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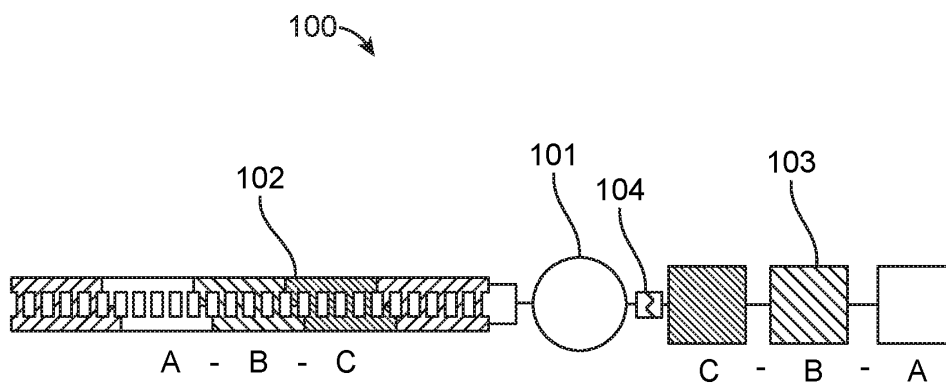


FIG. 1

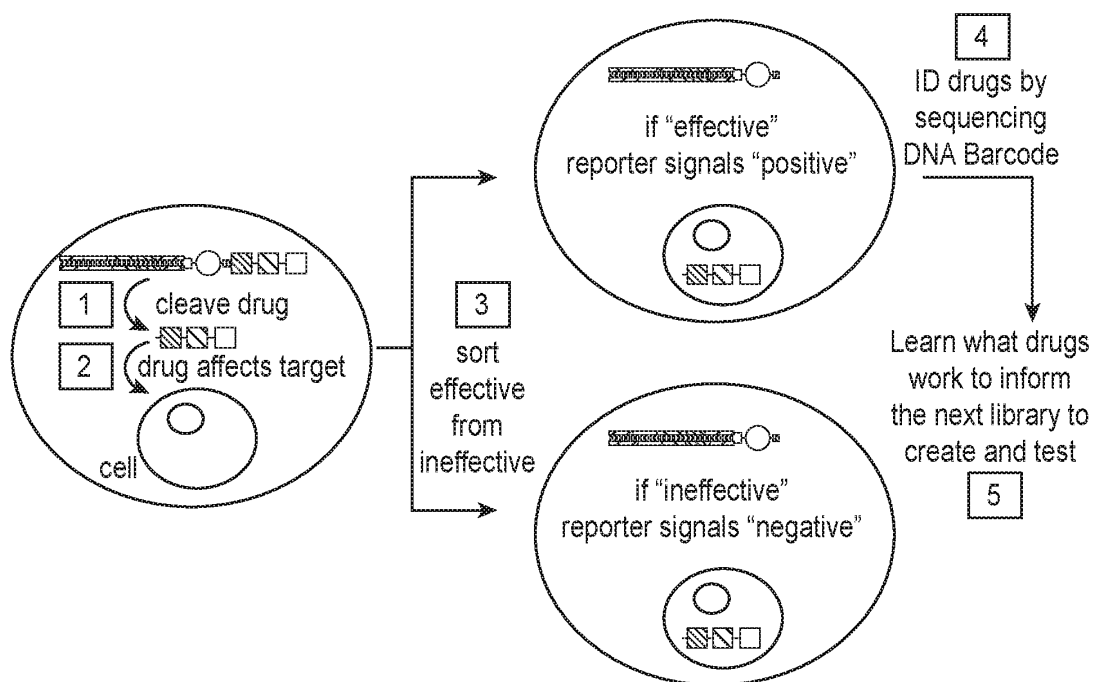


FIG. 2A

Integrated System Definitions

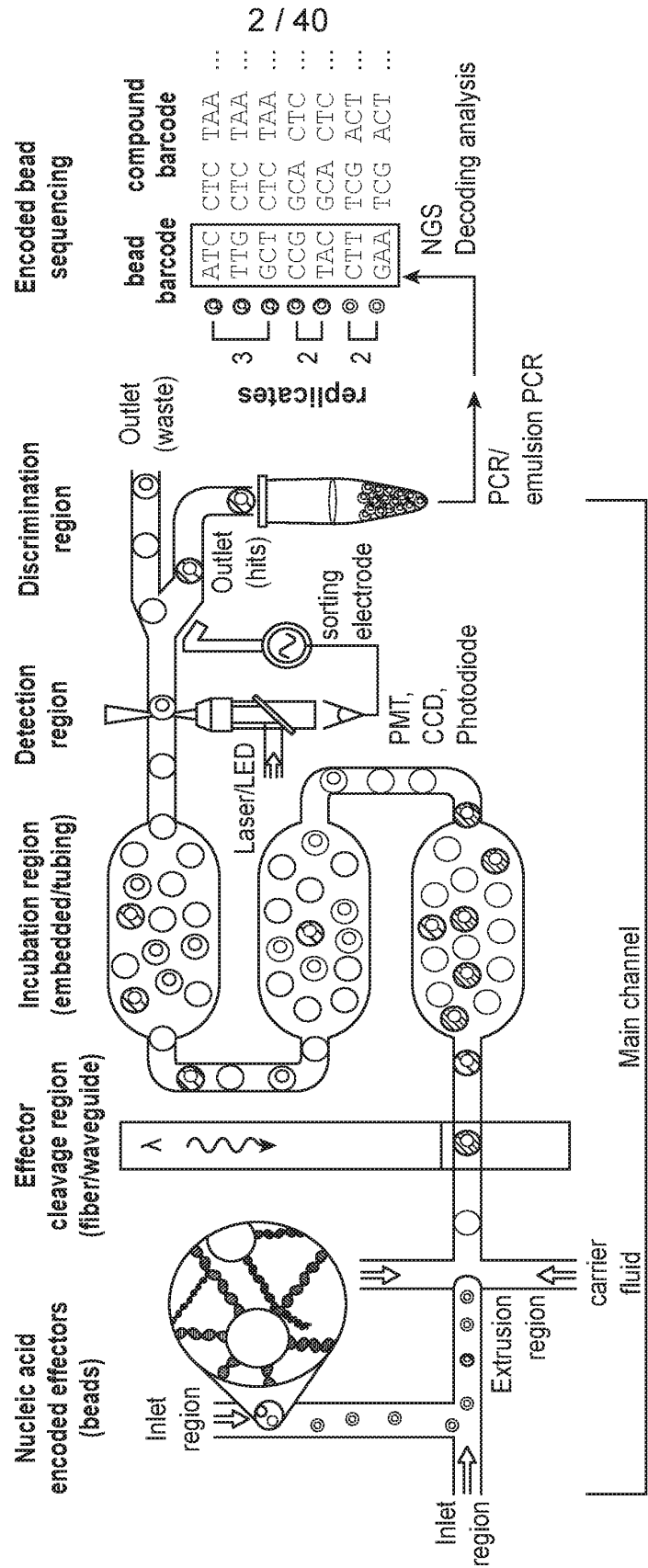


FIG. 2B

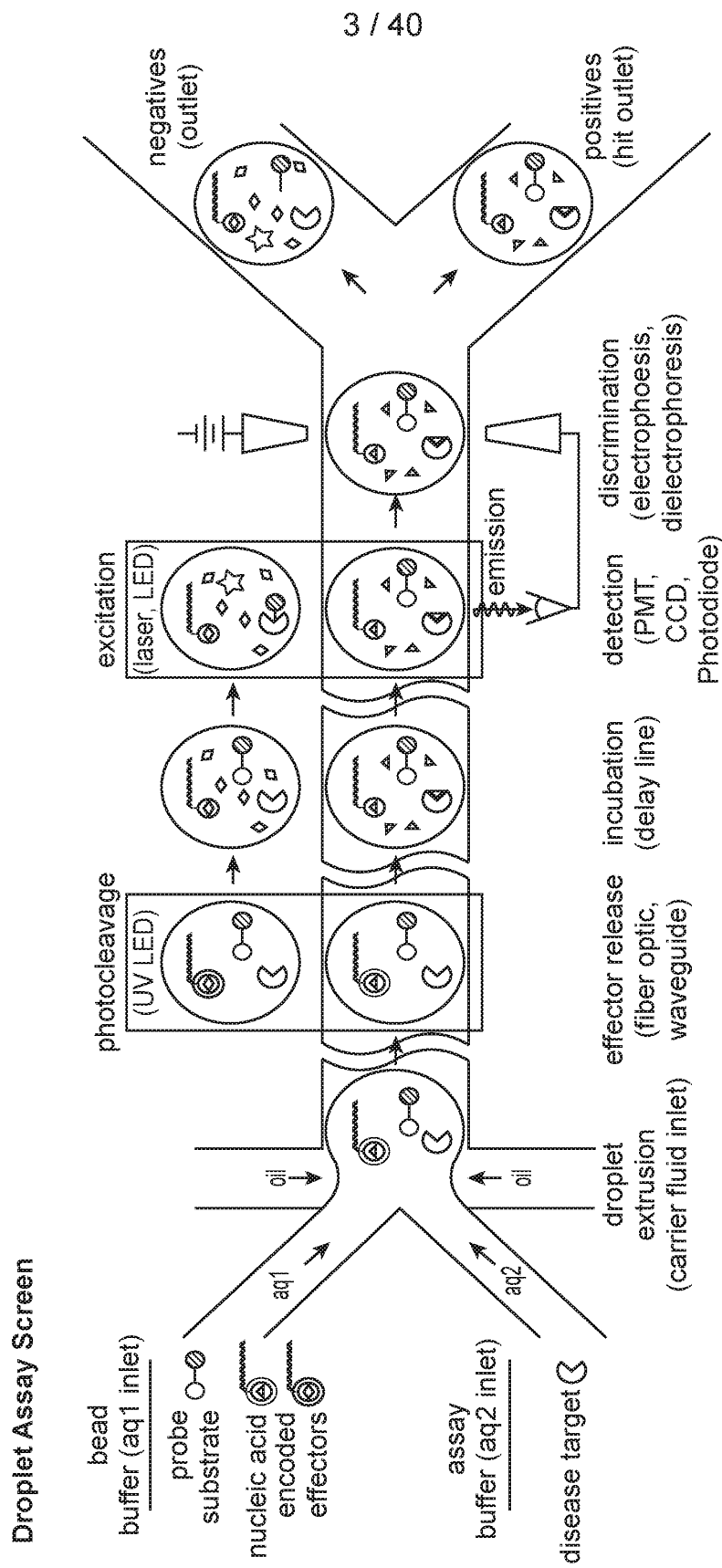


FIG. 2C

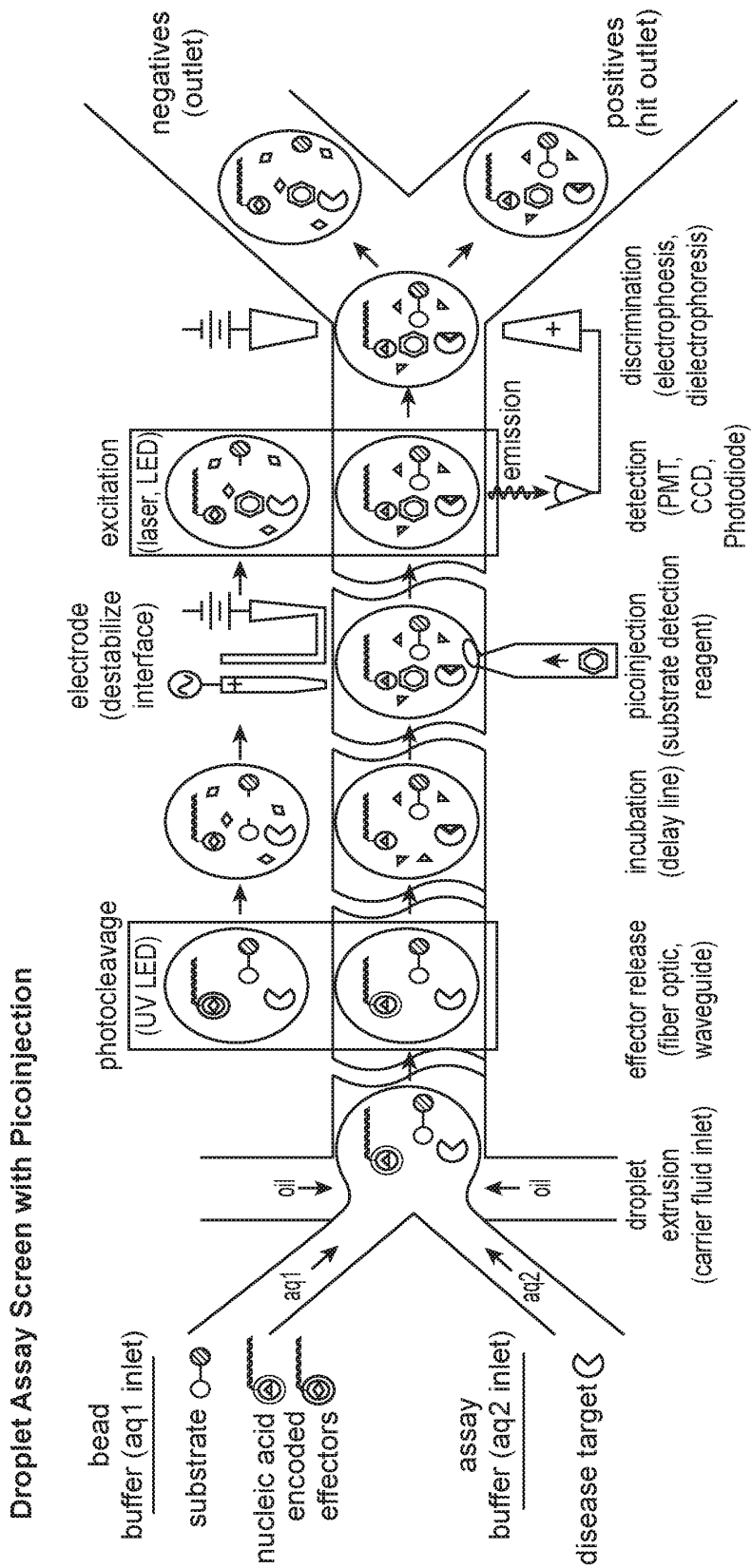


FIG. 2D

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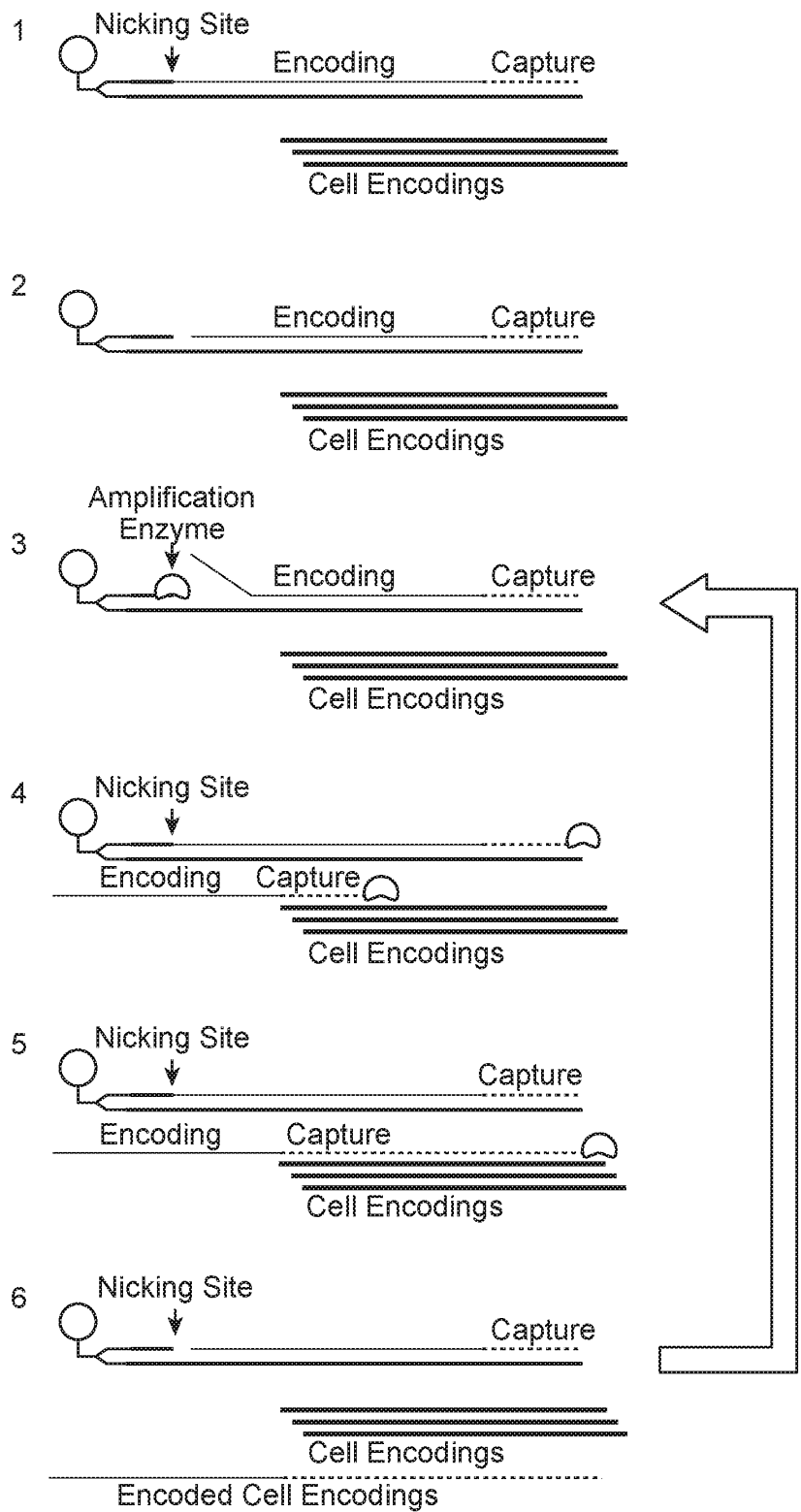


