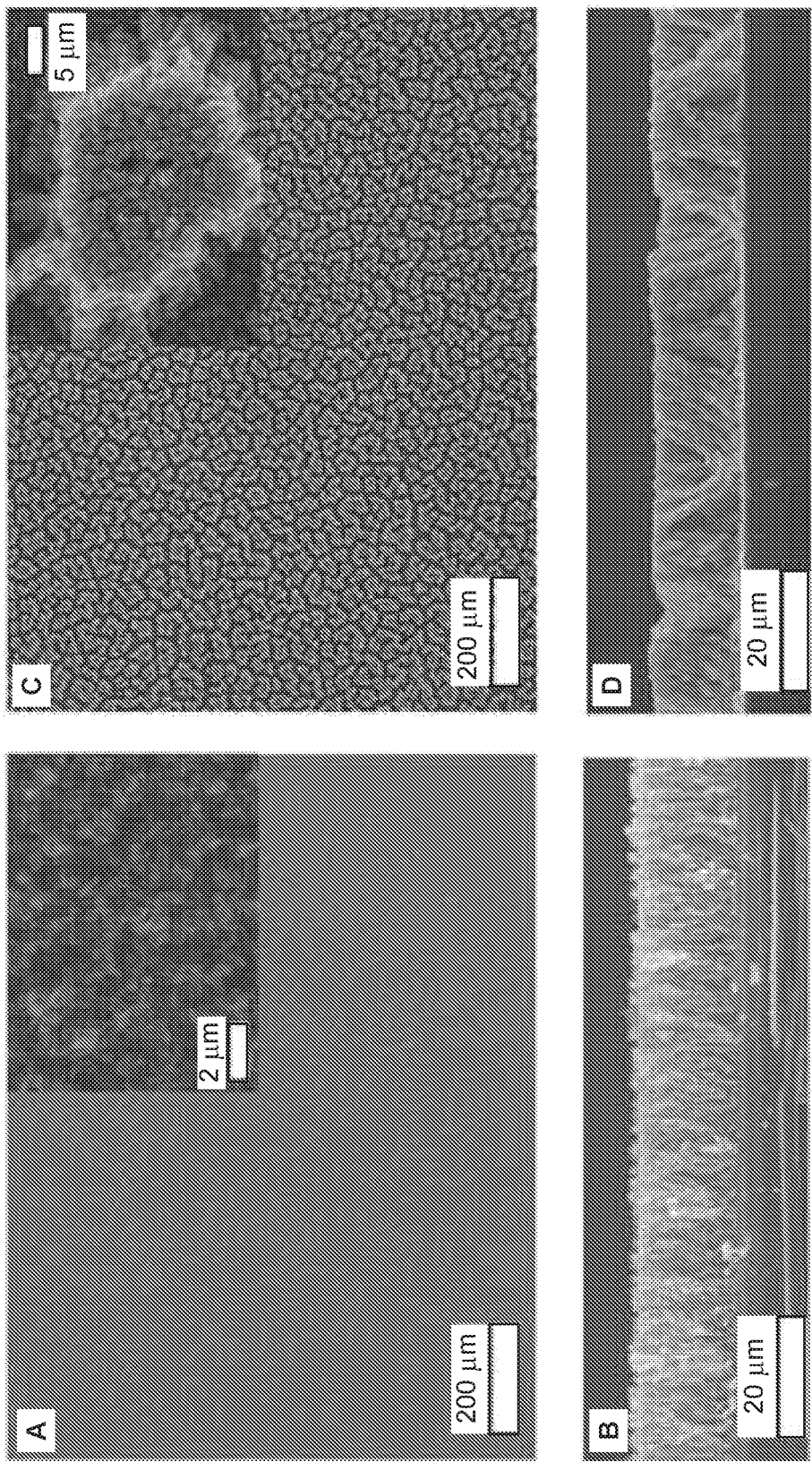


FIG. 2

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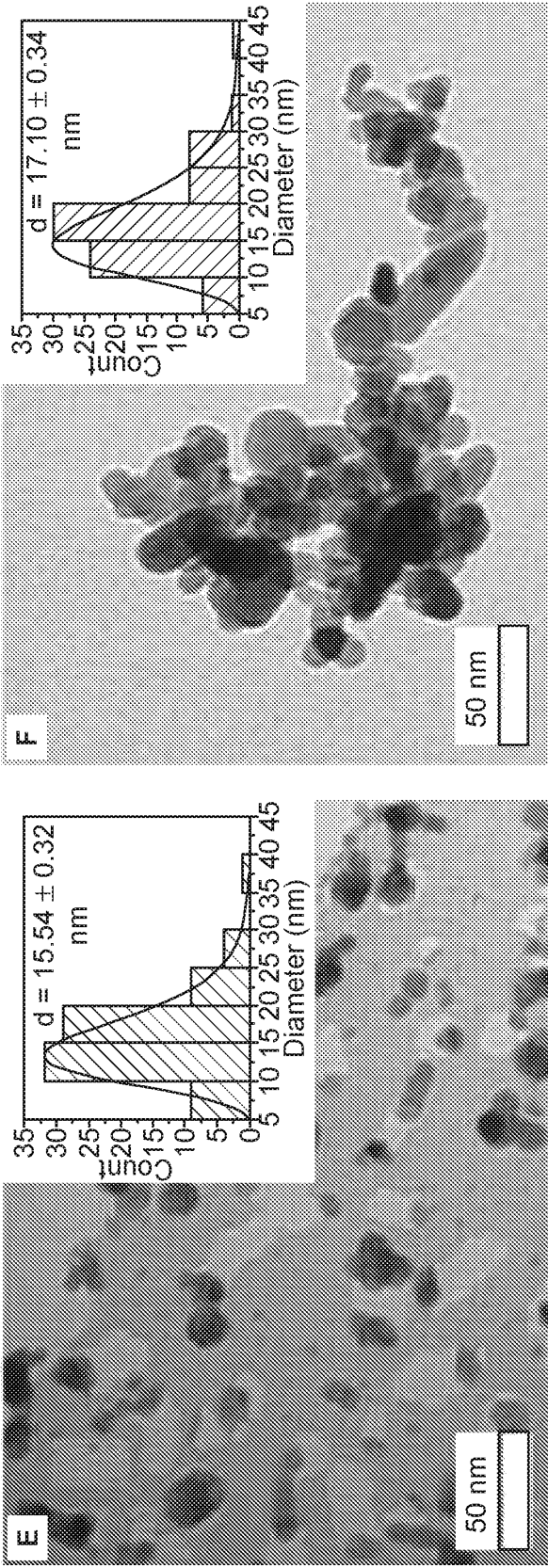


FIG. 2 (Continued)