FIG. 3

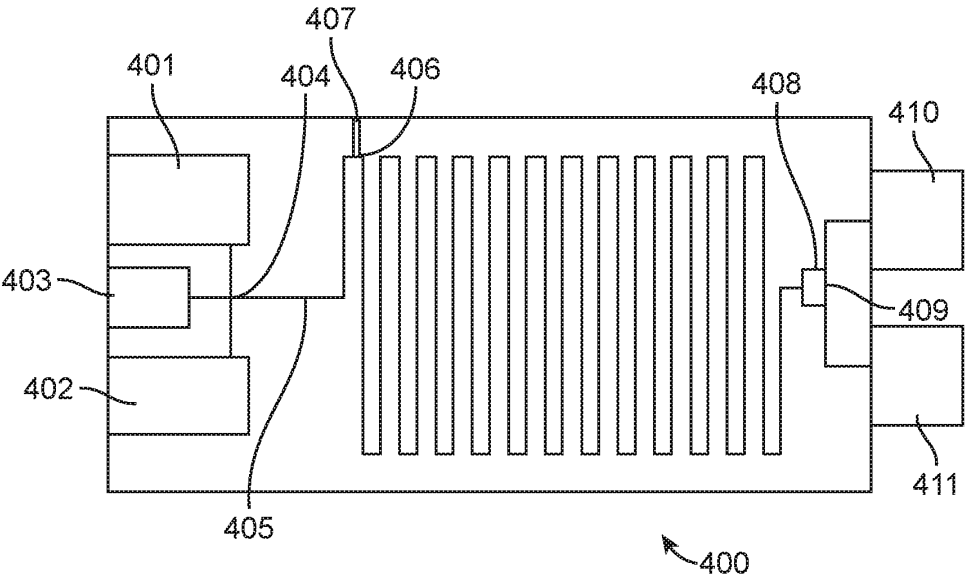


FIG. 4

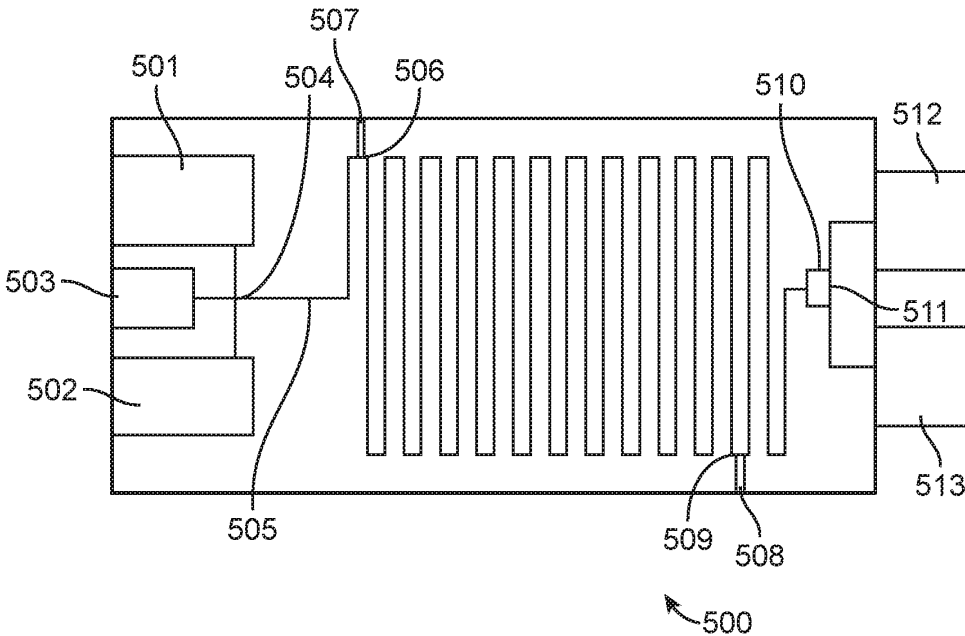


FIG. 5

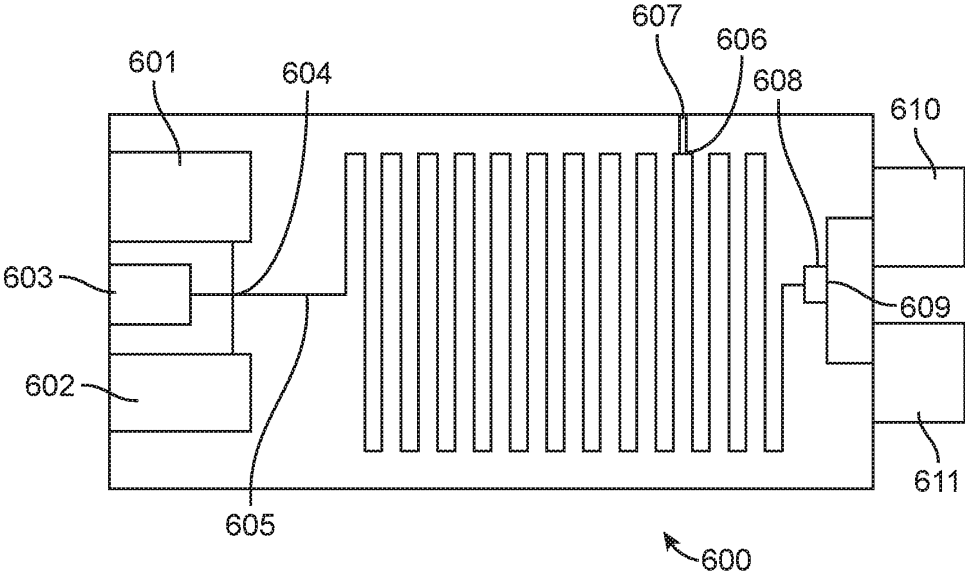


FIG. 6

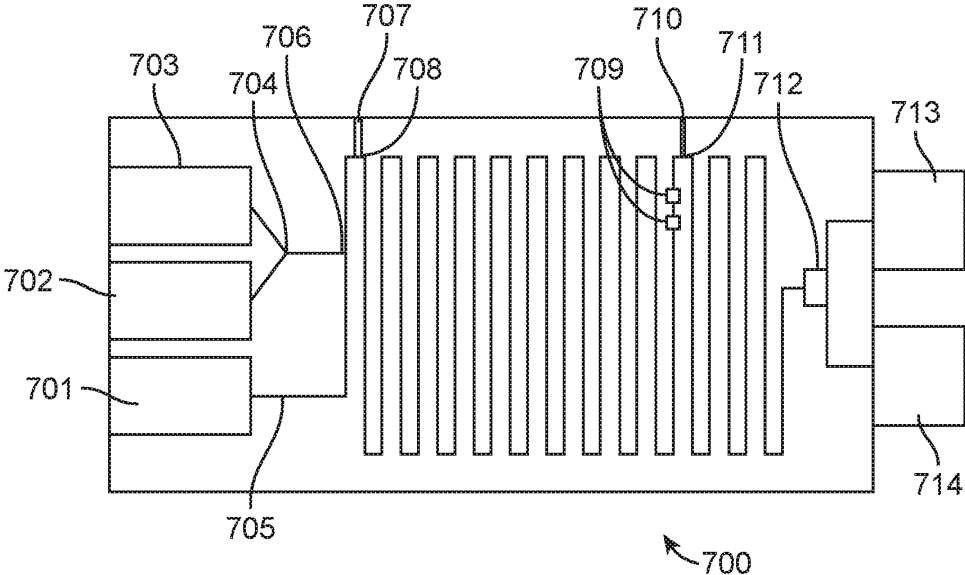


FIG. 7

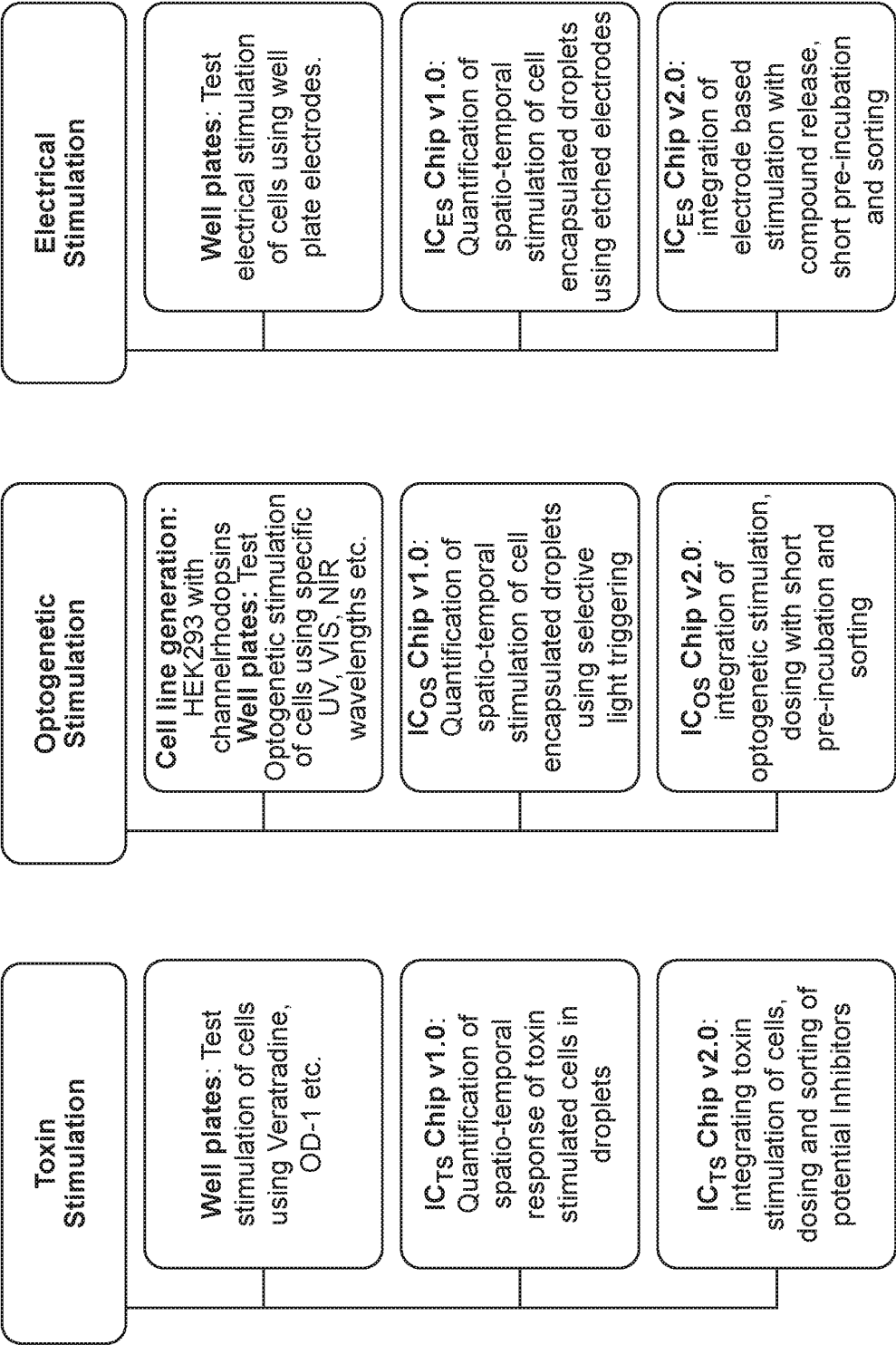


FIG. 8

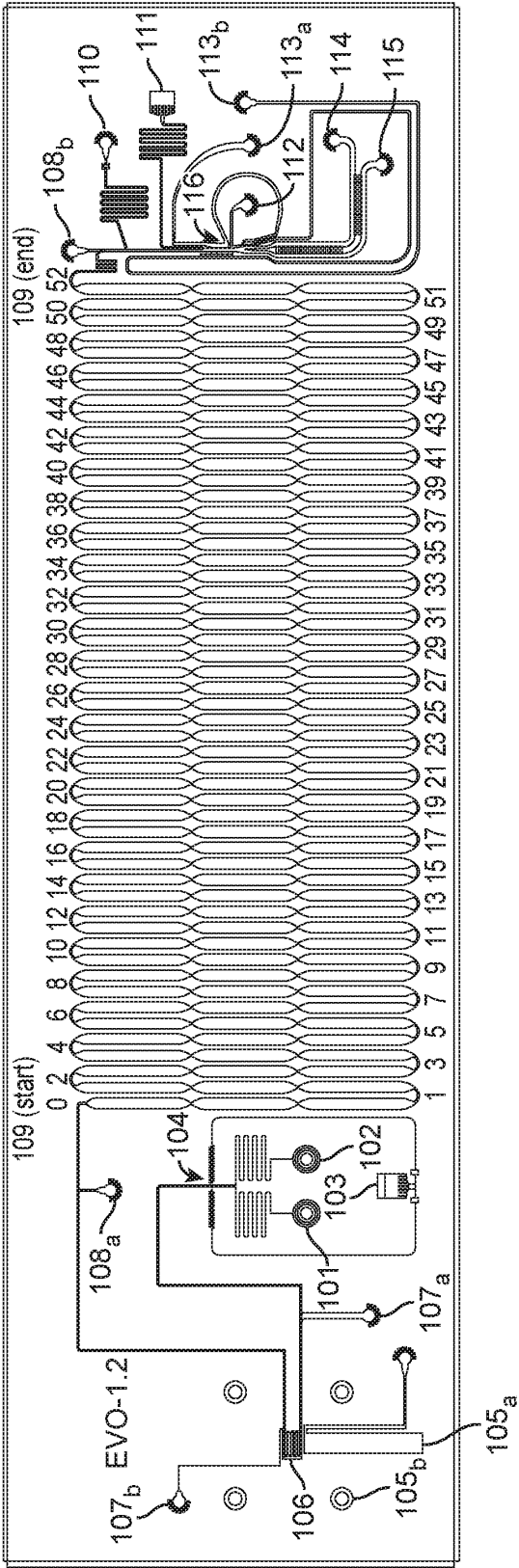


FIG. 9A

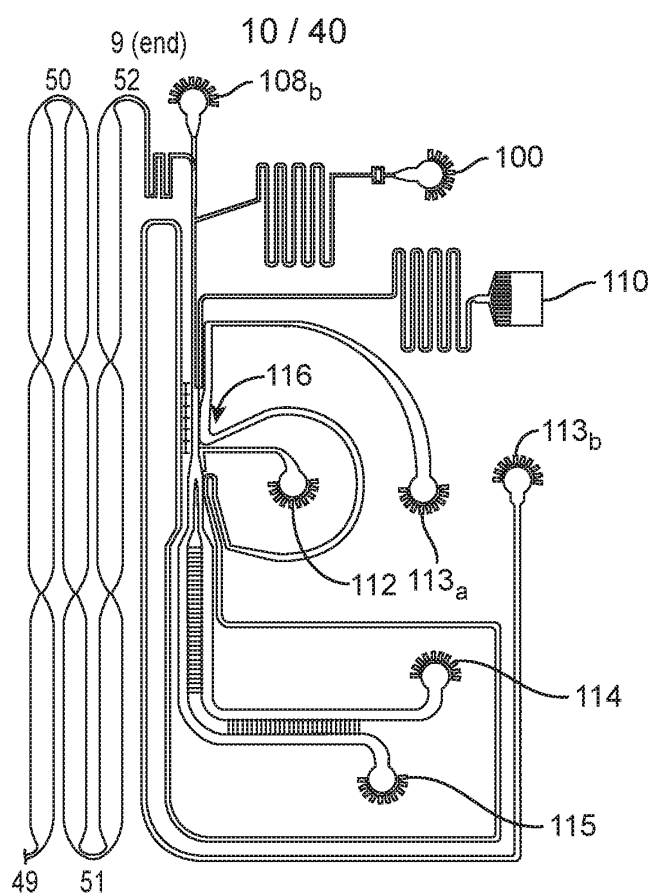


FIG. 9B

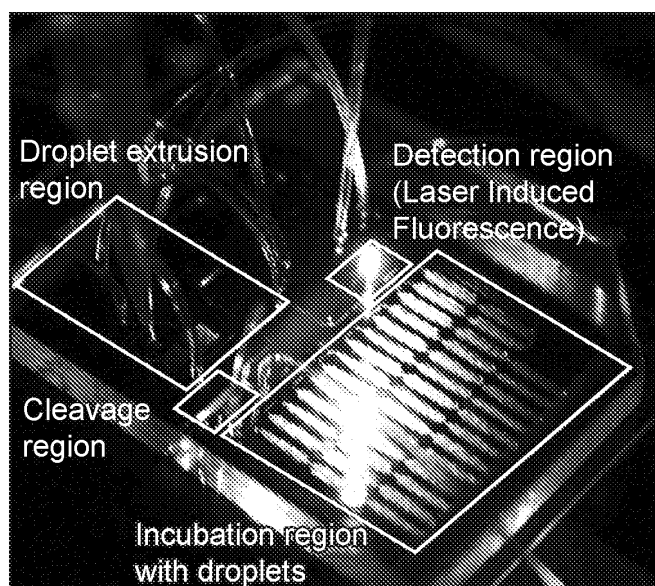


FIG. 9C

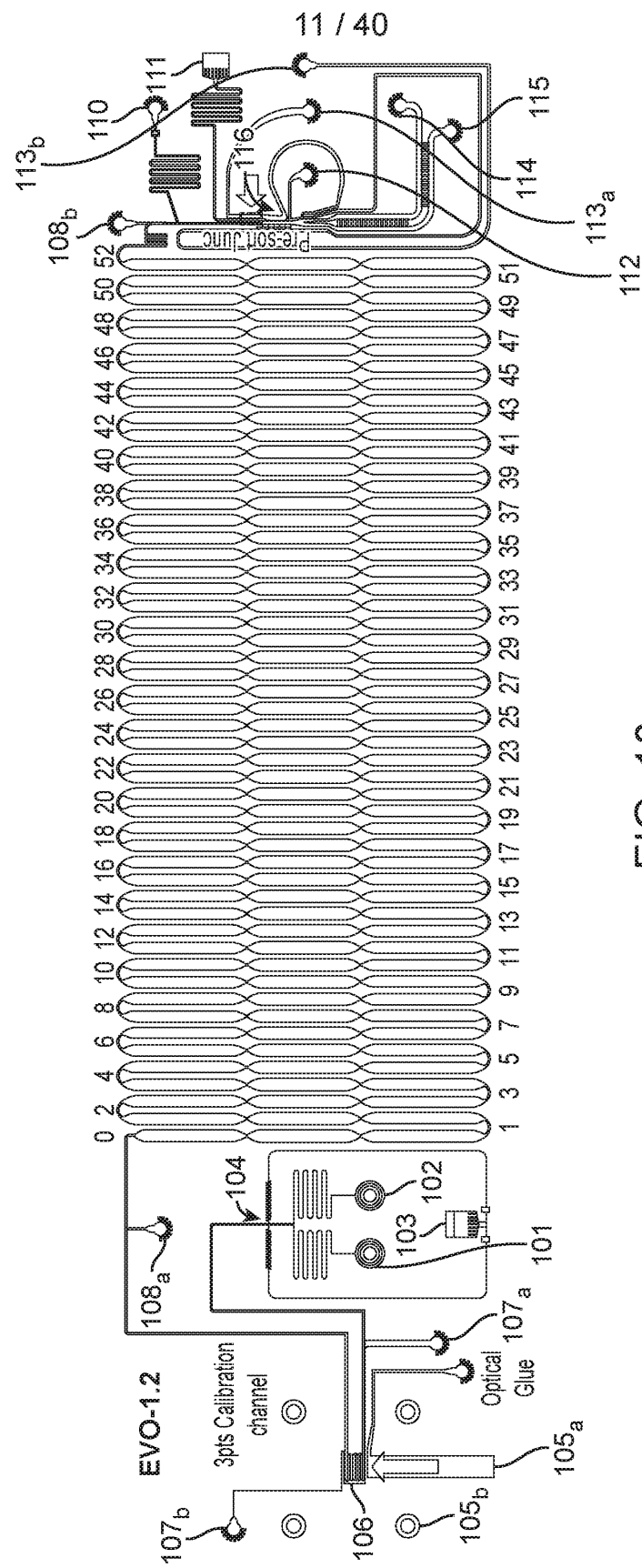


FIG. 10

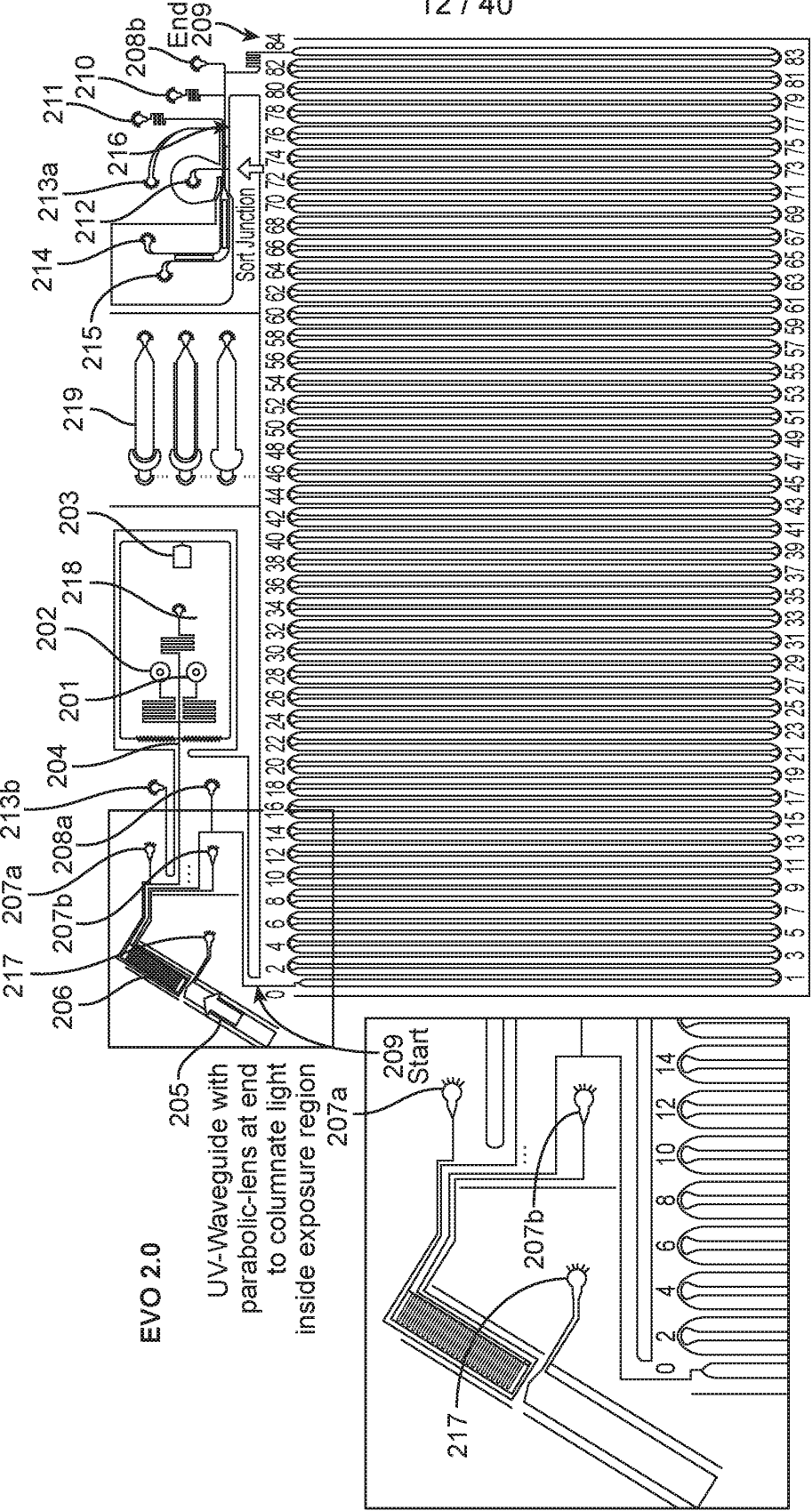


FIG. 11

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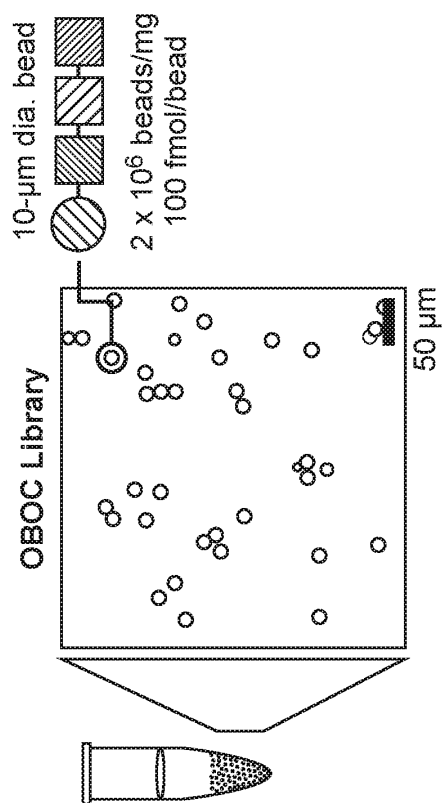


FIG. 12A

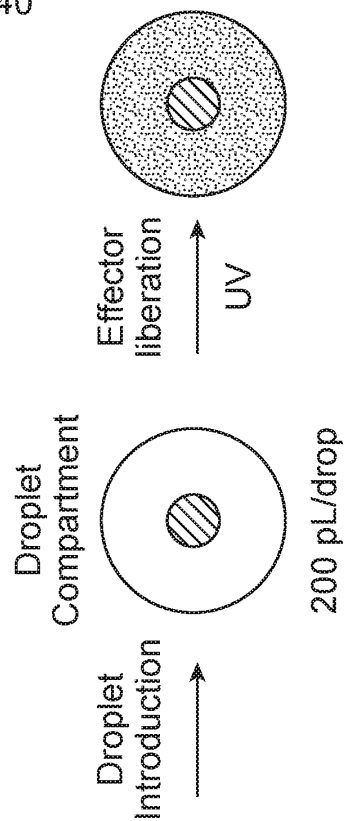
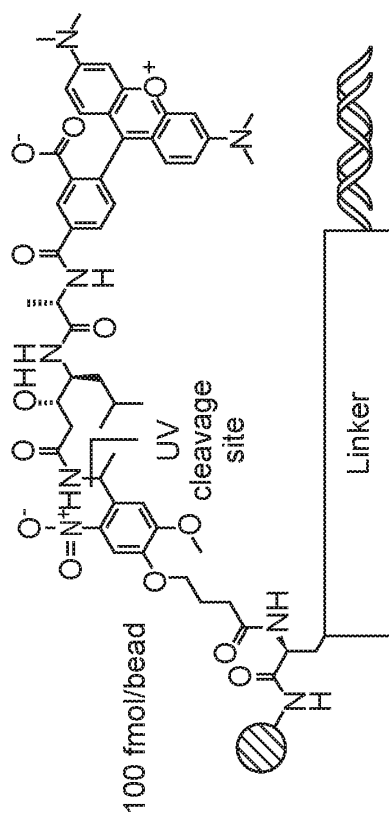


FIG. 12B

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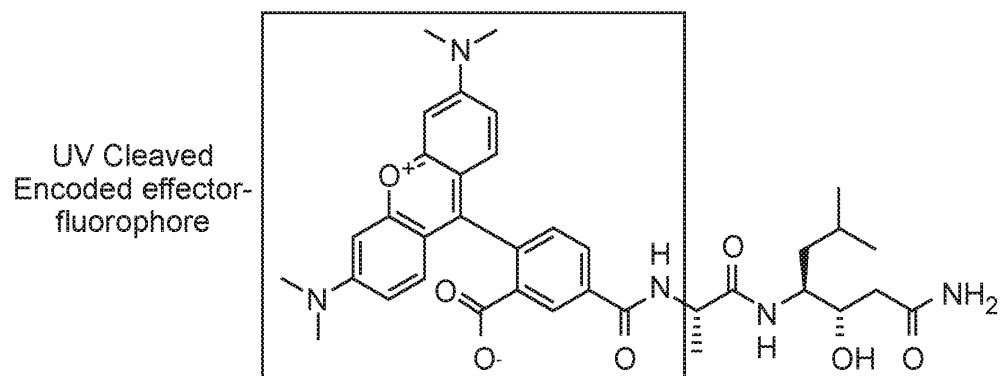