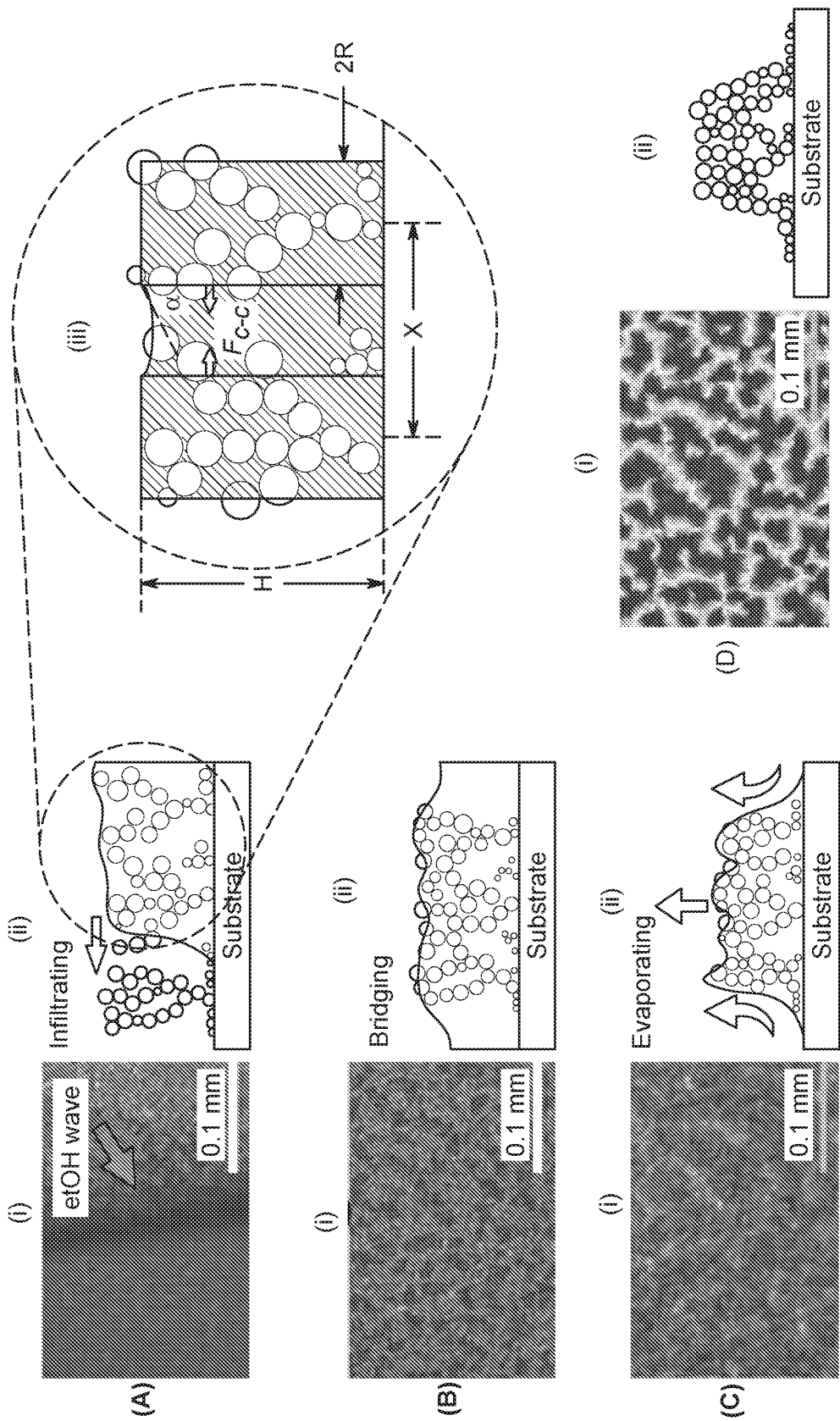


FIG. 3

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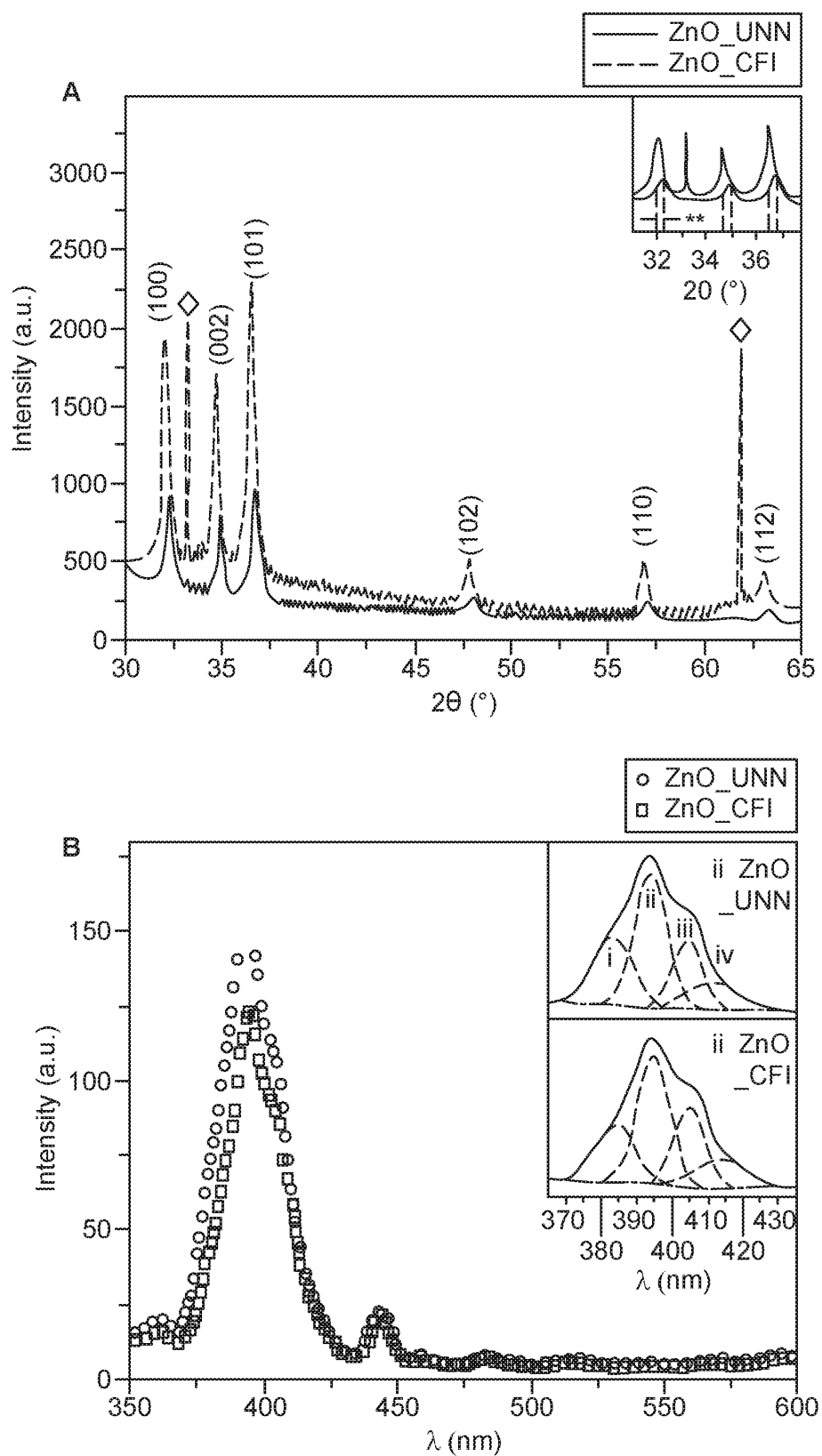


FIG. 4

SUBSTITUTE SHEET (RULE 26)

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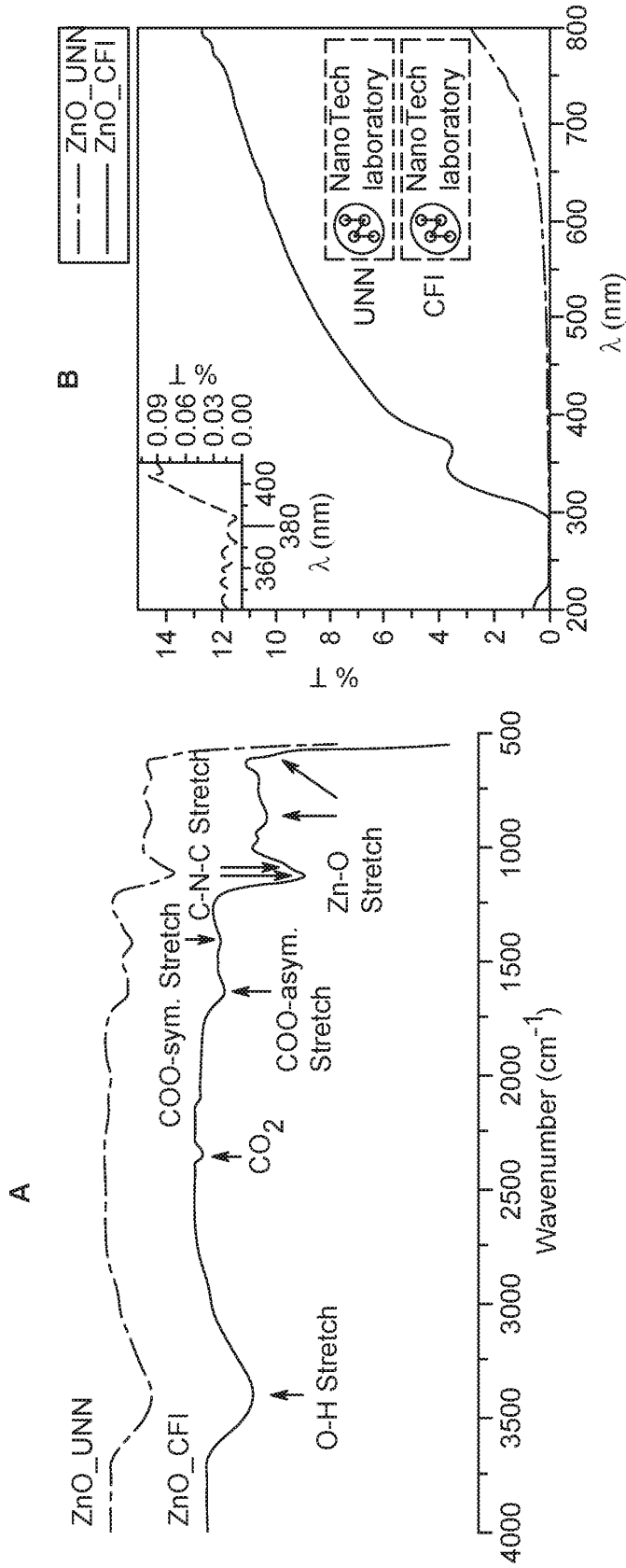


FIG. 5

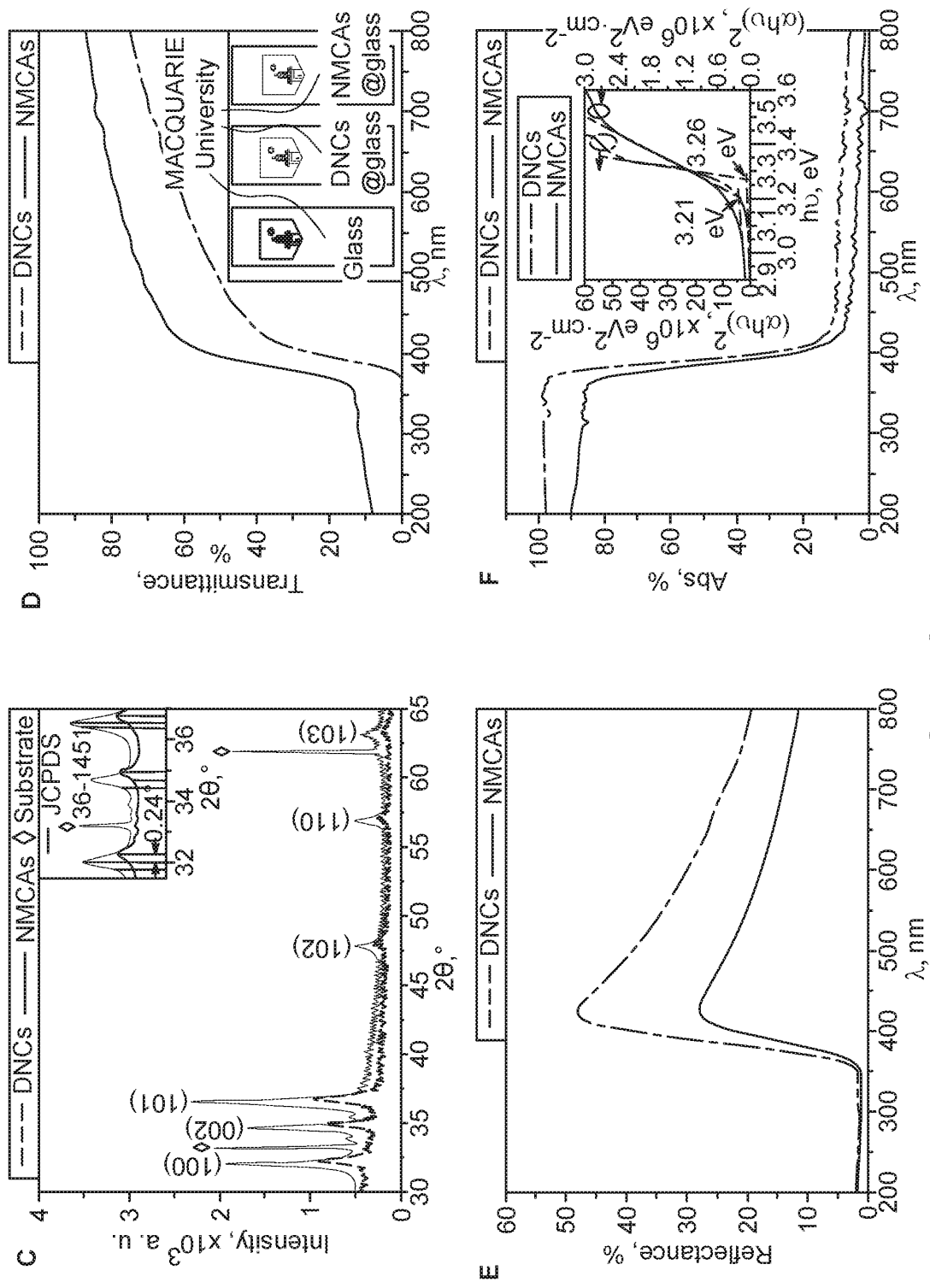


FIG. 5 (Continued)