FIG. 12C

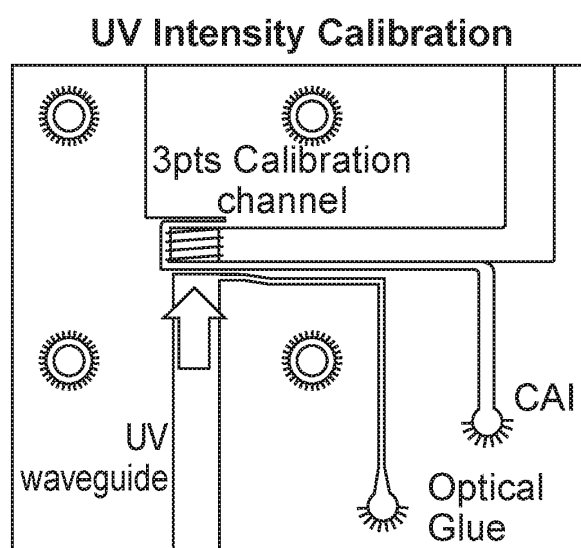


FIG. 12D

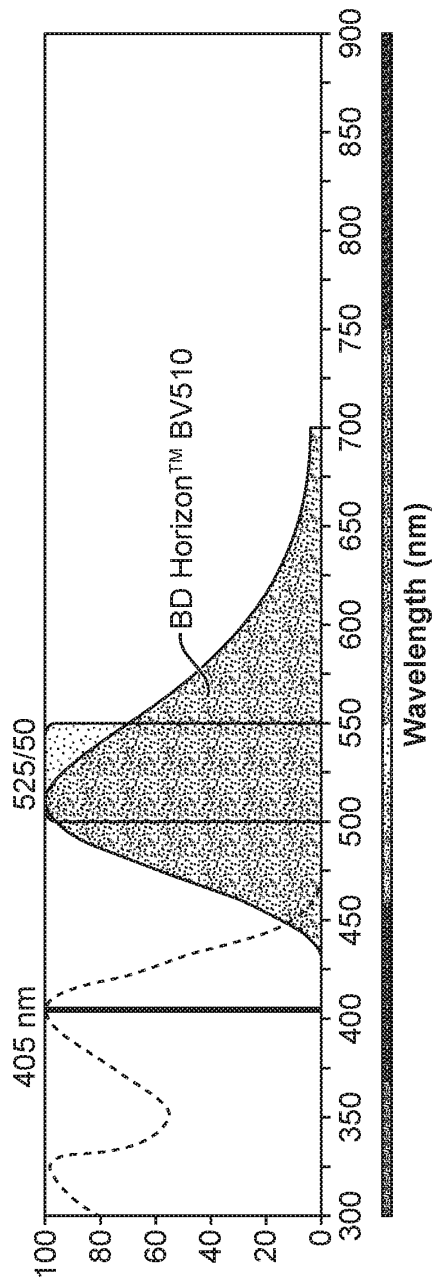


FIG. 12E

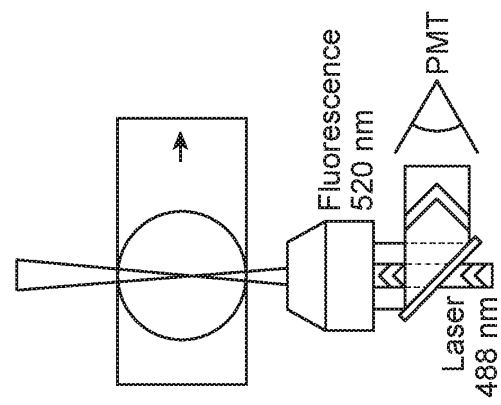


FIG. 12F

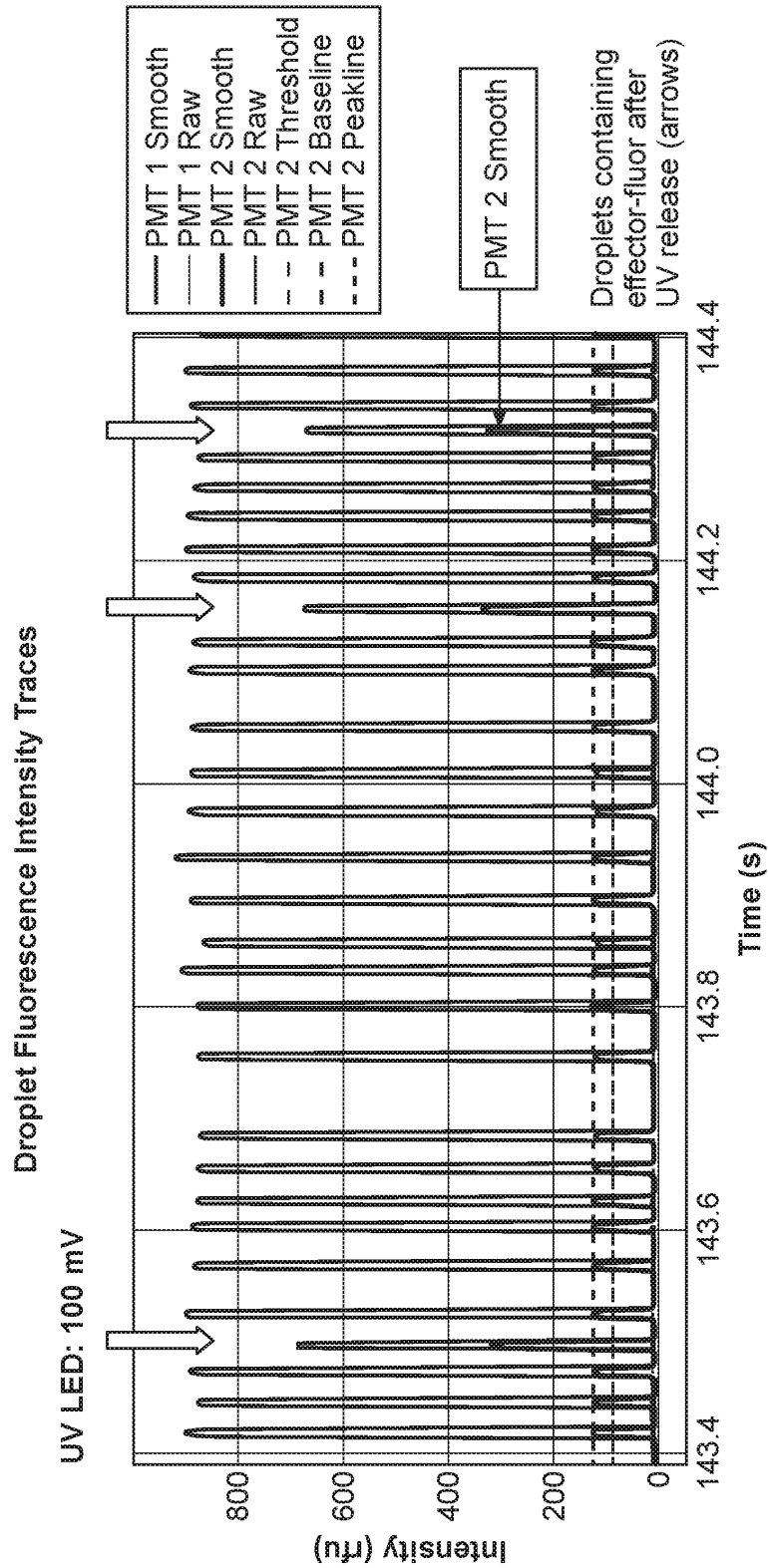


FIG. 13A

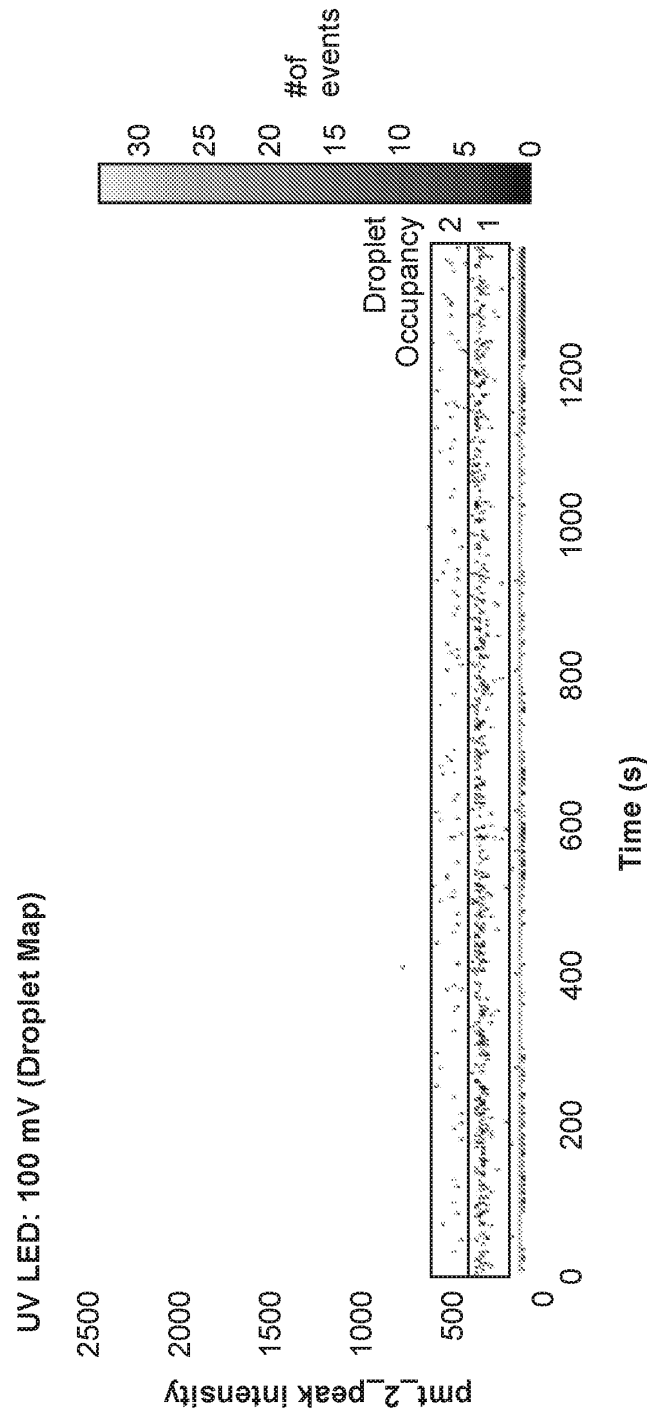


FIG. 13B

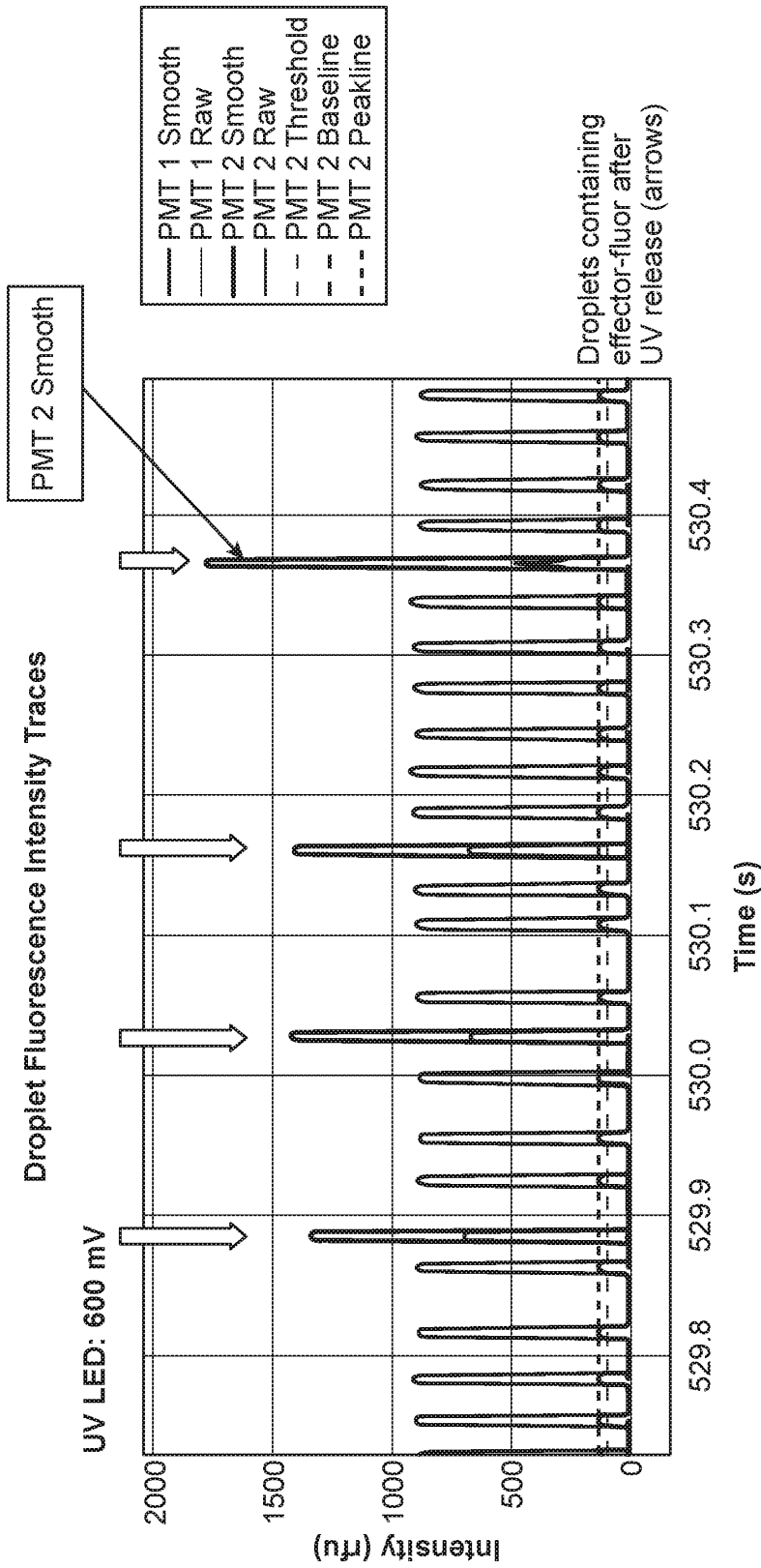


FIG. 14A

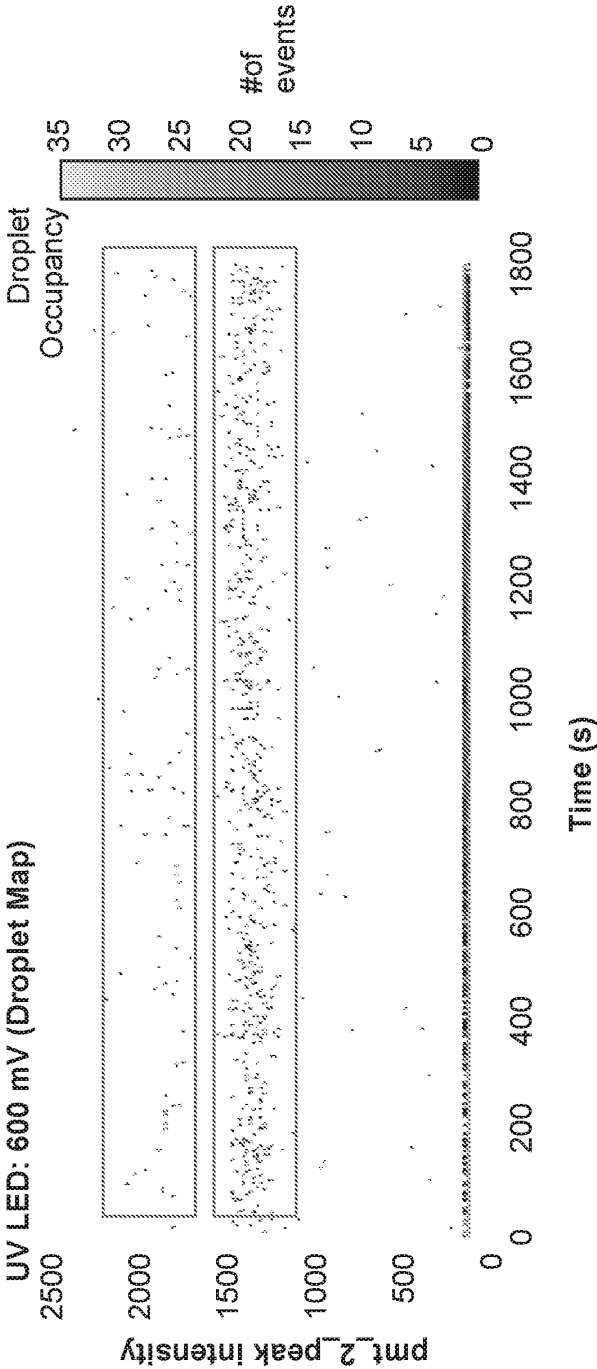


FIG. 14B

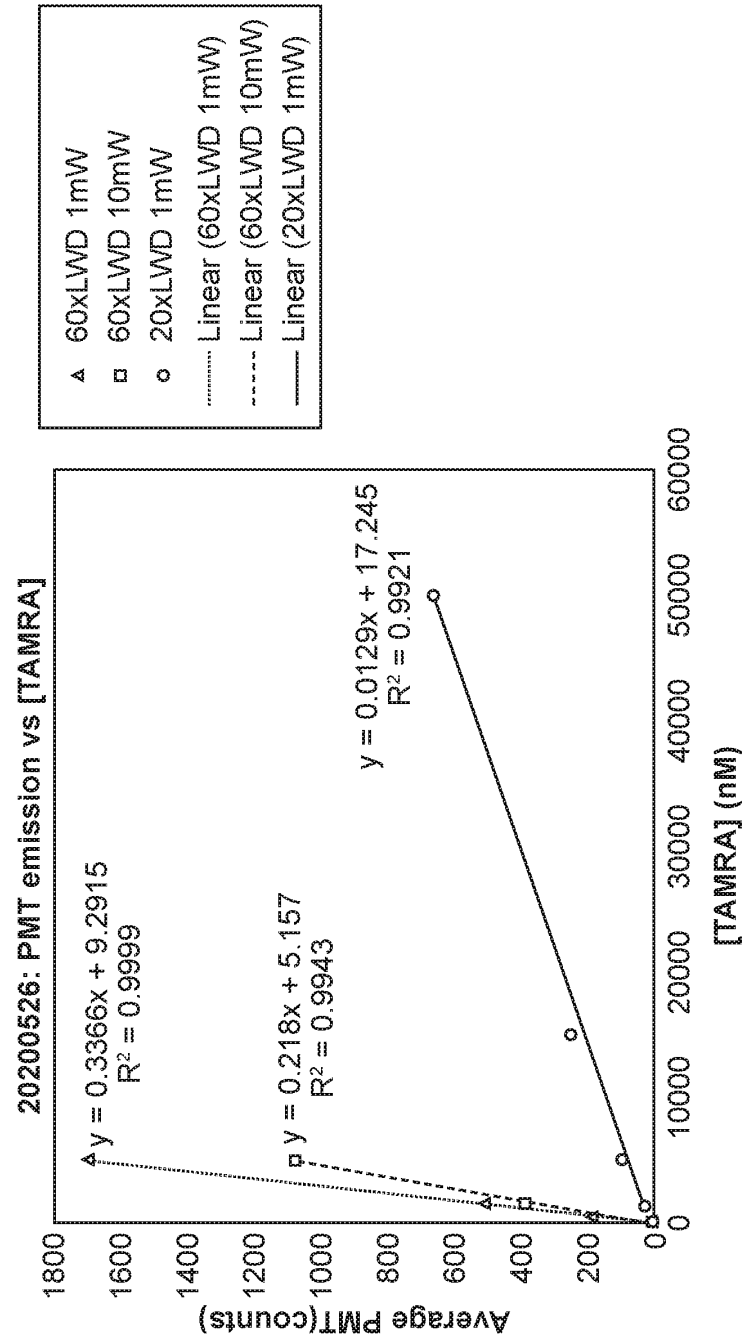


FIG. 15A

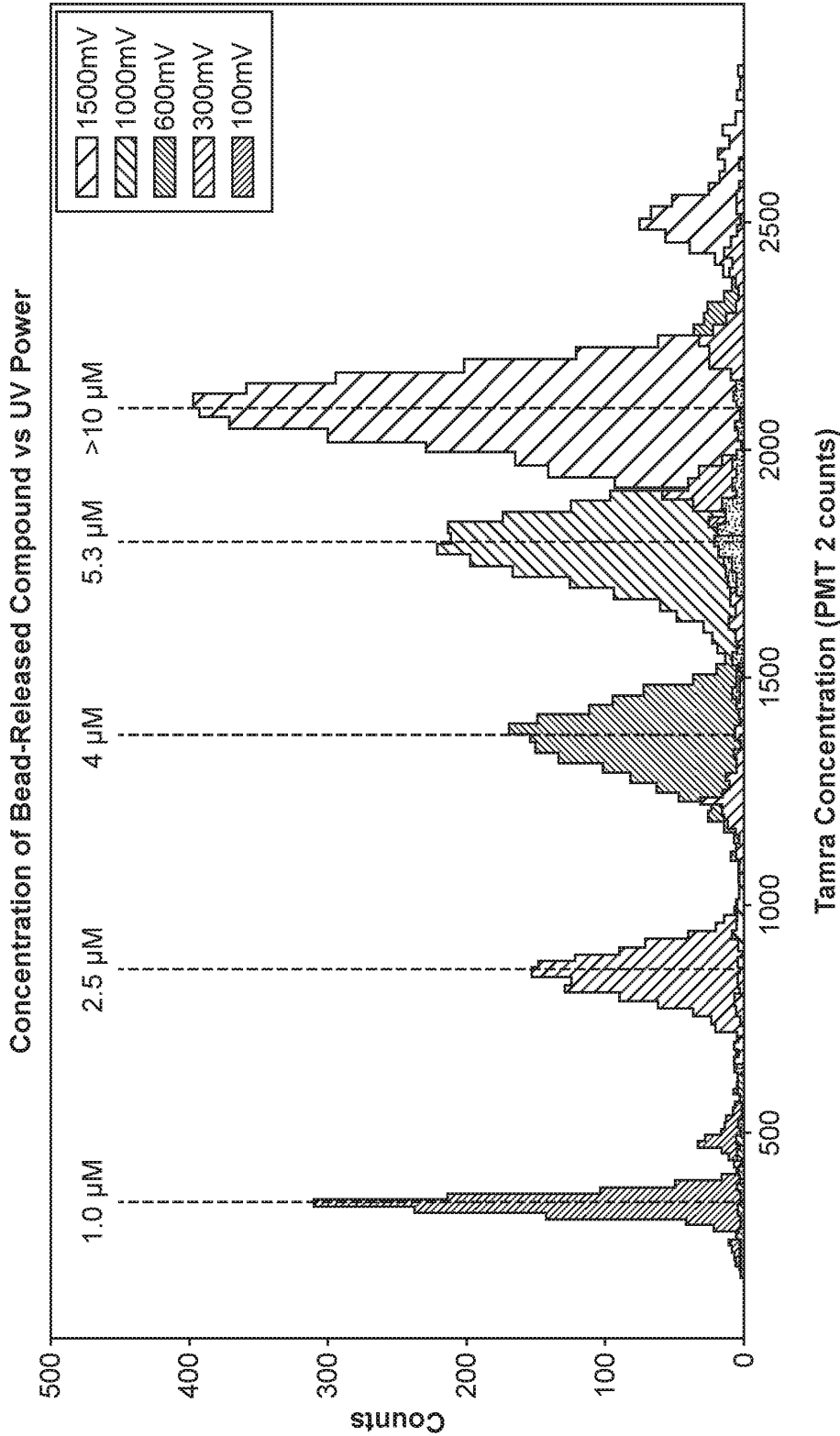


FIG. 15B

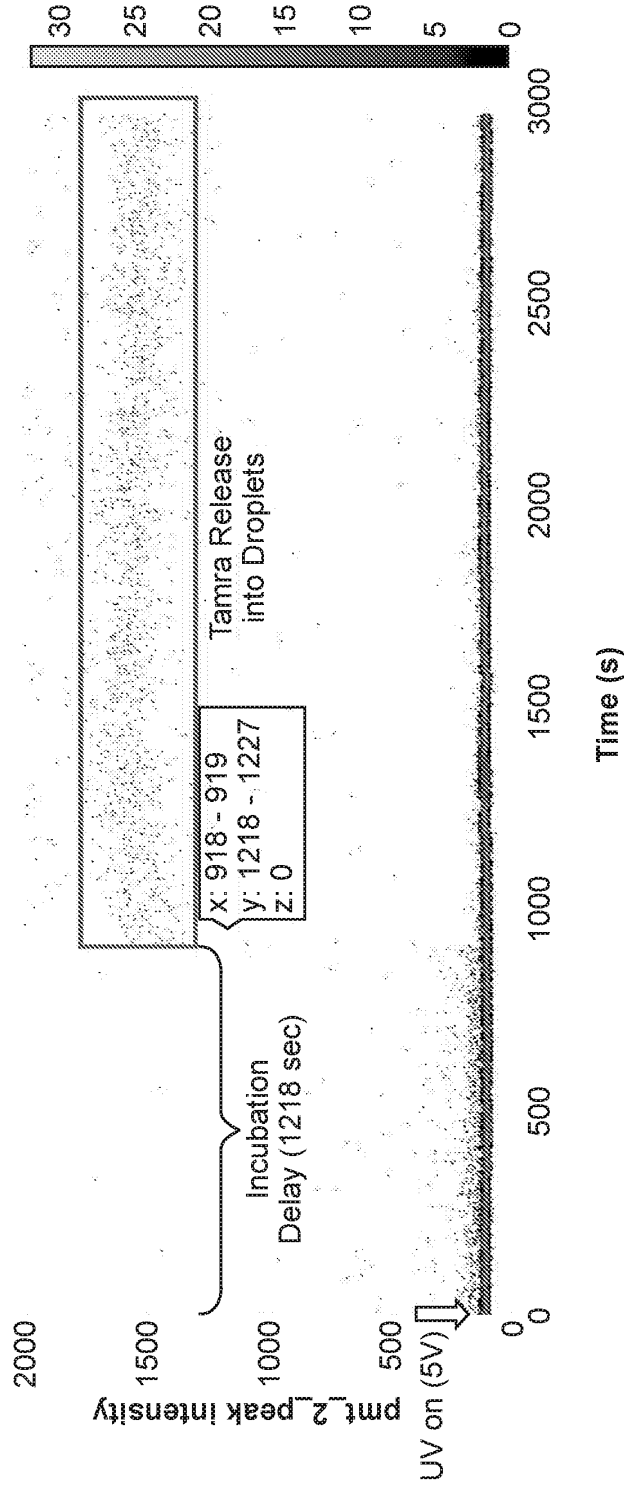


FIG. 16

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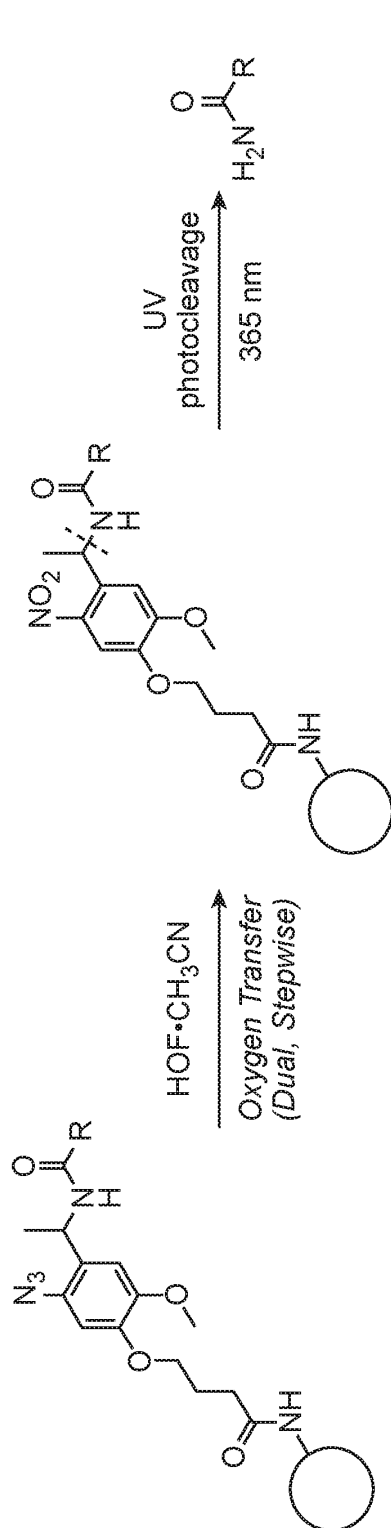