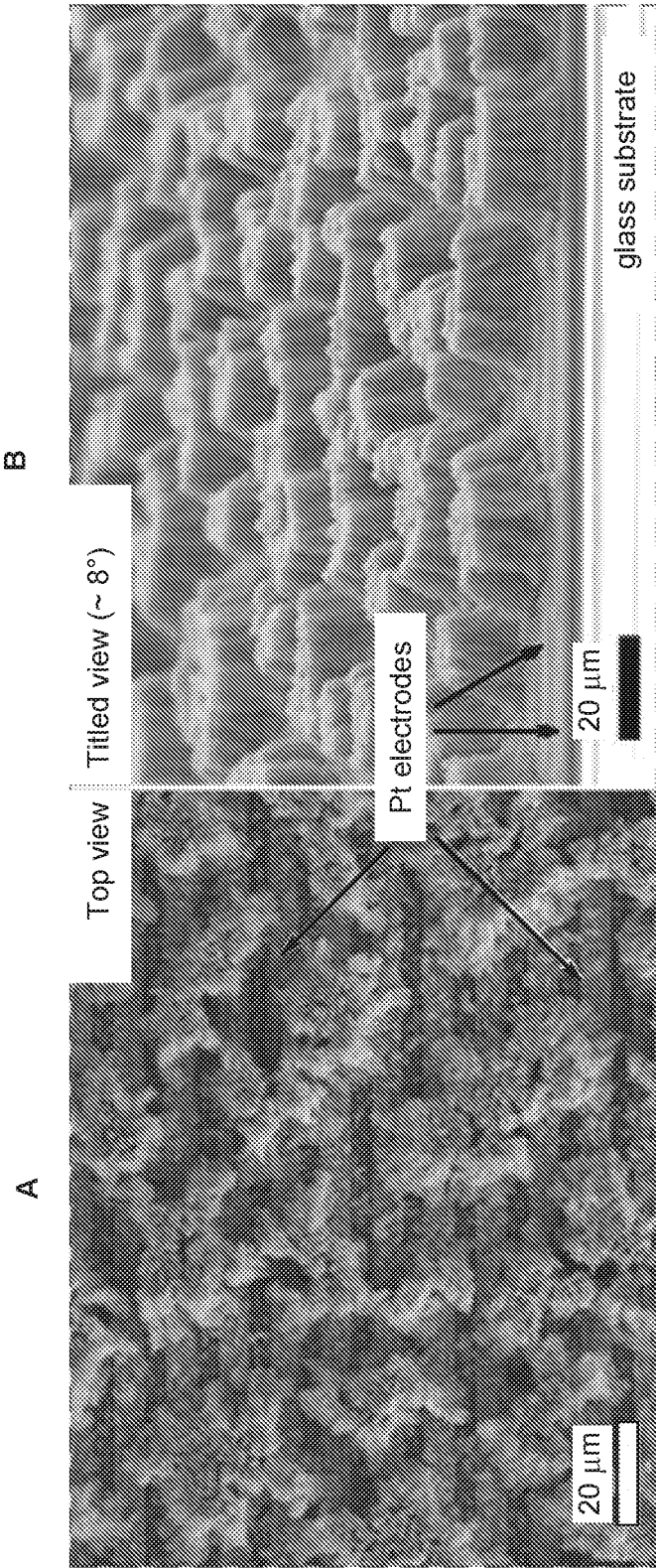


FIG. 6

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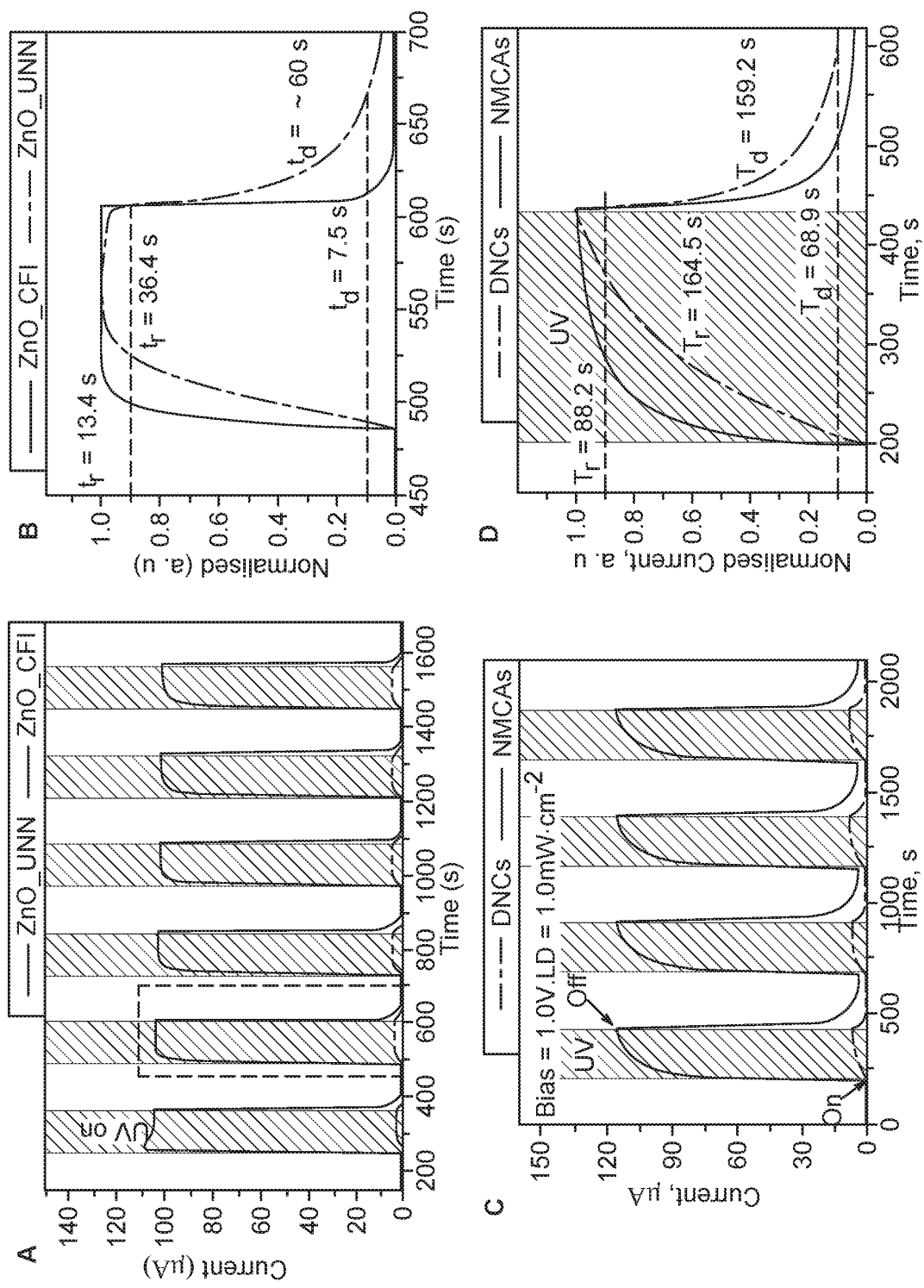


FIG. 7

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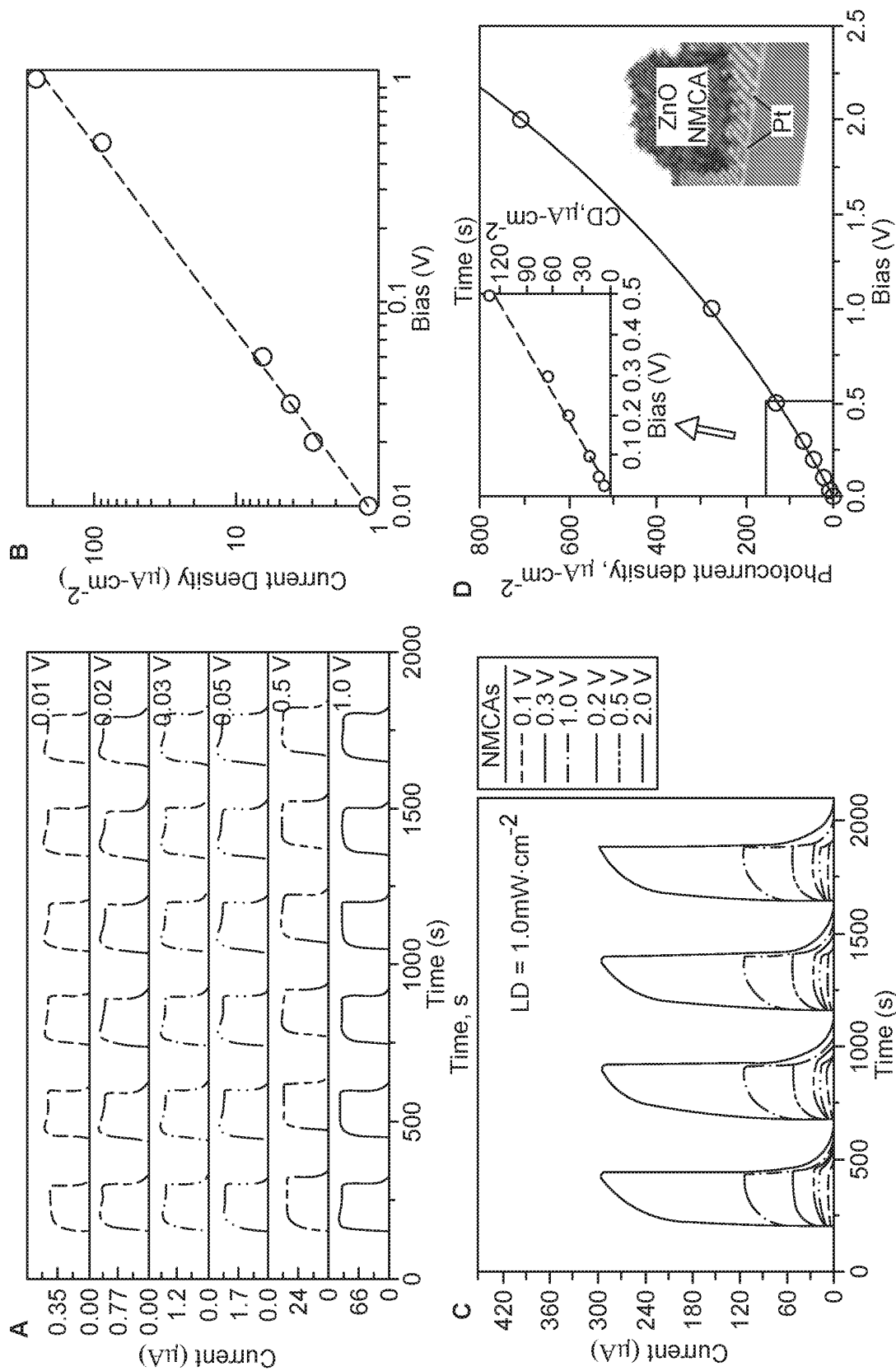