FIG. 17A

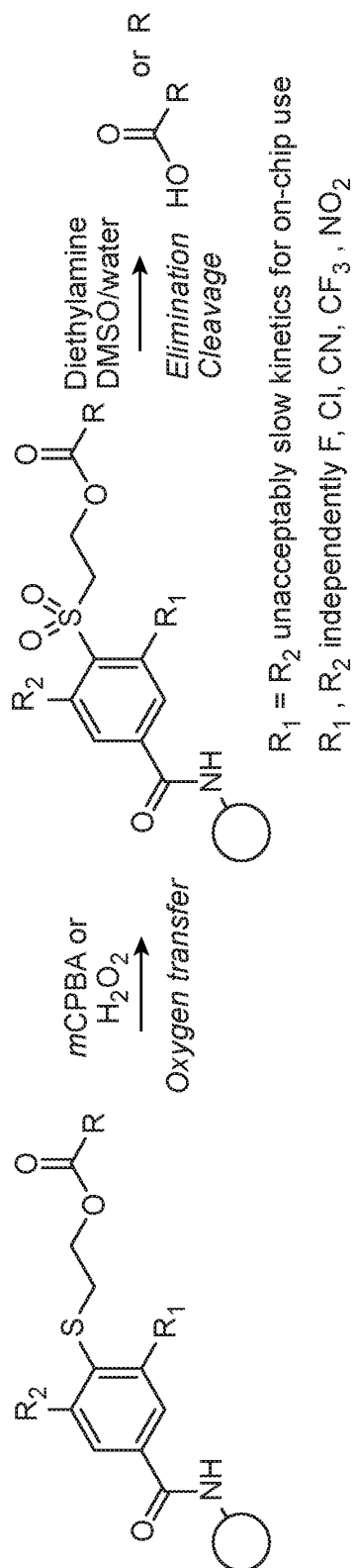


FIG. 17B

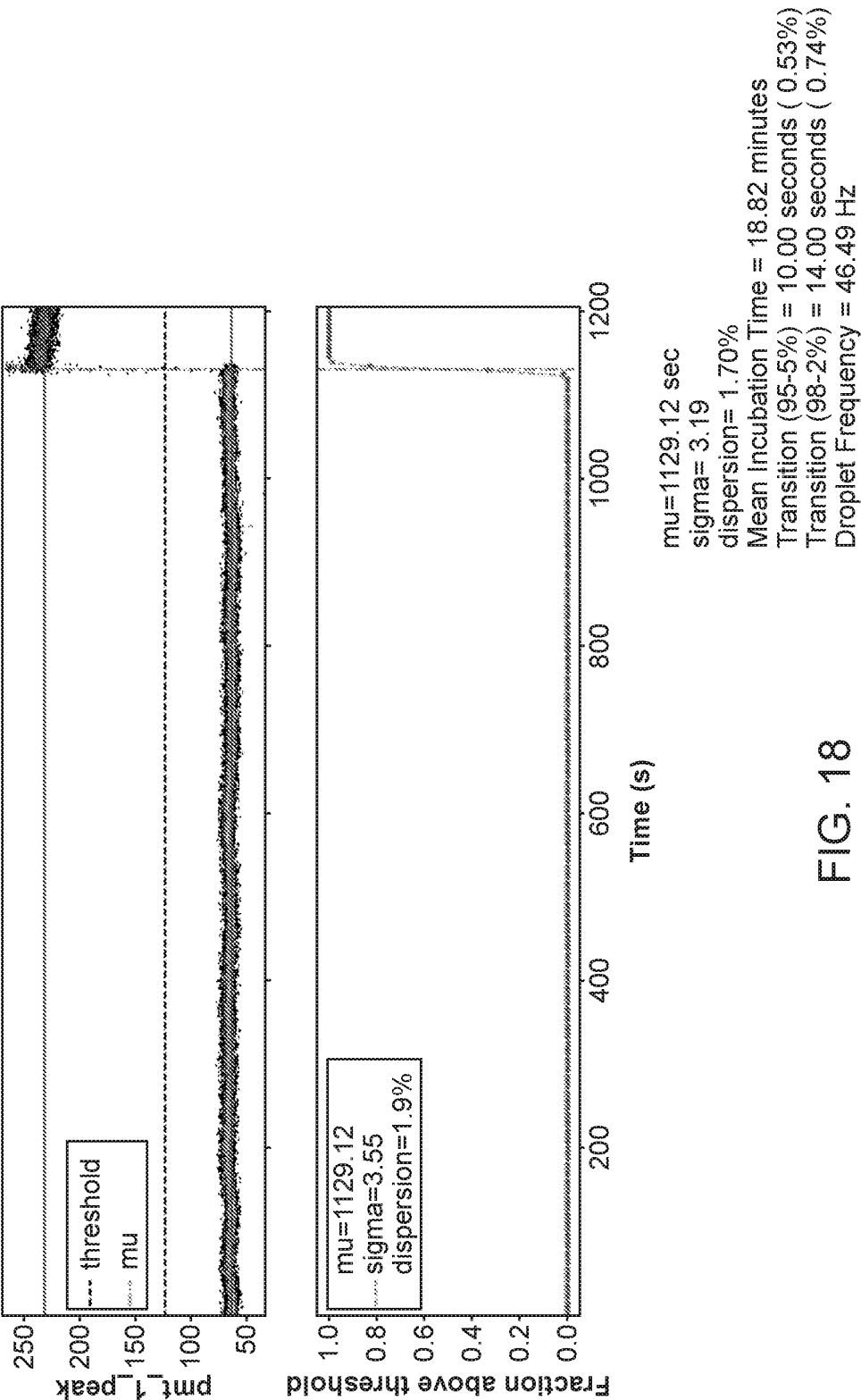


FIG. 18

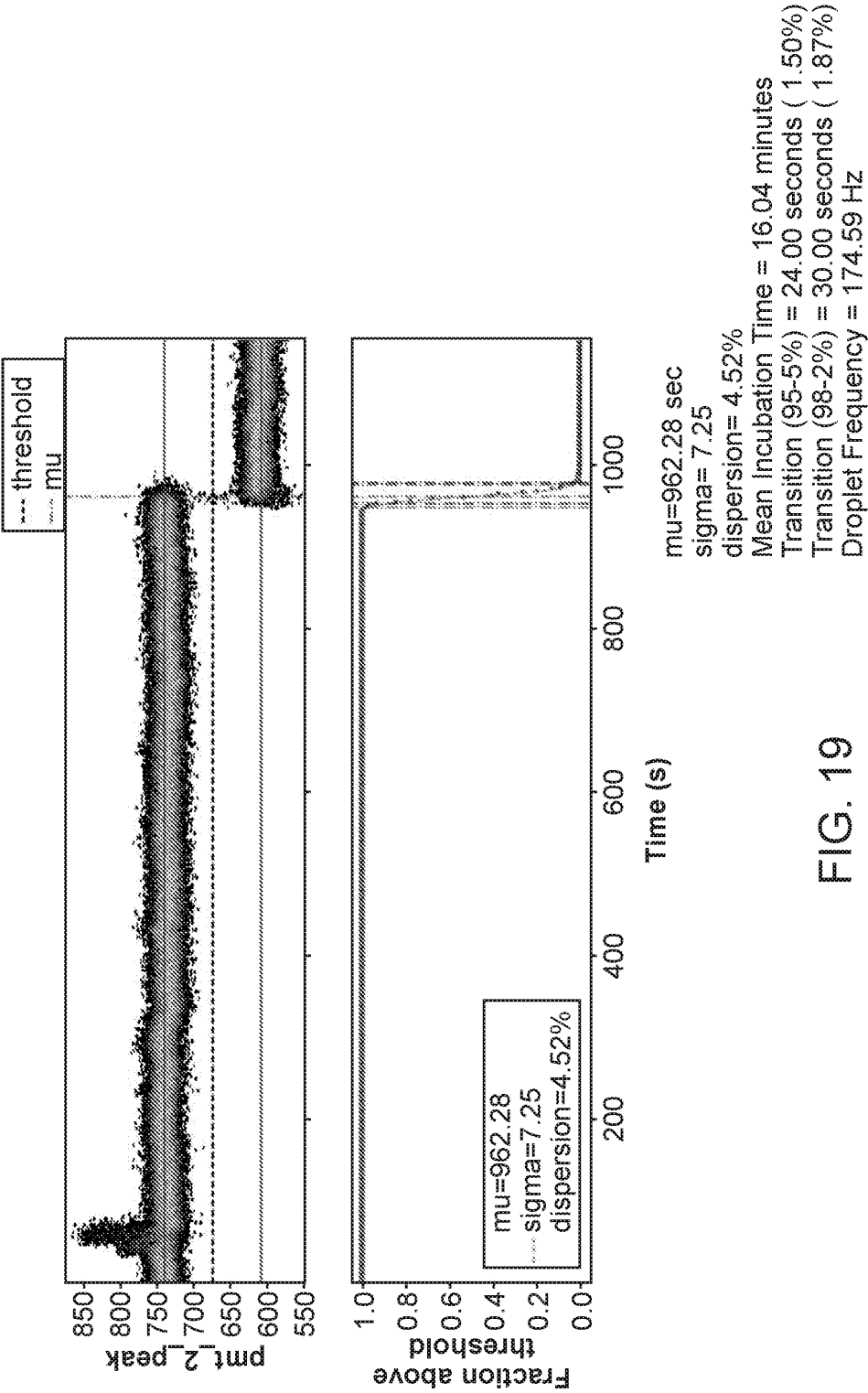
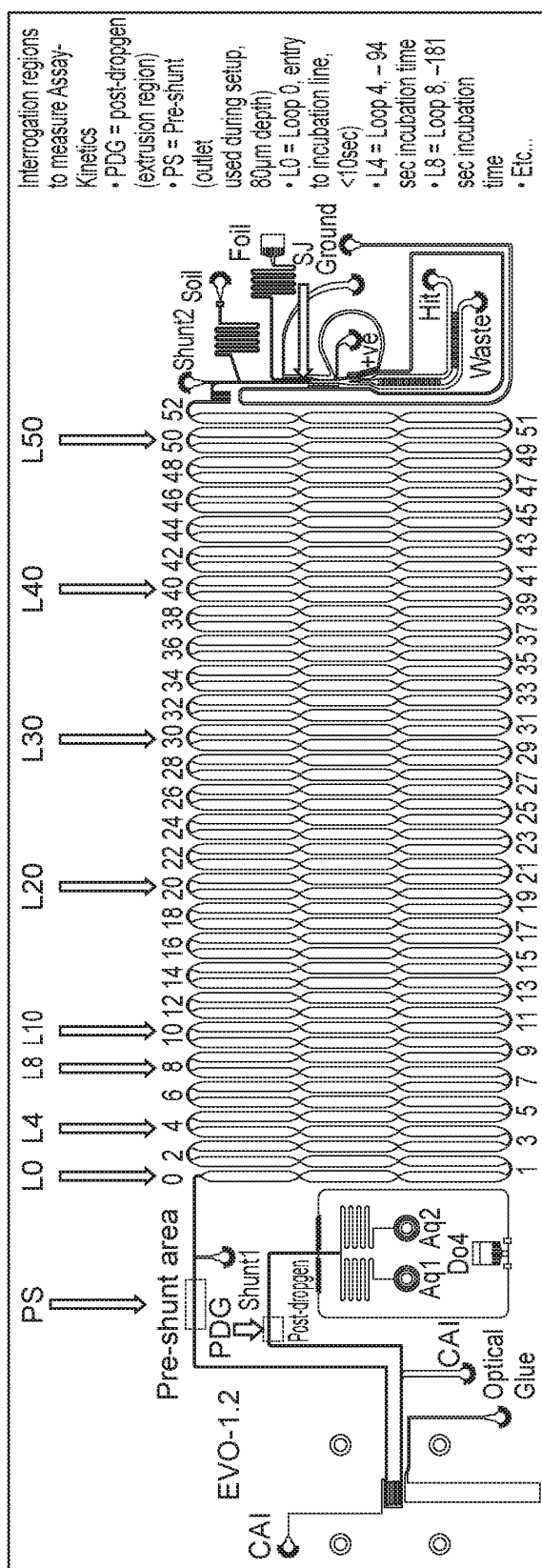
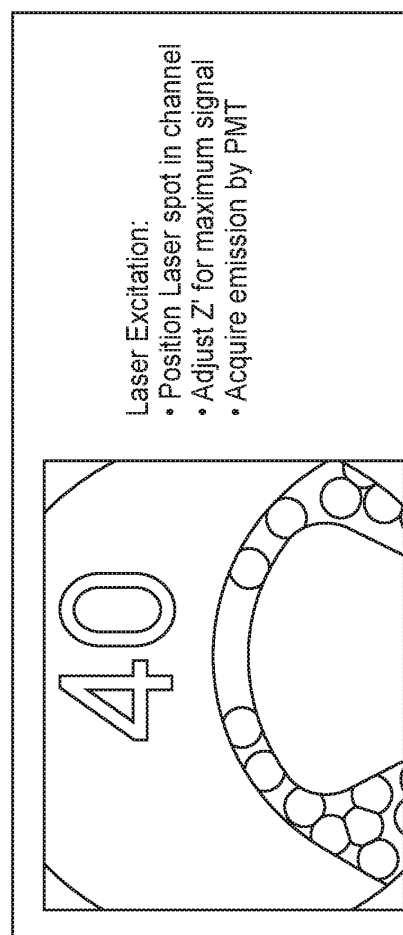


FIG. 19



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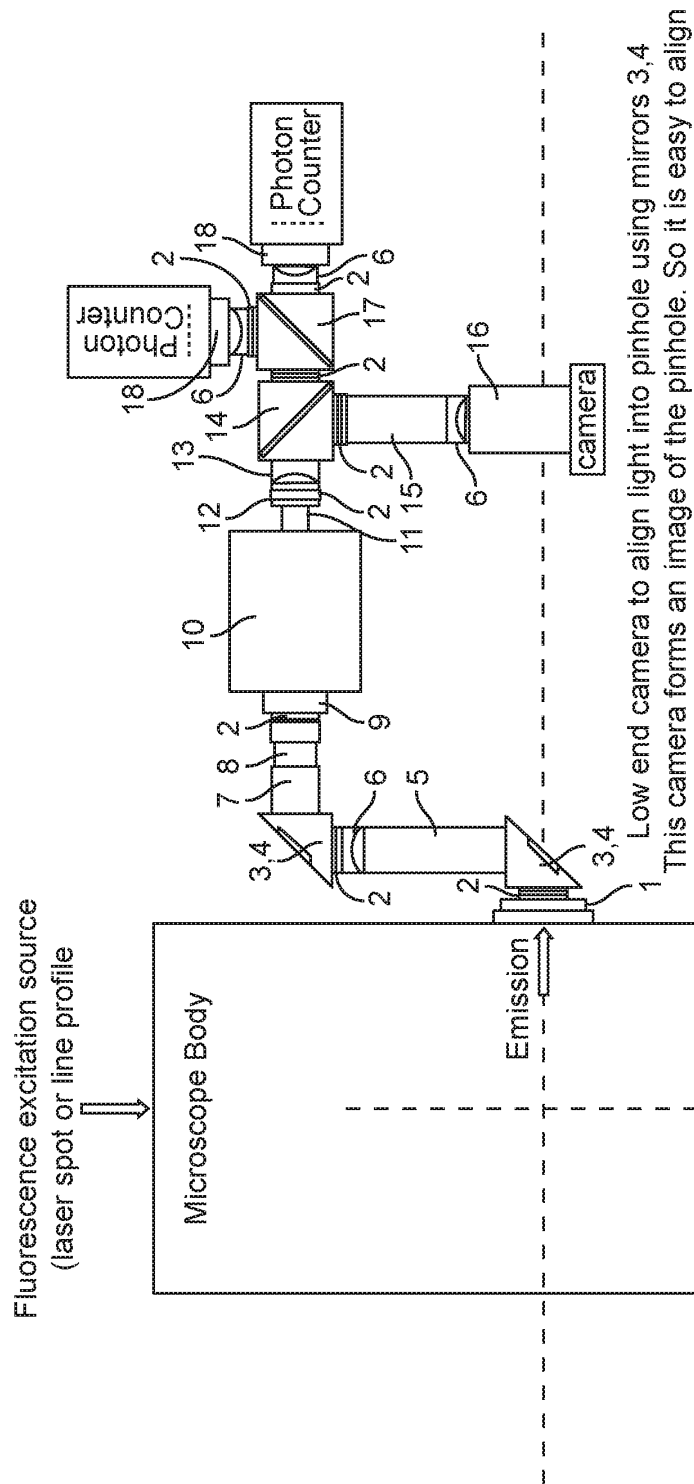


FIG. 22A

Serial No.	Description
1	Nikon Eclipse Ti Microscope Camera Port Adapter, Internal SM1 Threads, External SM2 Threads, 30 mm Cage Compatibility
2	SM1 (1.035"-40) Coupler, External Threads, 0.5" Long
3	Right-Angle Kinematic Elliptical Mirror Mount with Smooth Cage Rod Bores, 30 mm Cage System and SM1 Compatible, M4 and M6 Mounting Holes
4	1" Protected Silver Elliptical Mirror, 450 nm - 20 μ m
5	SM1 Lens Tube, 3.50" Thread Depth, One Retaining Ring Included
6	f=75 mm, Ø1" Achromatic Doublet, SM1- Threaded Mount, ARC: 400-700 nm
7	SM1 Lens Tube, 1.00" Thread Depth, One Retaining Ring Included
8	Ø1" Adjustable Lens Tube, 0.81" Travel Range
9	SM1-Threaded 30 mm Cage Plate, 0.50" Thick, 2 Retaining Rings, M4 Tap
10	16-Position Motorized Pinhole Wheel for Confocal Imaging
11	SM05 Lens Tube, 0.50" Thread Depth, One Retaining Ring Included
12	Adapter with External SM05 Threads and Internal SM1 Threads
13	f=50 mm, Ø1" Achromatic Doublet, SM1- Threaded Mount, ARC: 400-700 nm
14	Kinematic Beam Turning 30 mm Cage Cube for Right-Angle Prism Mirror, Right Turning, M6 Tapped Holes
15	SM1 Lens Tube, 2.50" Thread Depth, One Retaining Ring Included
16	SM1 Zoom Housing for Ø1" Optics, Non-Rotating, 2" (50.8 mm) Travel
17	Kinematic Fluorescence Filter Cube, 30 mm Cage Compatible, Right-Turning, M6 Tapped Holes
18	30 mm Cage System Removable Filter Holder for Ø1" Optics, Plate and Holder Included, Metric, M4 Tap