FIG. 8

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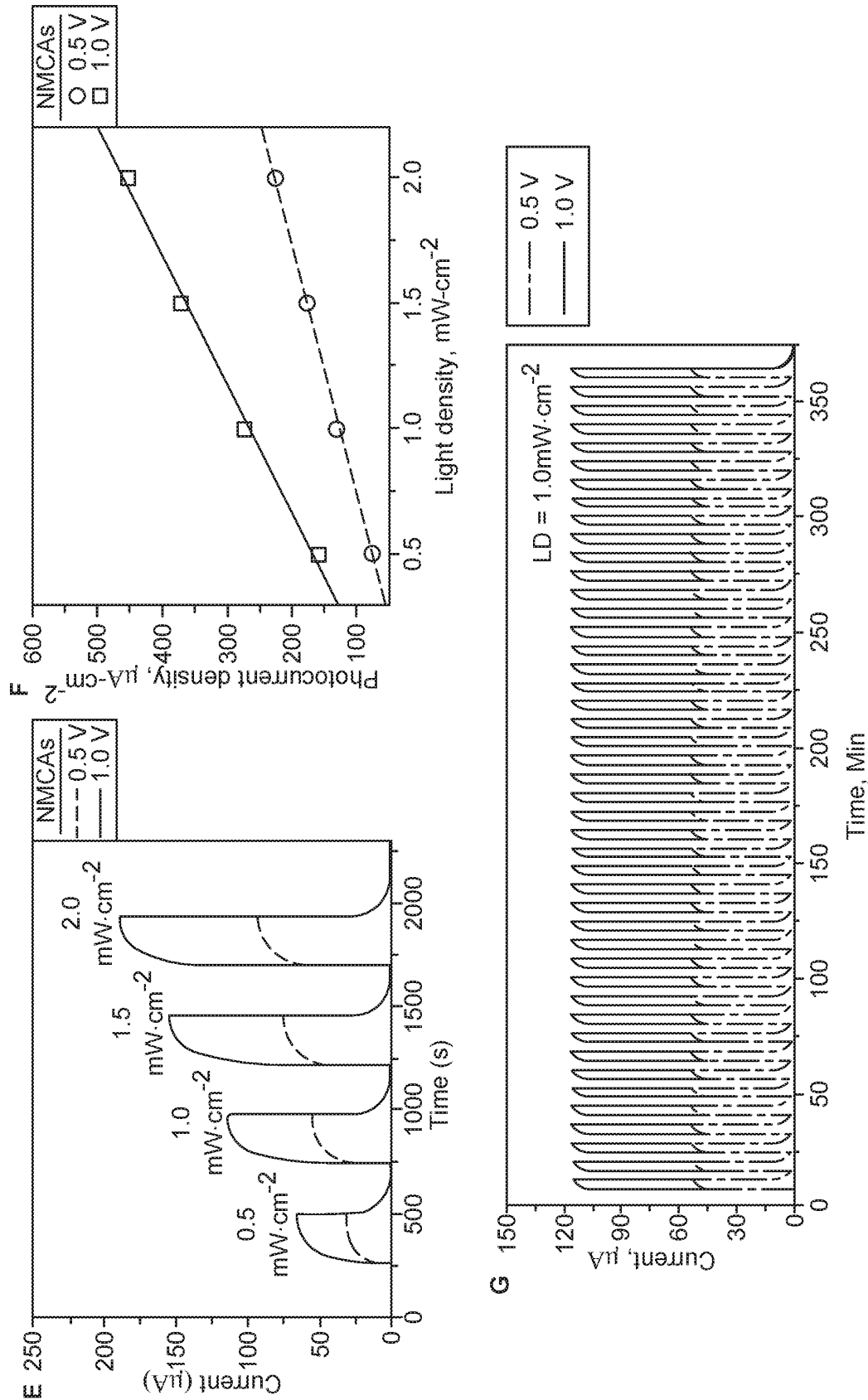


FIG. 8 (Continued)

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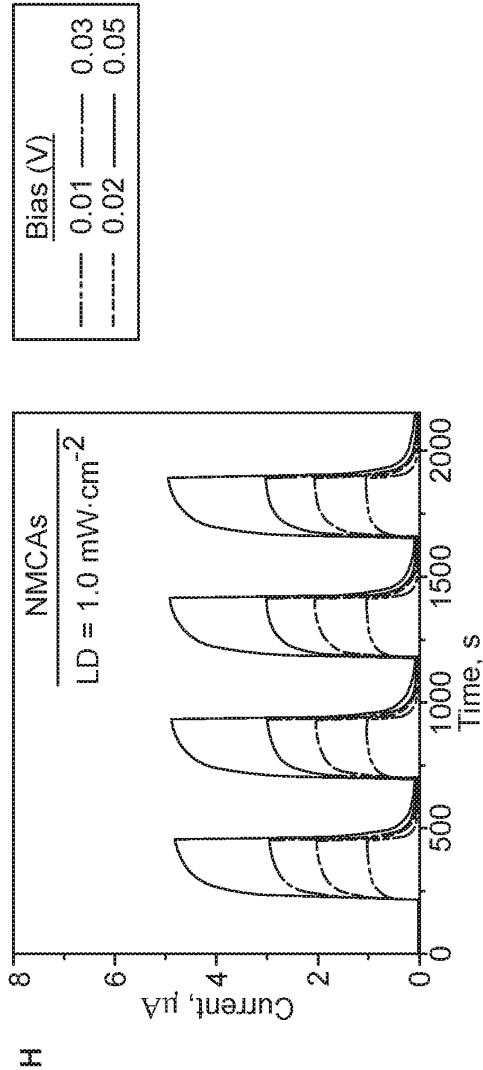


FIG. 8 (Continued)

Structure	Method	Res.	Bias	Intensity	IUV	Rise	Decay
ZnO_CFI	FSP, CFI	245.7 mA·W-1	1 V	1mW·cm-2	103.7 μA	13.4 s	7.5 s
ZnO_UNN	FSP	11.2 mA·W-1	1 V	1mW·cm-2	4.5 μA	36.4 s	~60 s
ZnO_UNN	FSP	13.5A·W-1	5 V	100 μW ·cm-2	1.2 mA	~250 s	~150 s
3DNH NiO/ZnO	FSP	13A·W-1	1 V	80 μW ·cm-2	344 μA	5 s	9 s
ZnO_UNN	FSP	14 mA·W-1	0.2 mV	86 μW ·cm-2	440 nA	~250 s	~150 s
Al:ZnO Nanosheets	RFMS, HT	31 mA·W-1	1 V	-	295.3 μA	0.7 s	2.5 s
ZnO Nanorod arrays	RFMS, litho	41.22 A·W-1	5 V	-	0.18 mA	-	-
ZnO Nanowire arrays	CVD	0.5 A·W-1	5 V	14mW·cm-2	0.4 mA	6.2 s	10.1 s
ZnO Nanoflowers	HT	9 A·W-1	5 V	77 μW ·cm-2	-	16.4 s	37.6 s
ZnS/ZnO Nanofilms		-	10 V	0.2mW·cm-2	60.2 pA	0.77 s	0.73 s
ZnO nanoparticle-assembled sheet	SP	41 A·W-1	5 V	1.8 μW ·cm-2	134 μA	12 s	9 s

FIG. 9

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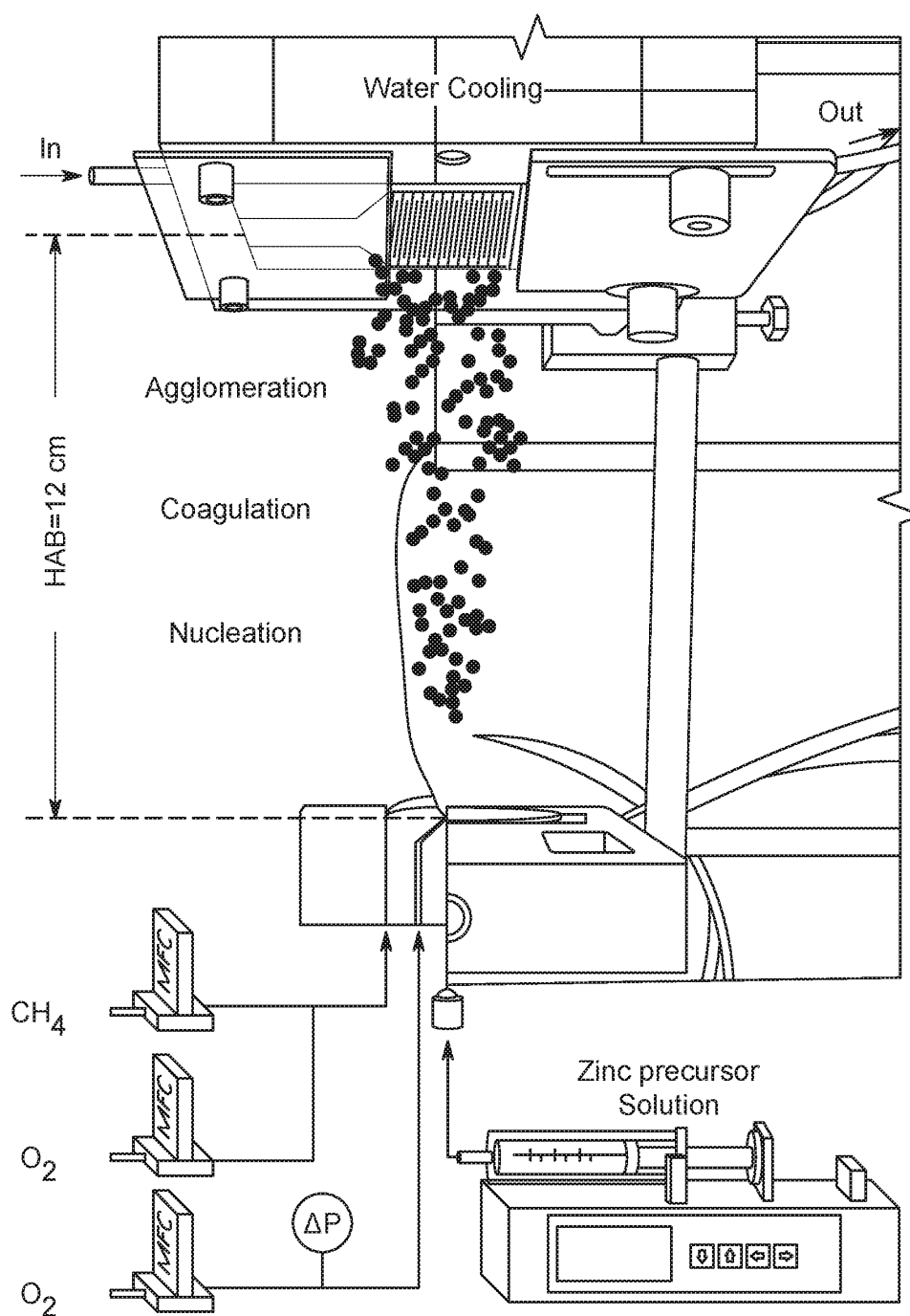


FIG. 10

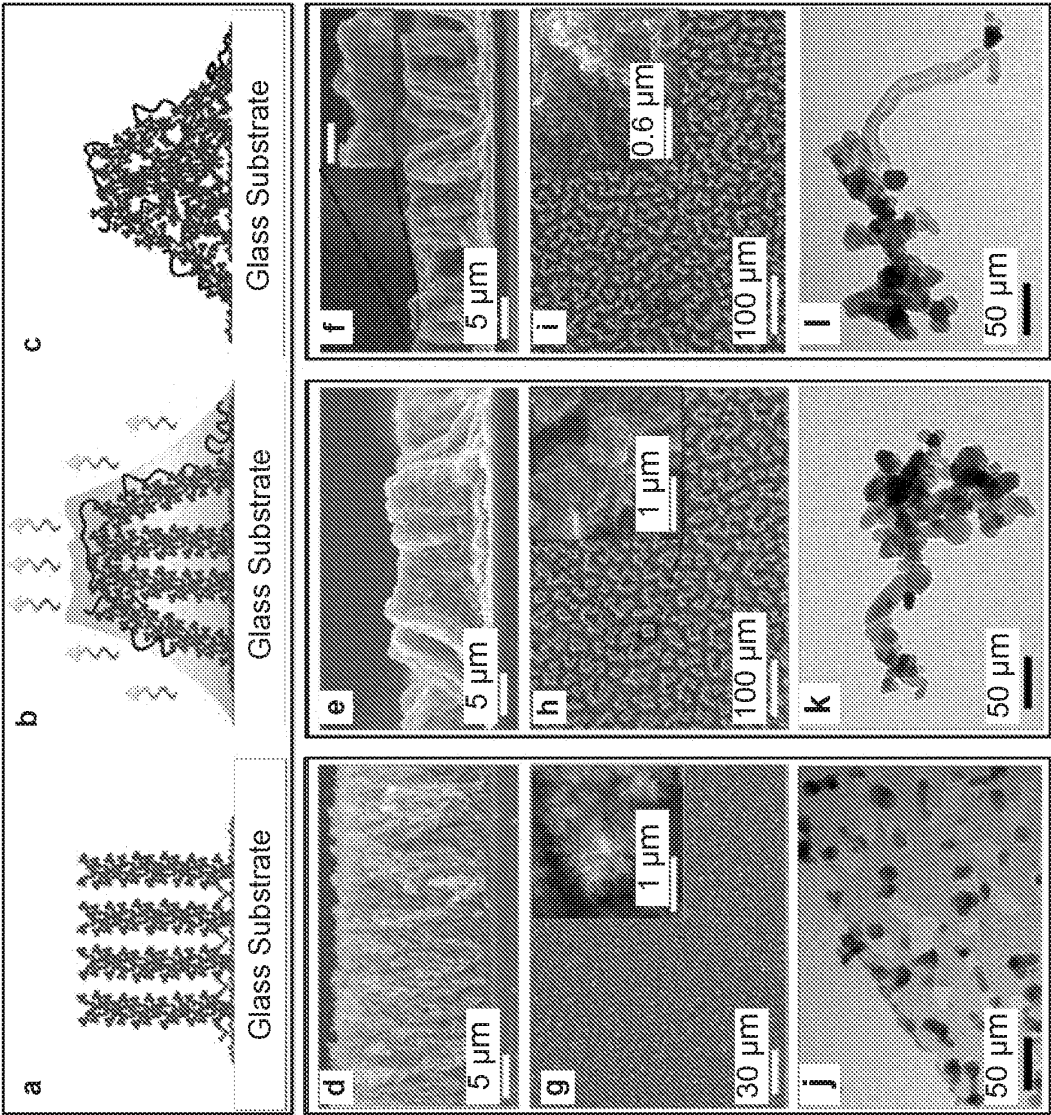


FIG. 12

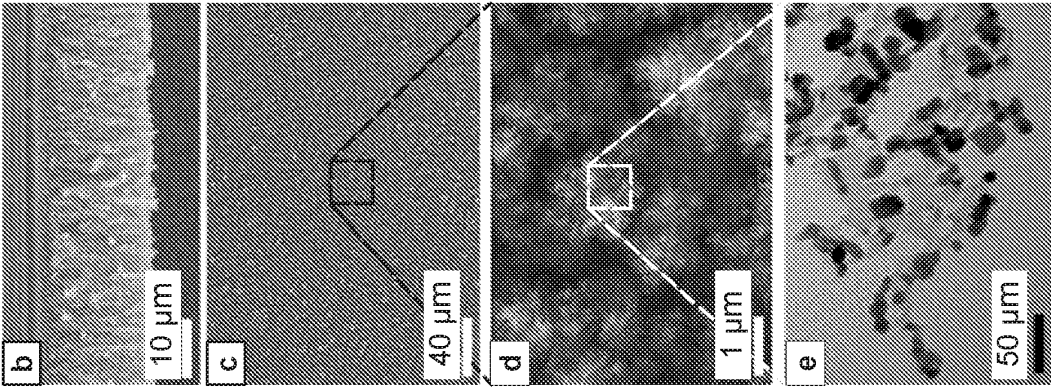


FIG. 11

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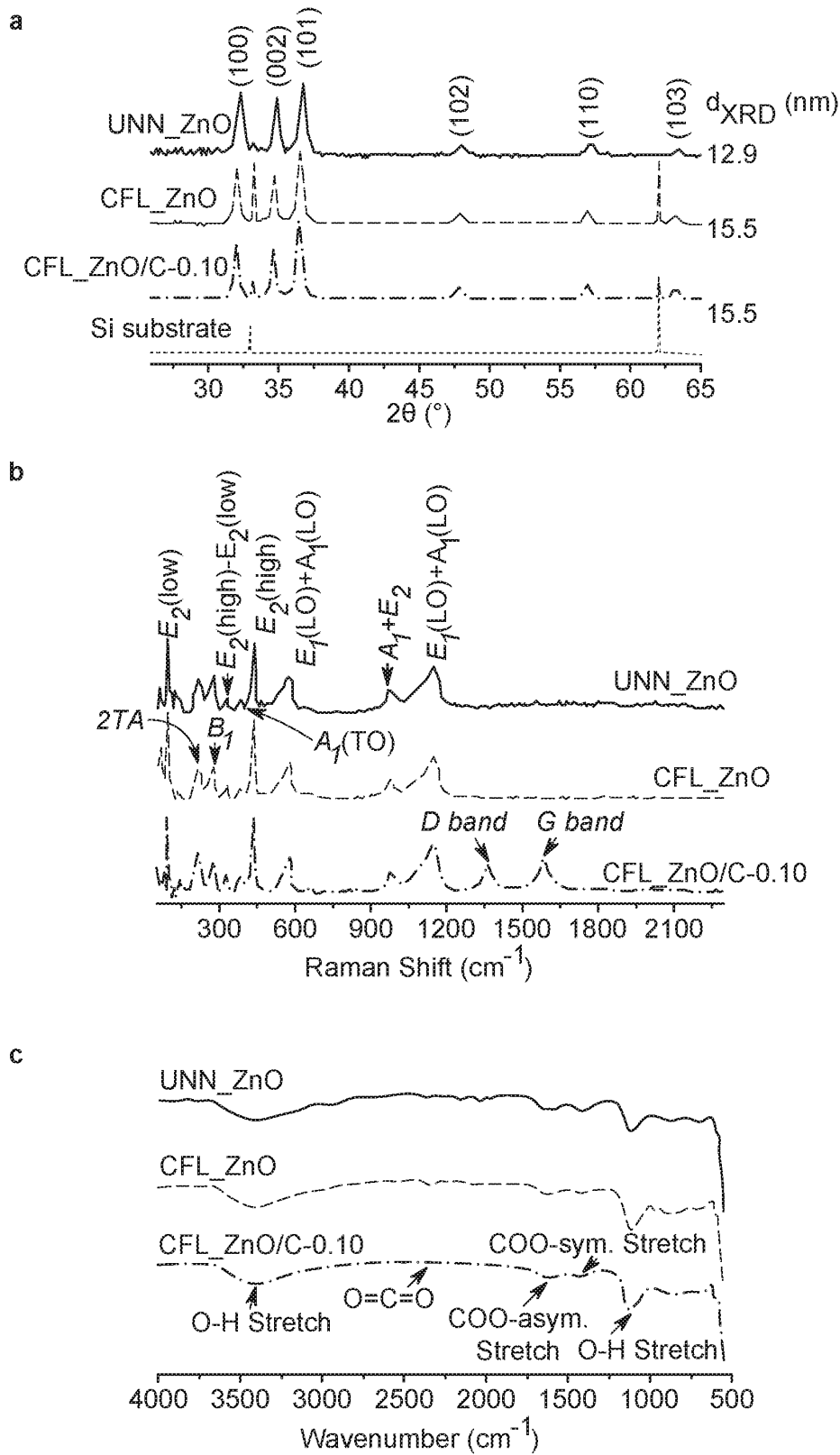