FIG. 22B

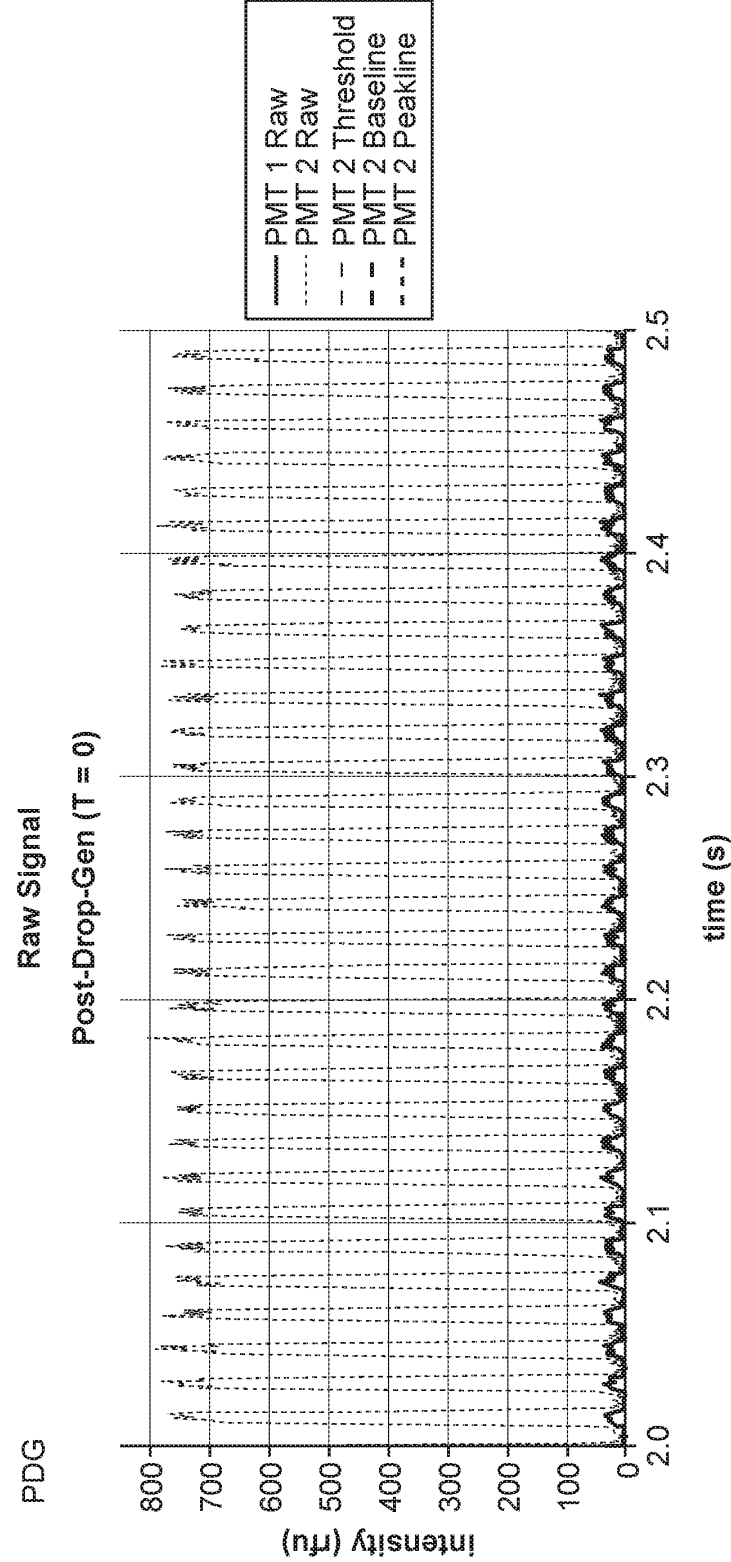


FIG. 23A

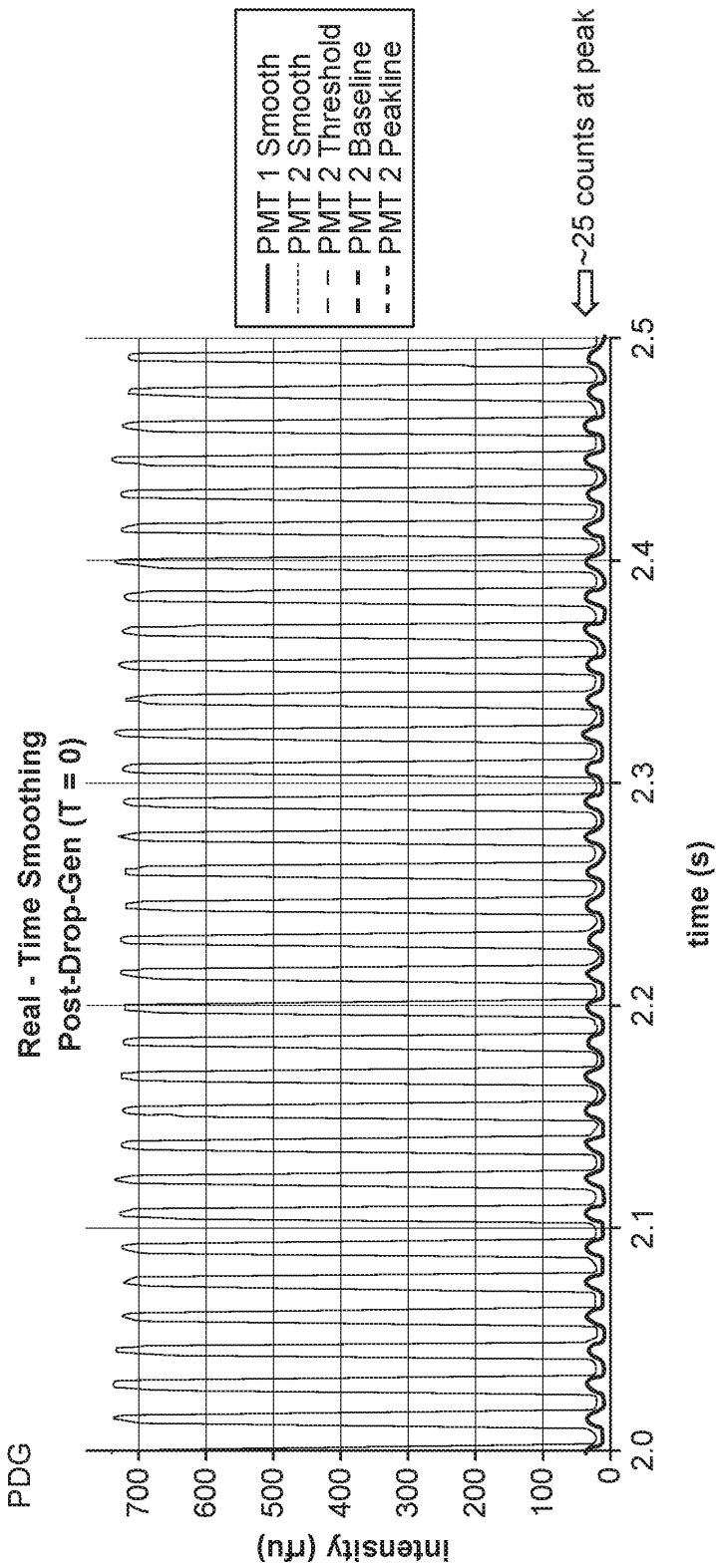


FIG. 23B

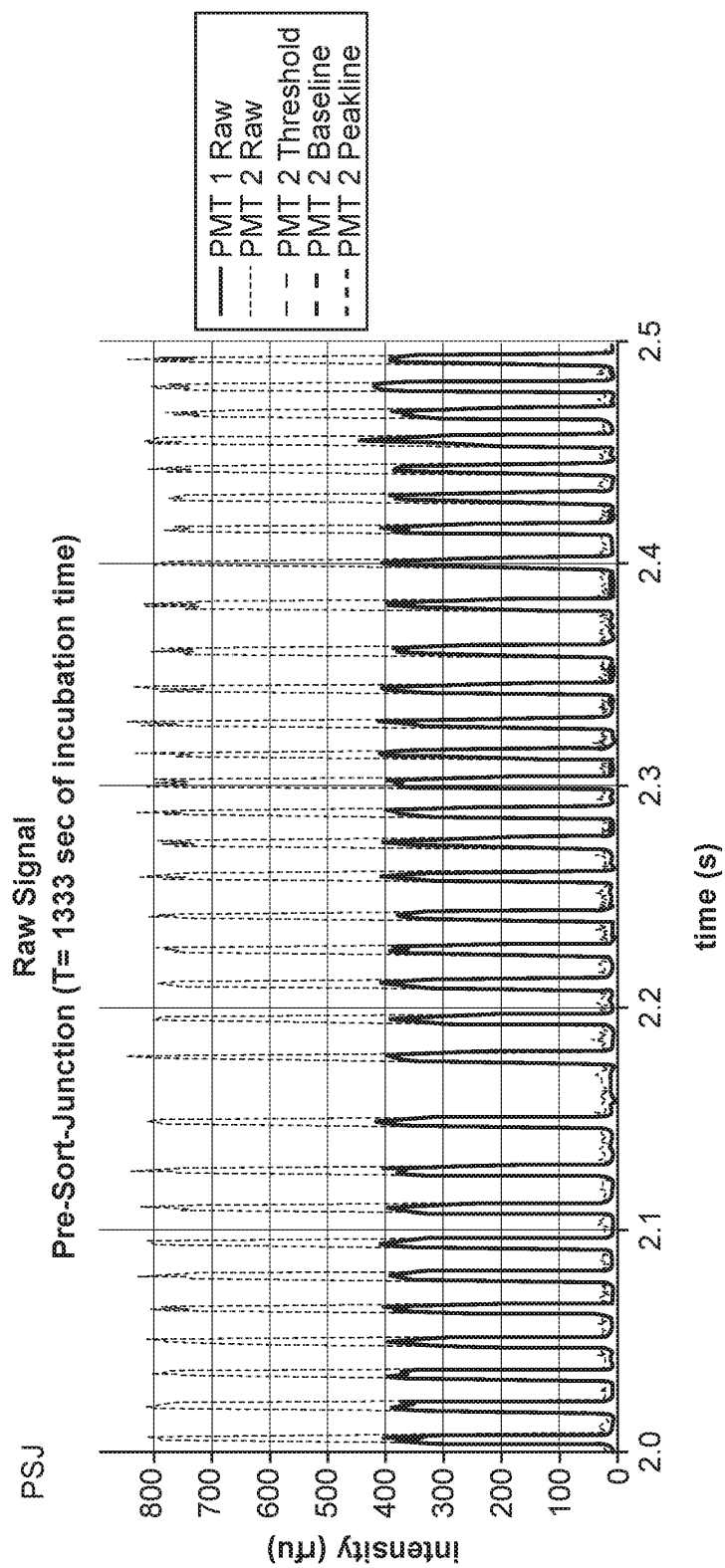


FIG. 24A

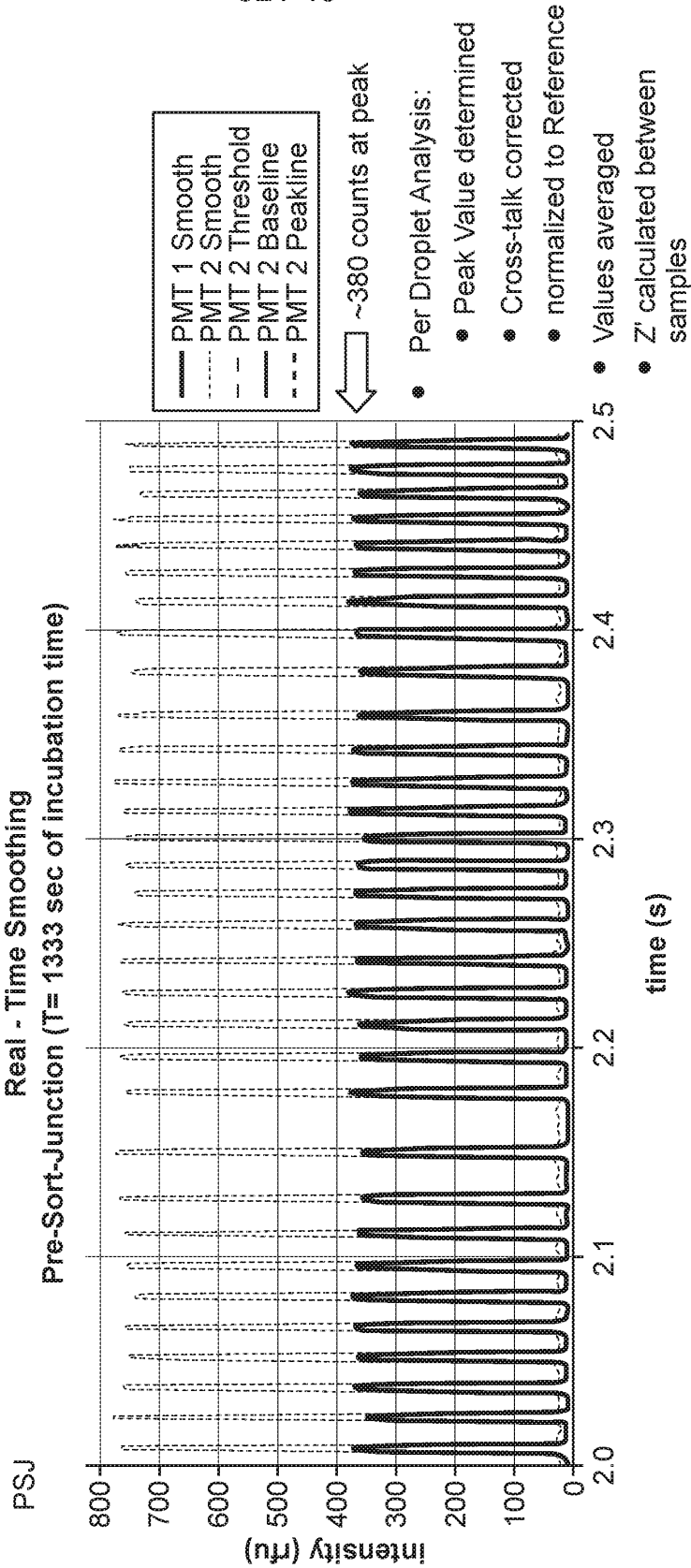


FIG. 24B

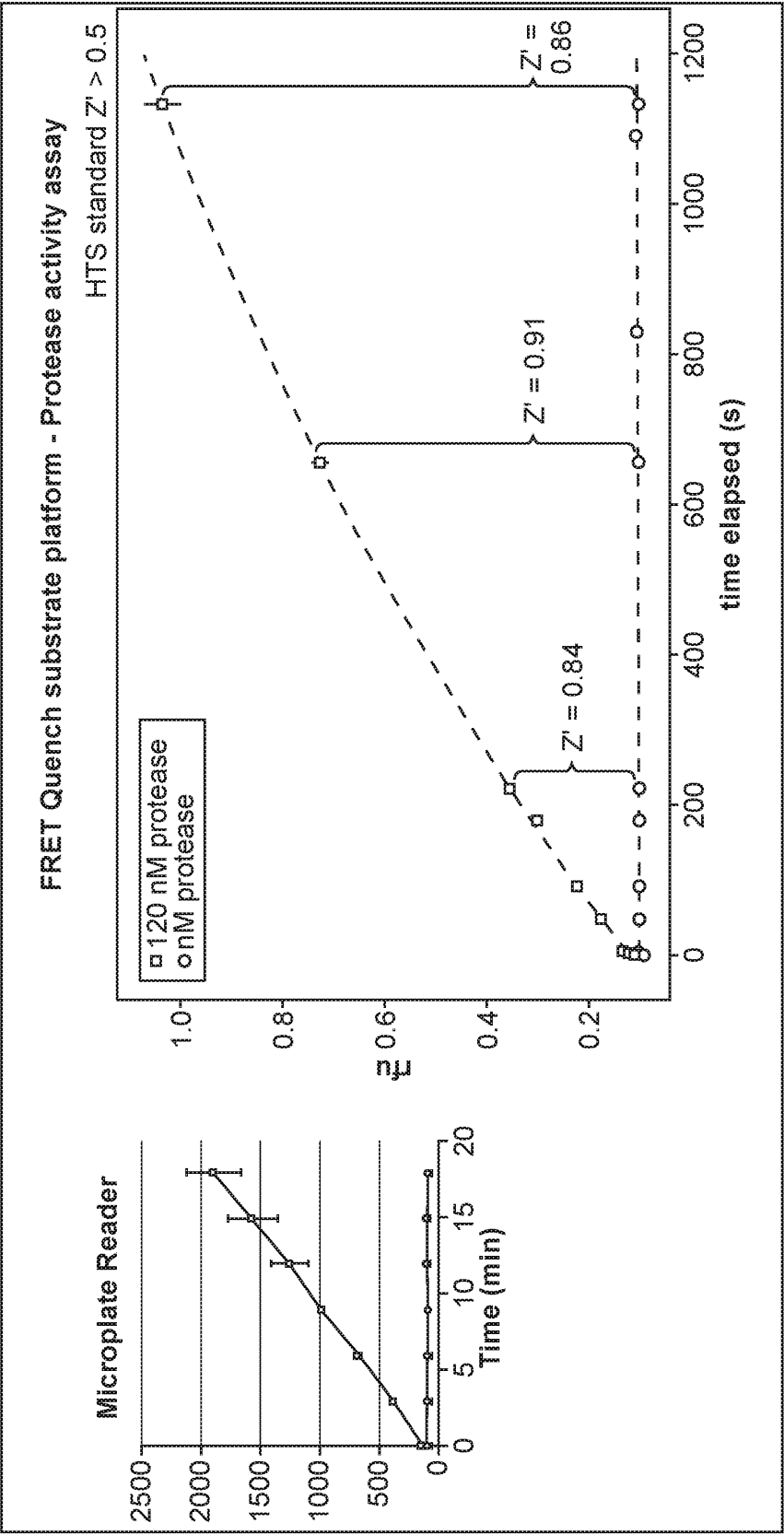


FIG. 25

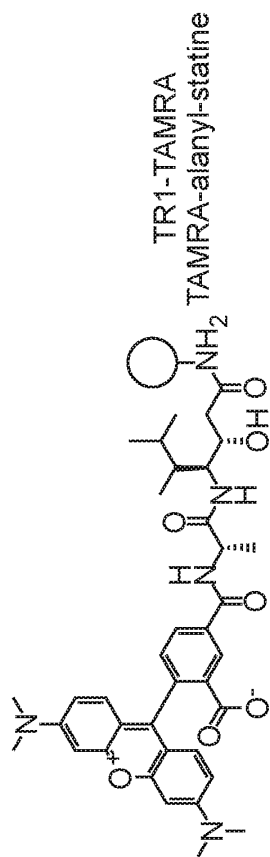


FIG. 26A

TR1 - TAMRA Release Controls

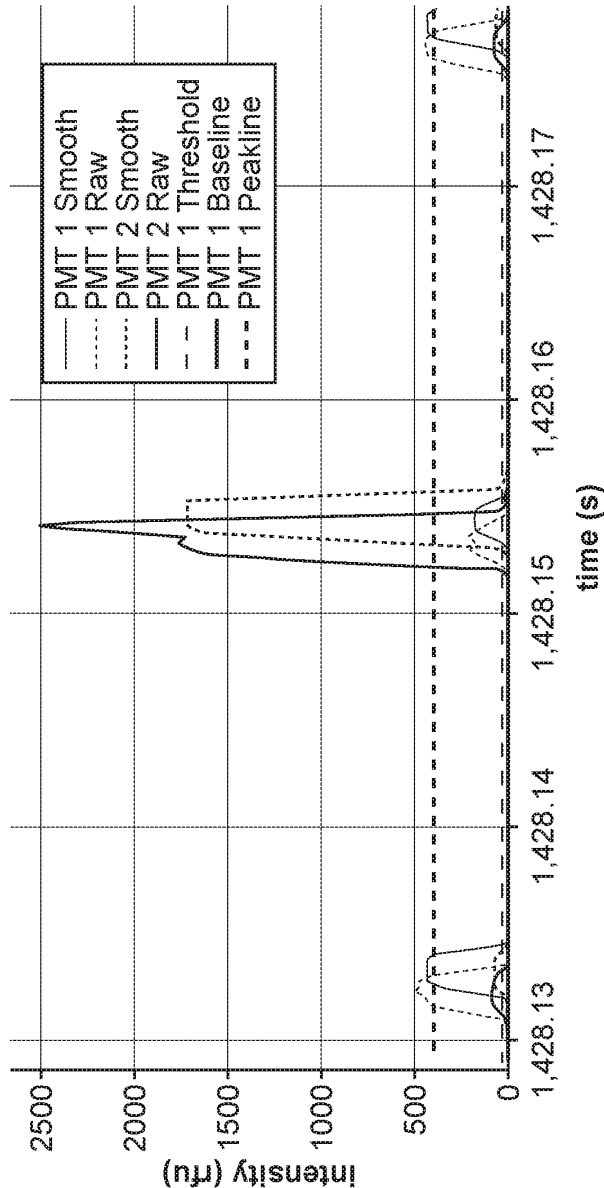
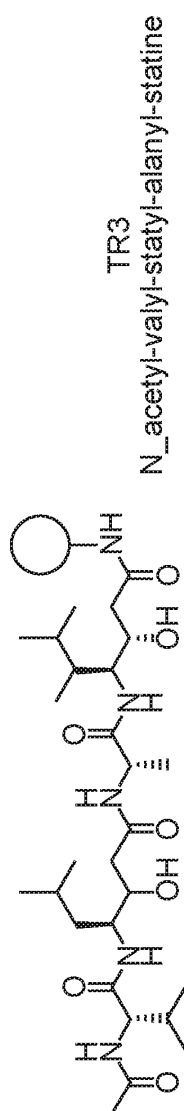