FIG. 13

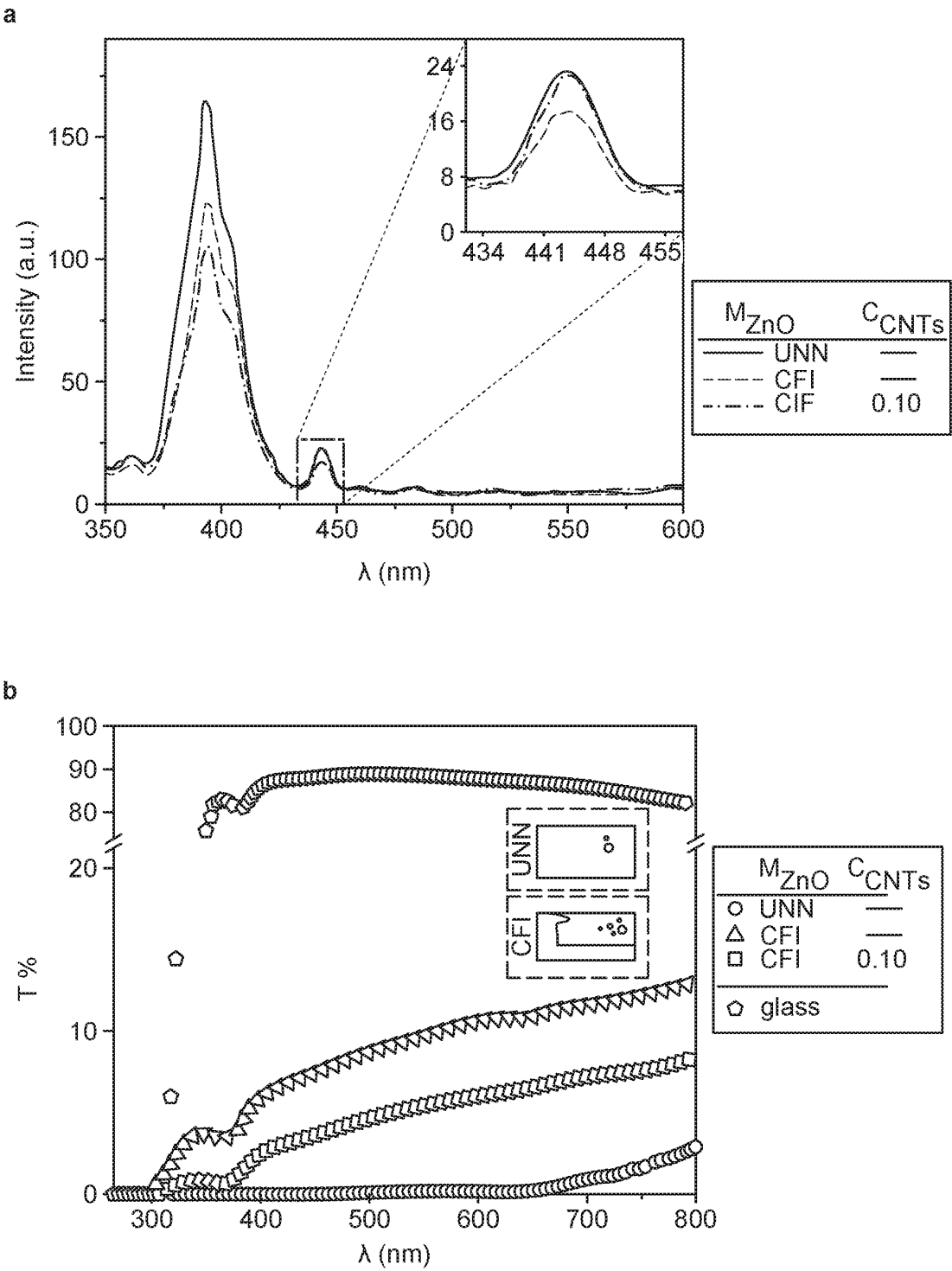


FIG. 14

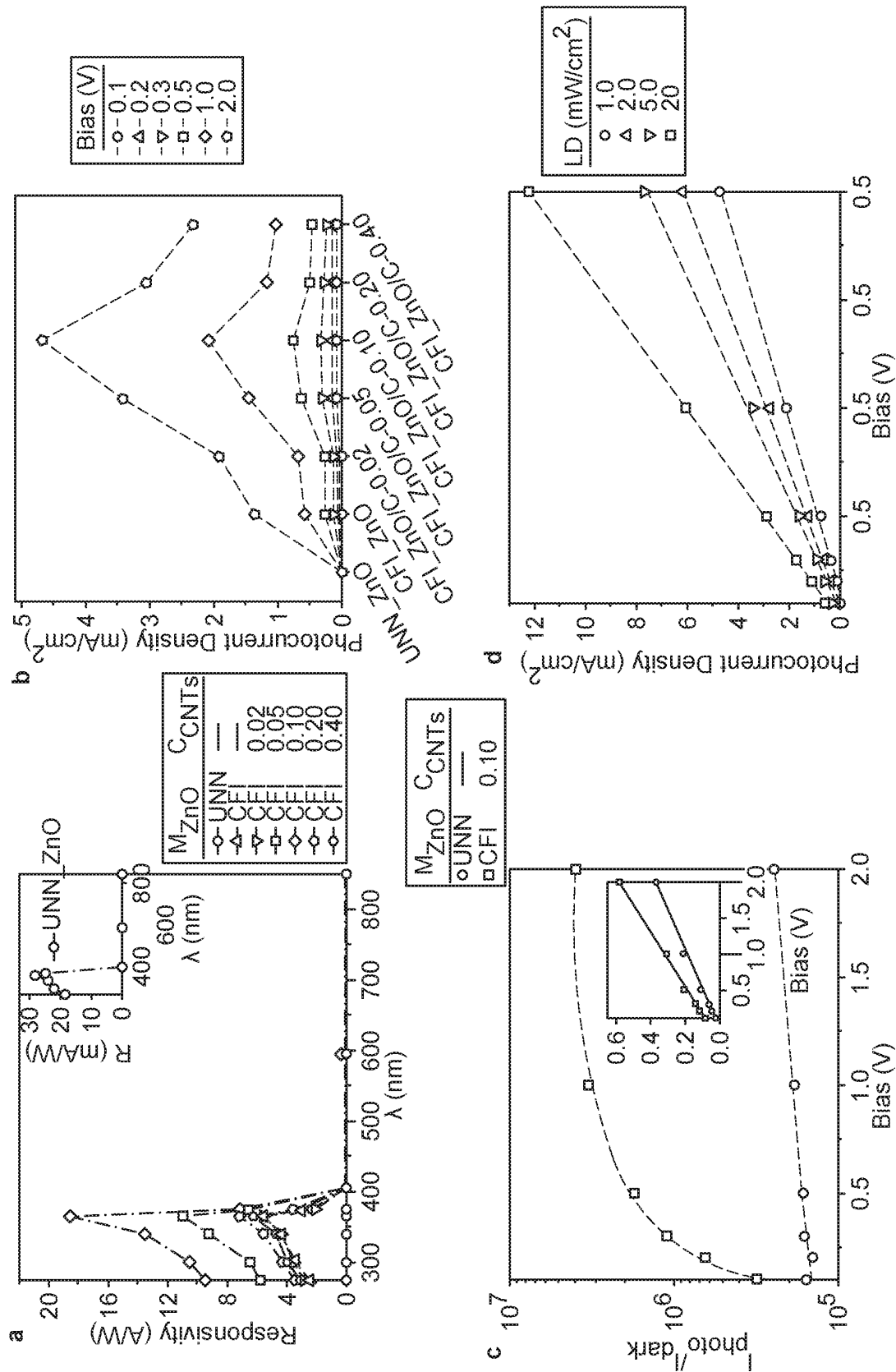
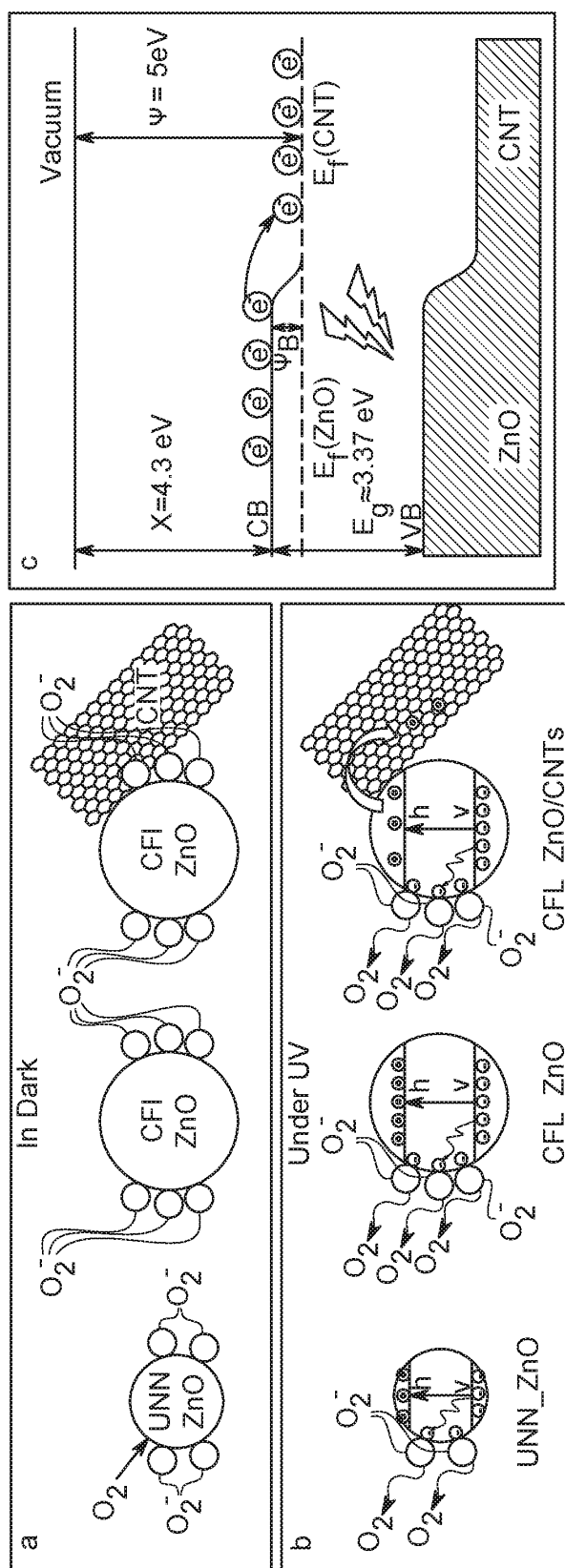


FIG. 15



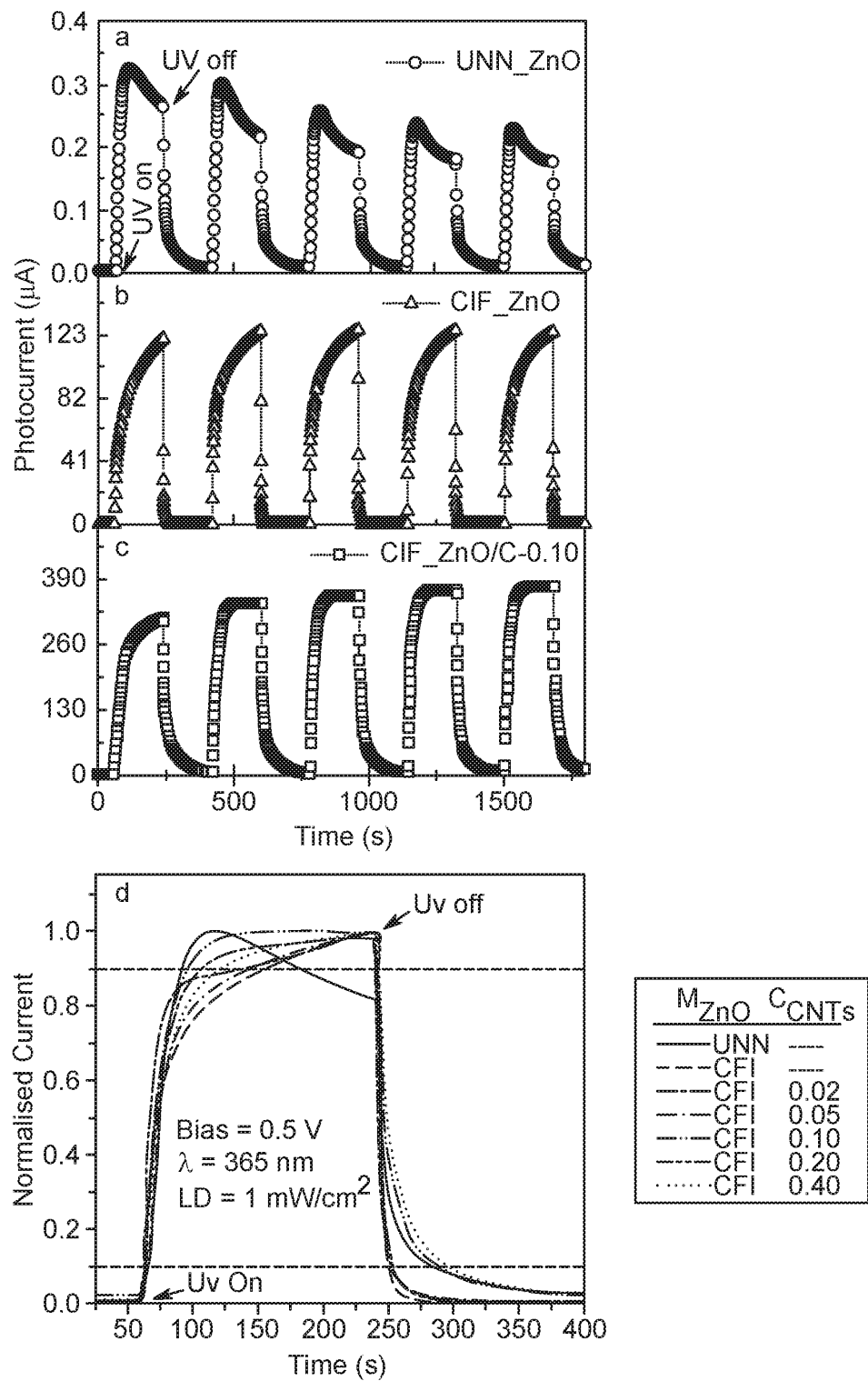


FIG. 17

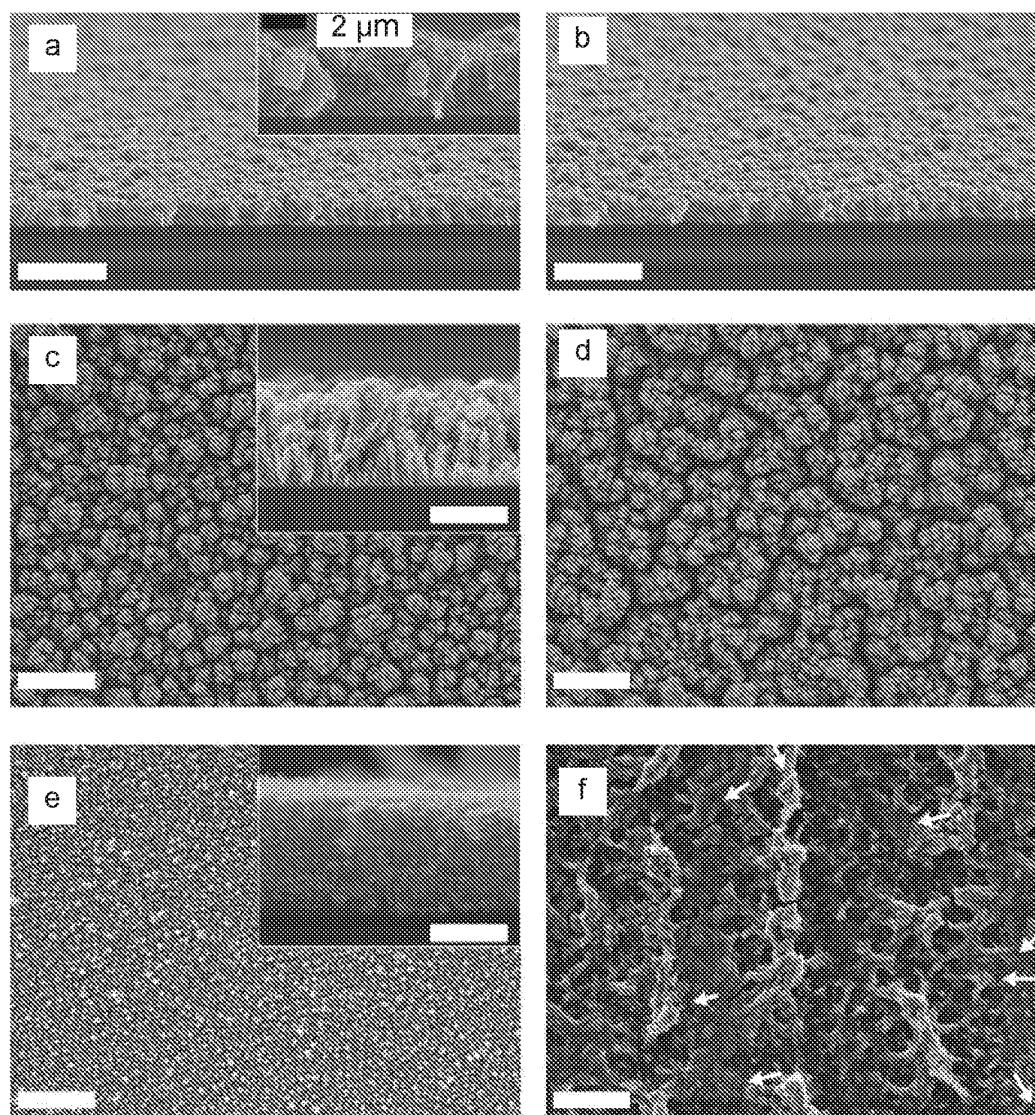


FIG. 18

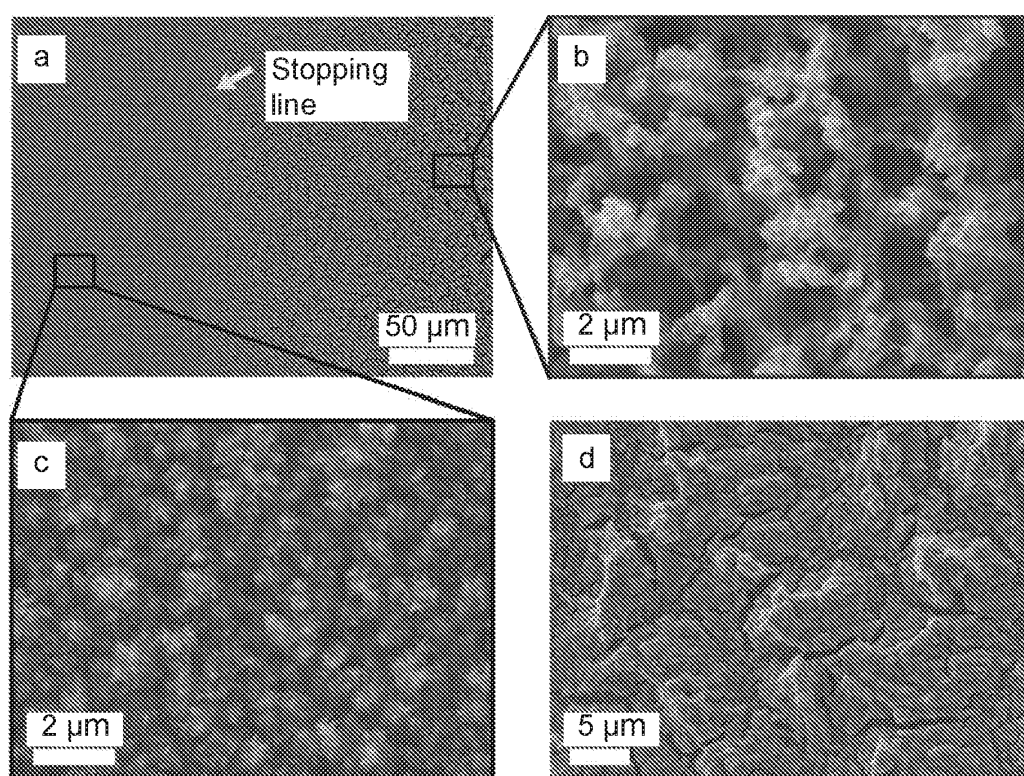


FIG. 19

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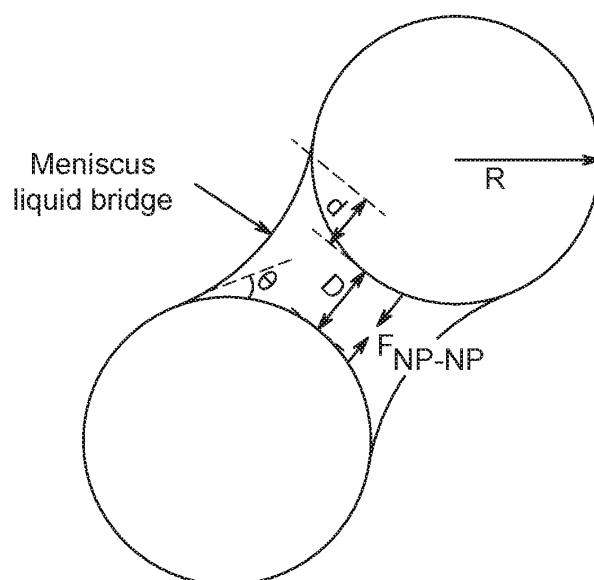


FIG. 20

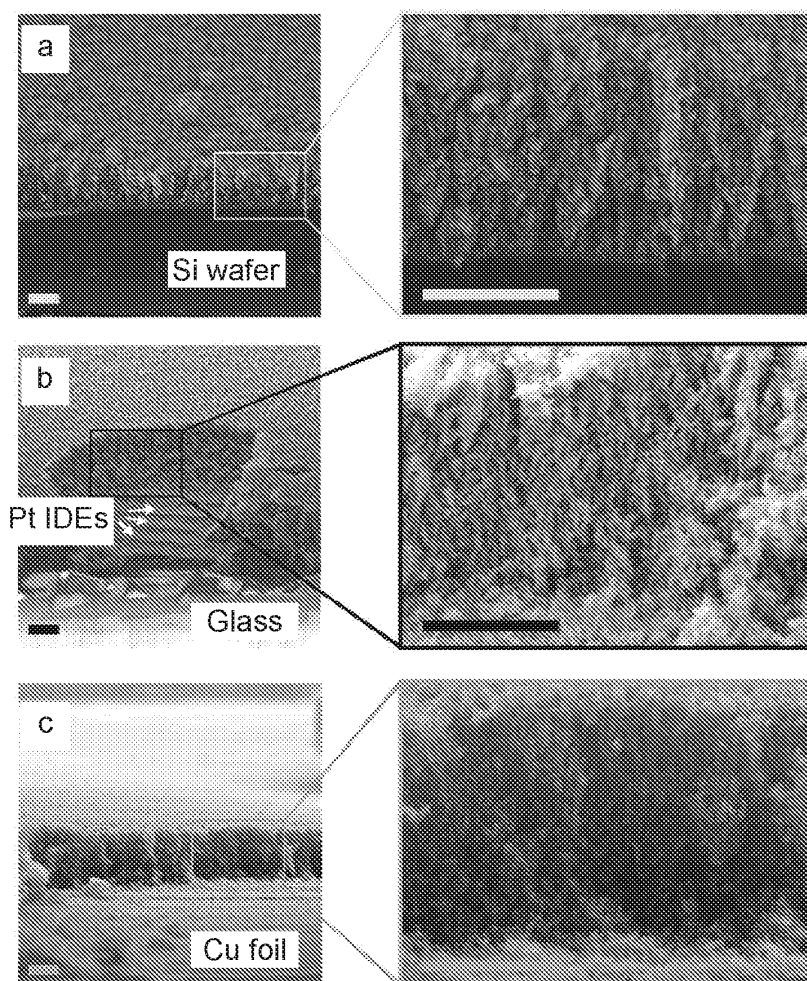


FIG. 21

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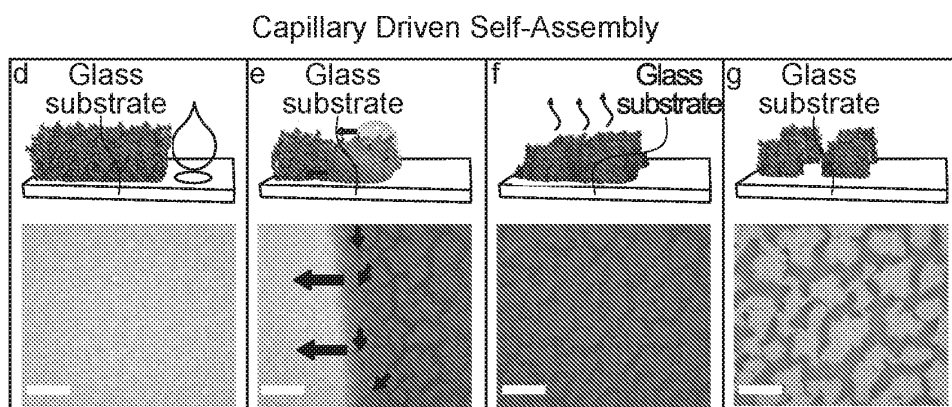
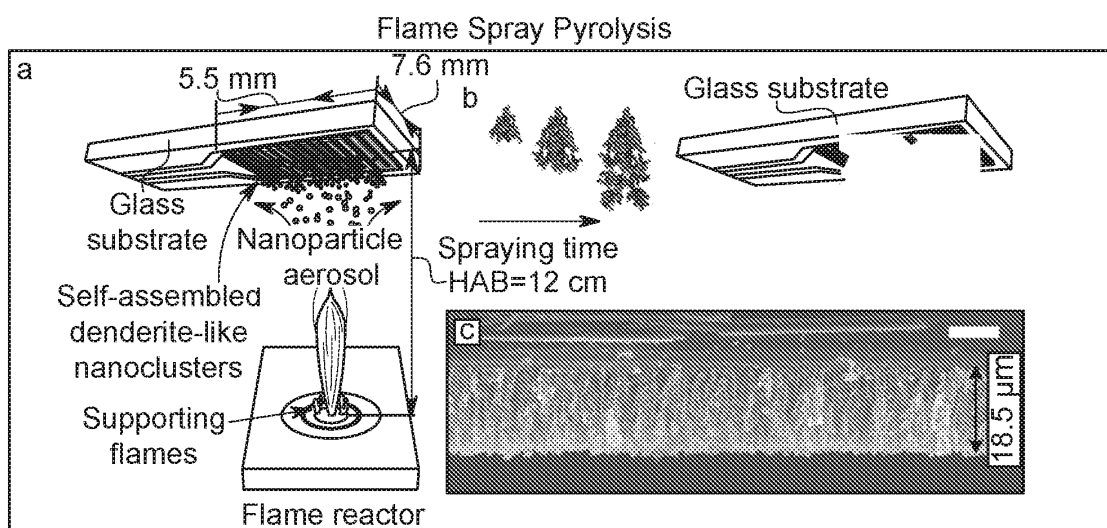


FIG. 22

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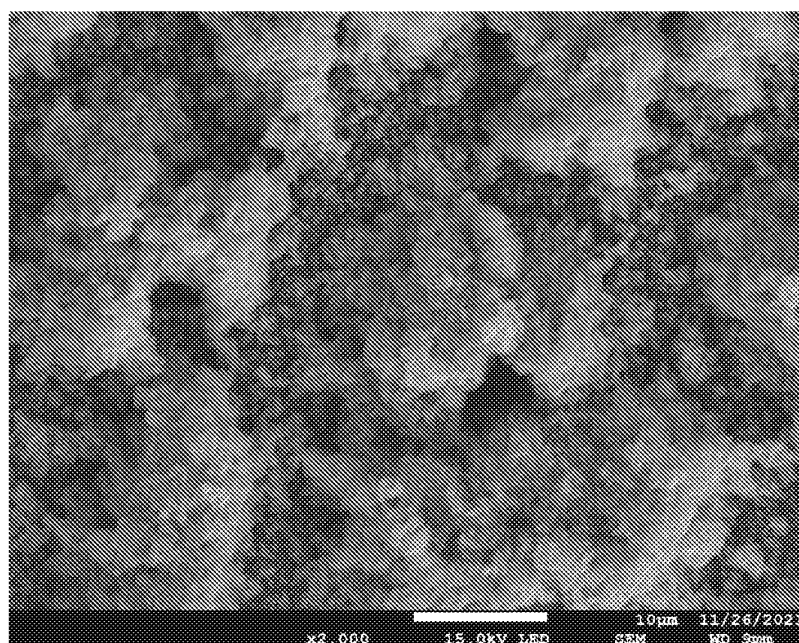
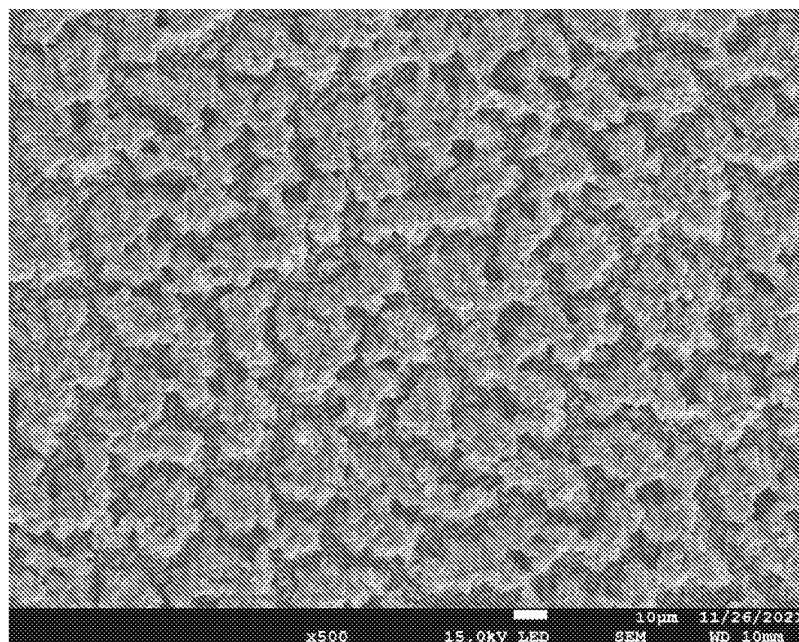


FIG. 23

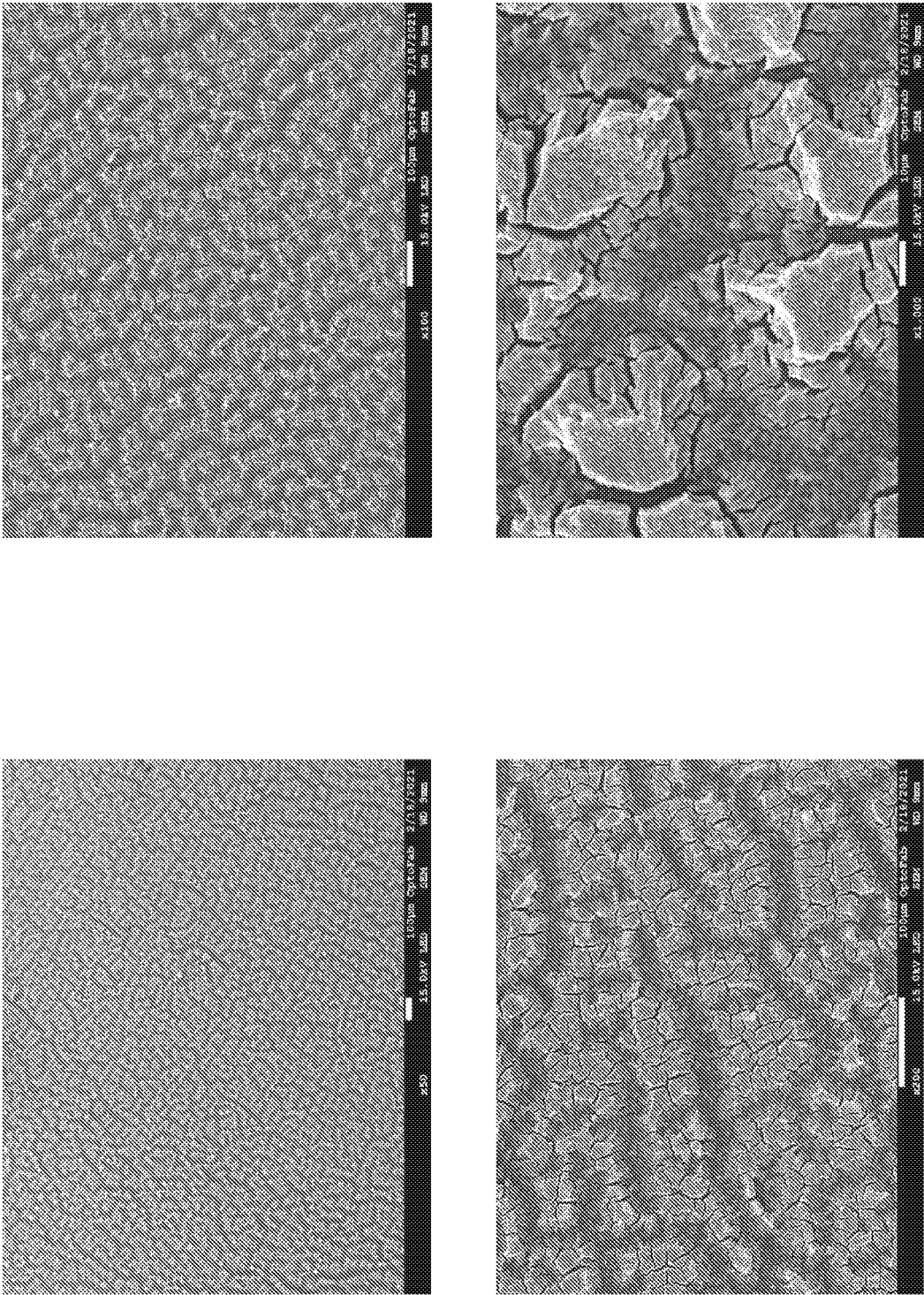


FIG. 24

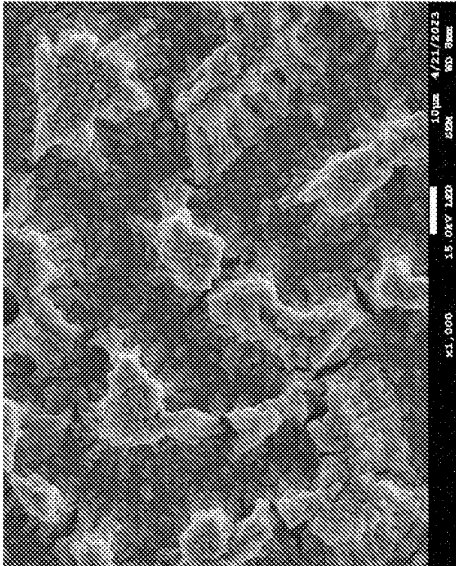


FIG. 25

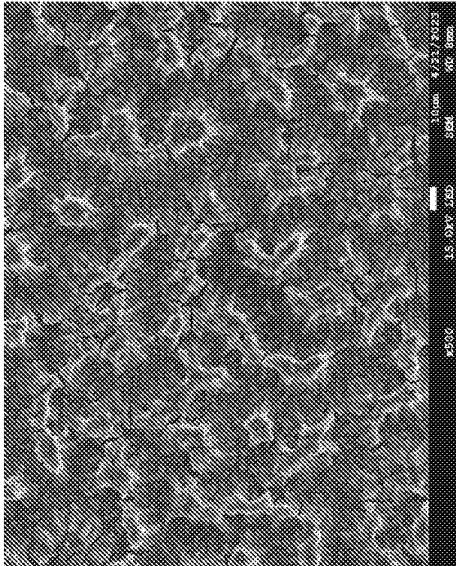


FIG. 26