FIG. 26B



Exact Mass: 543.36

FIG. 27A

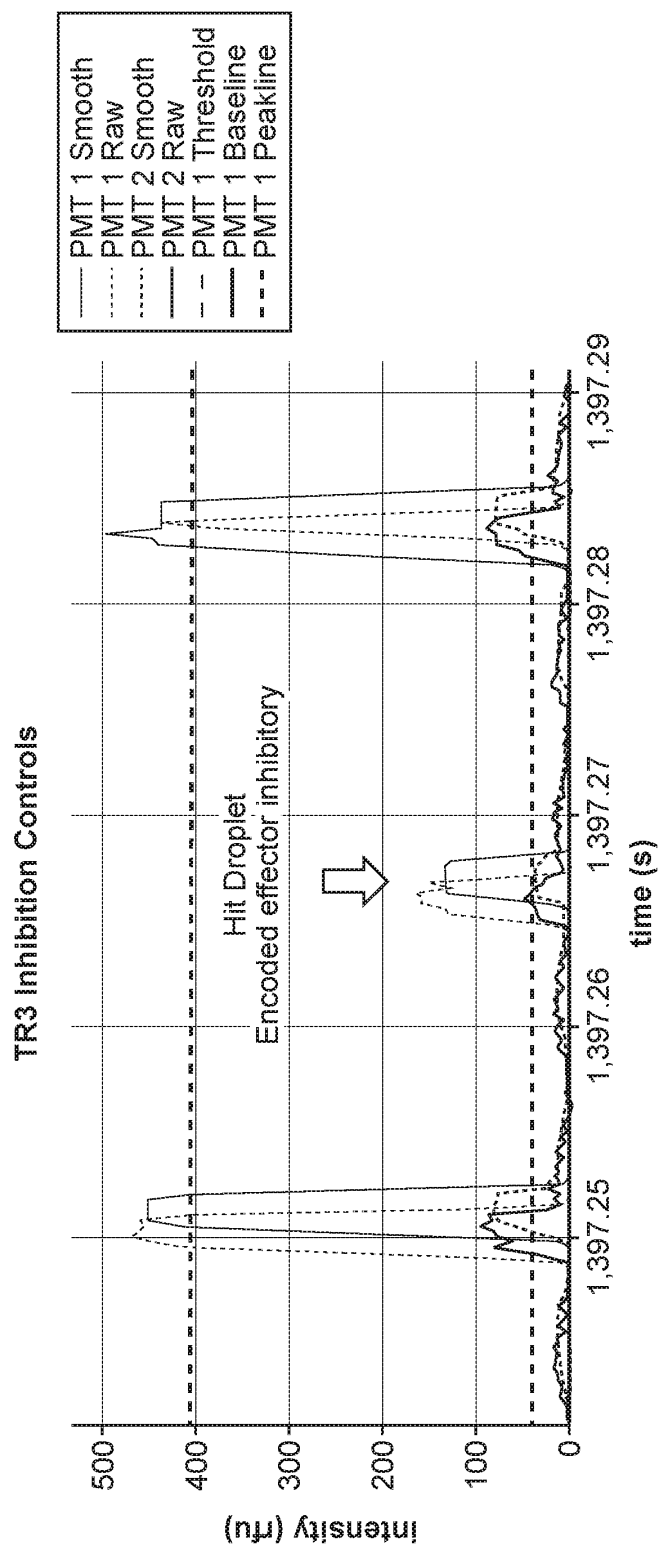


FIG. 27B

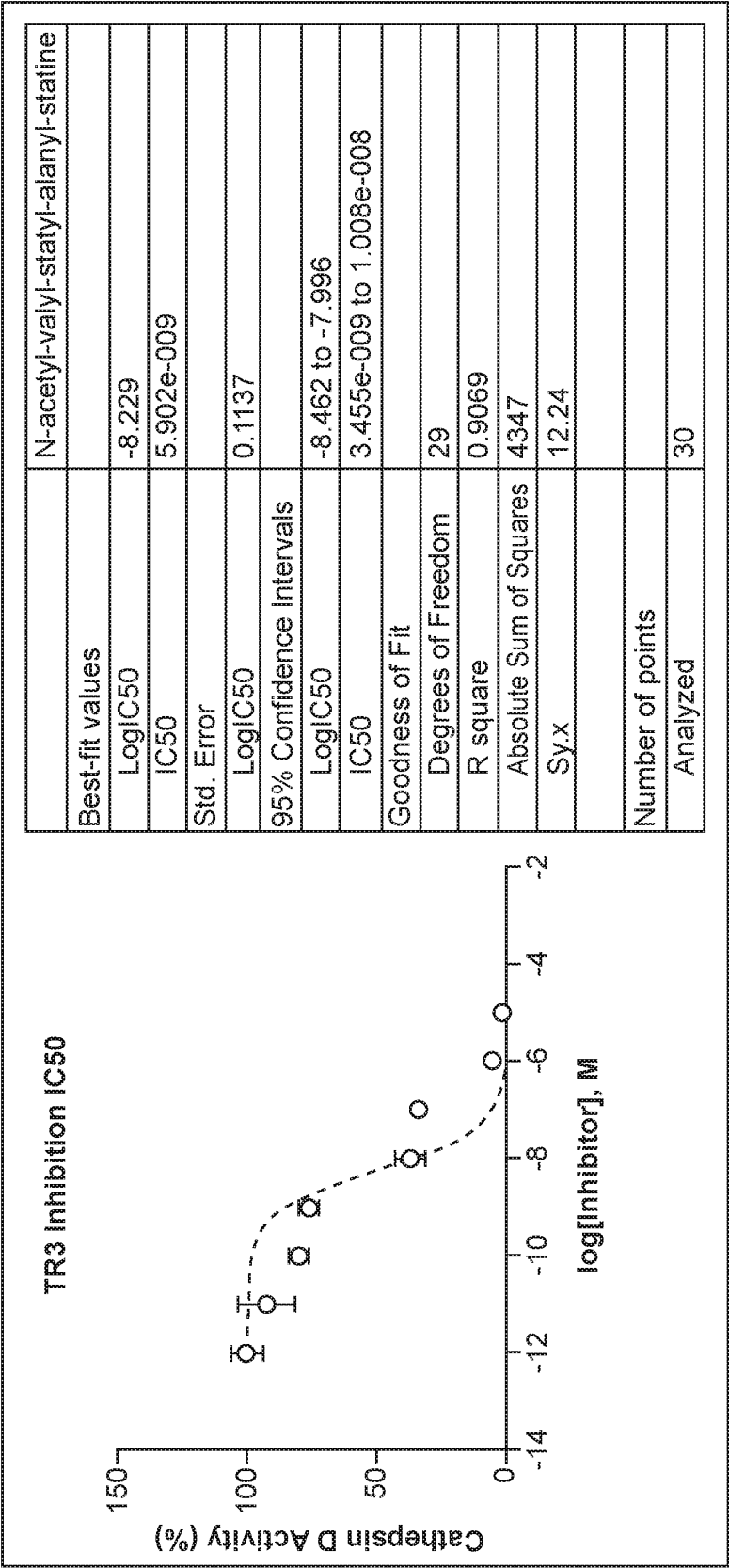


FIG. 27C

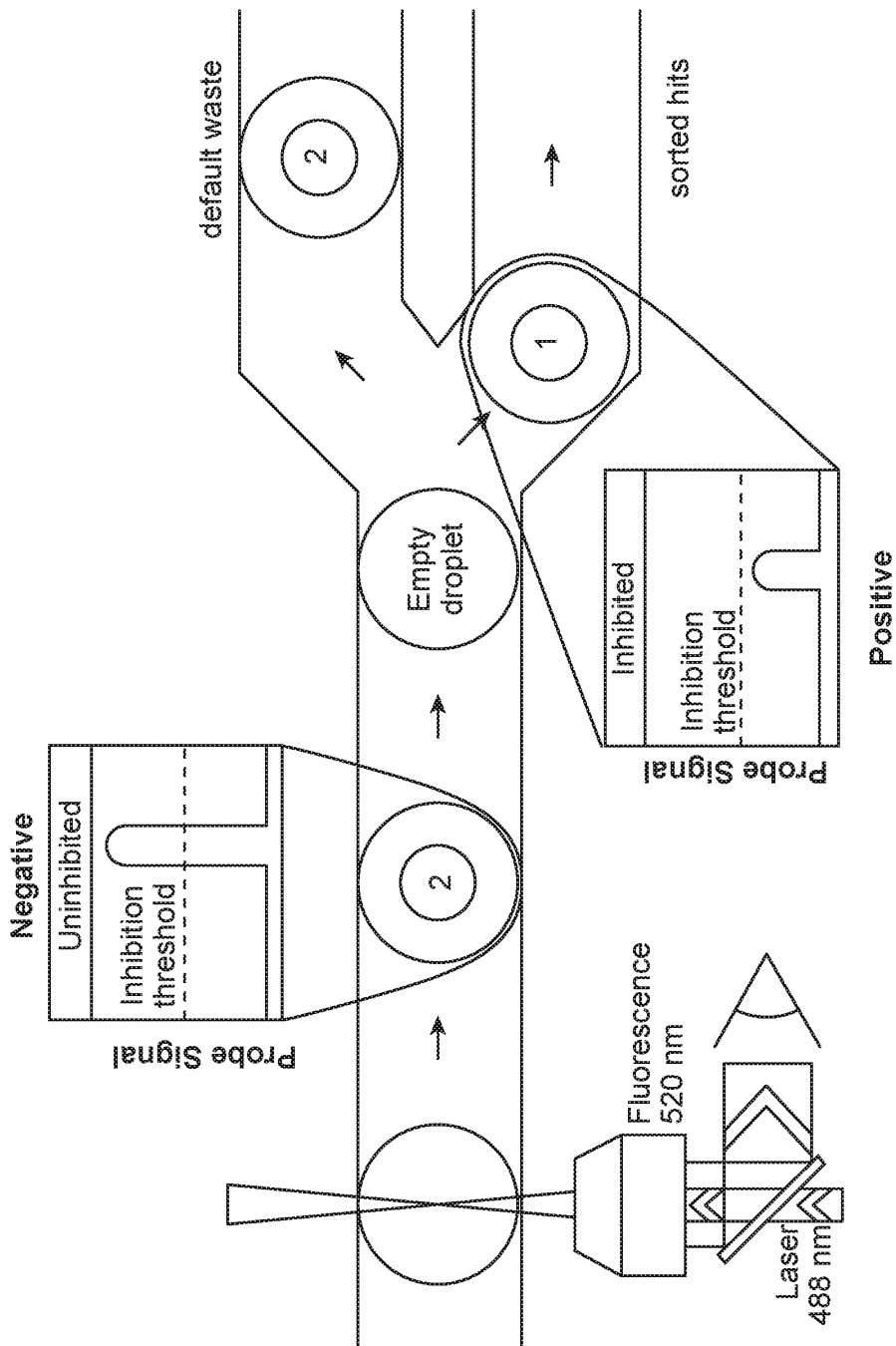


FIG. 28A

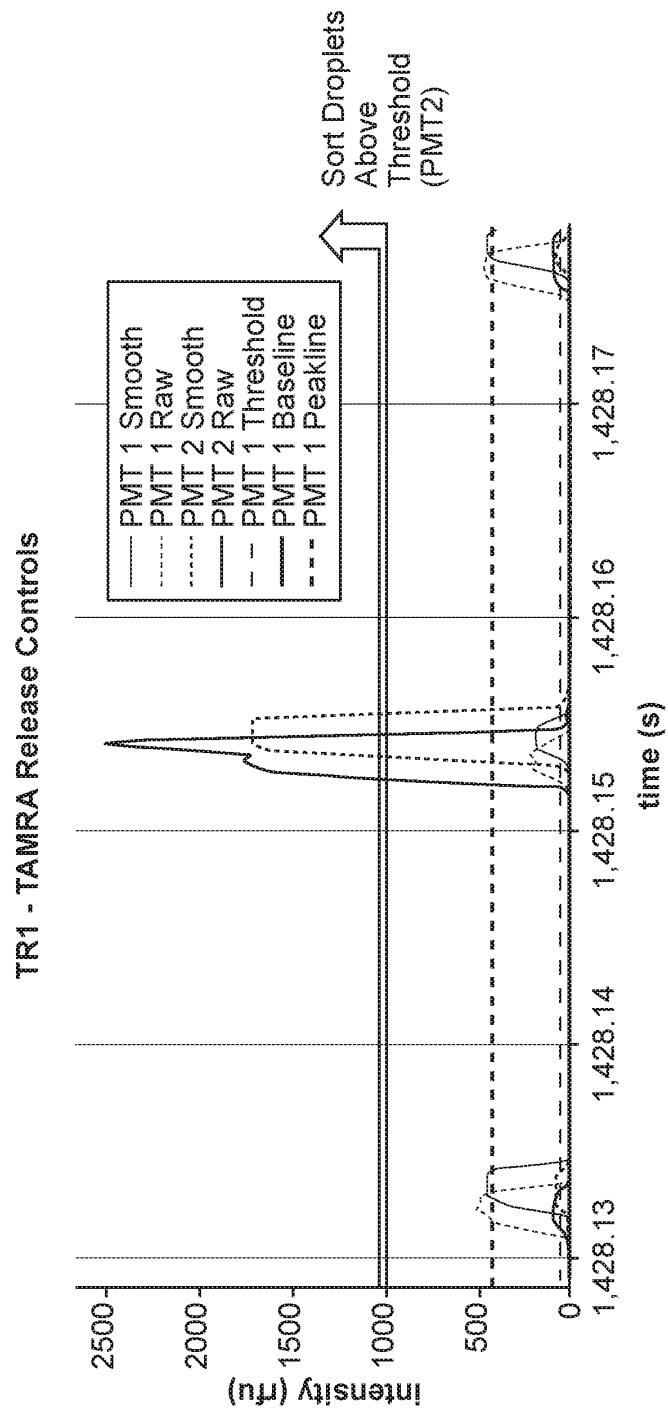


FIG. 28B

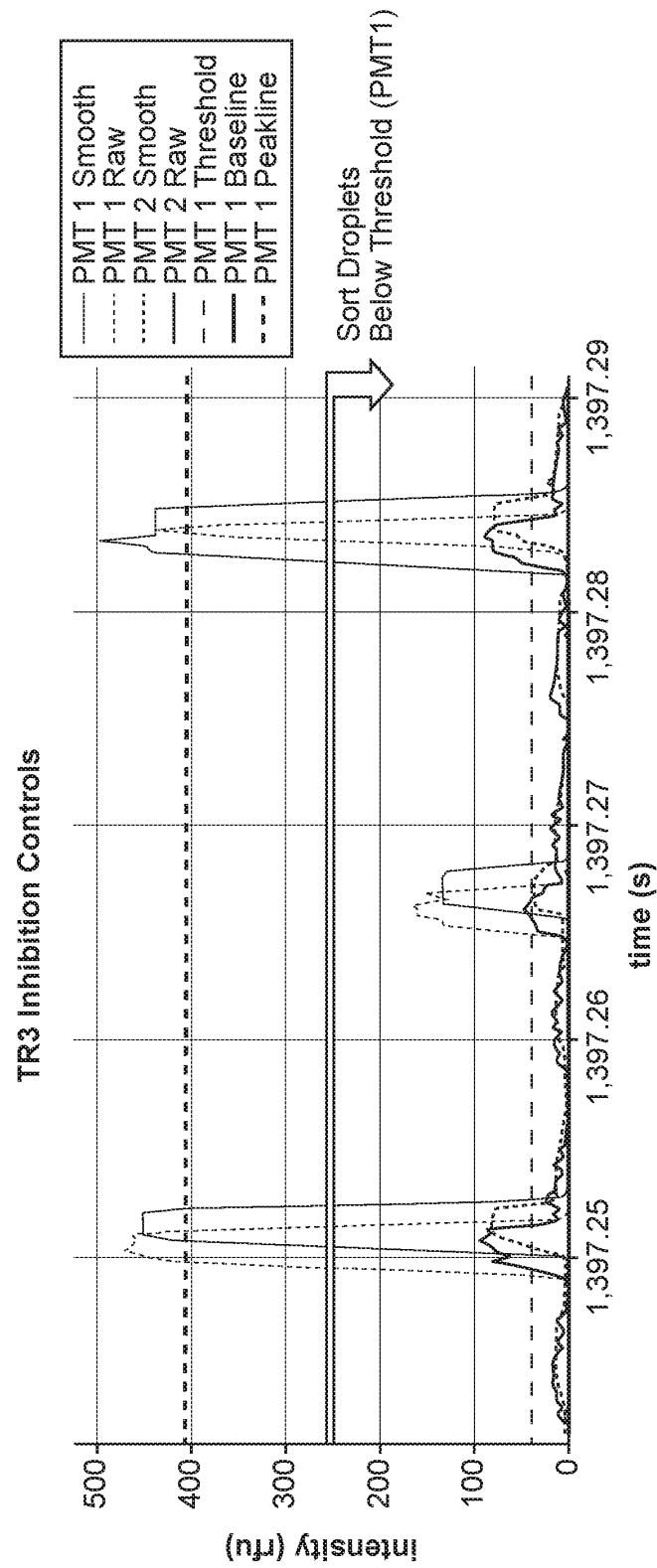
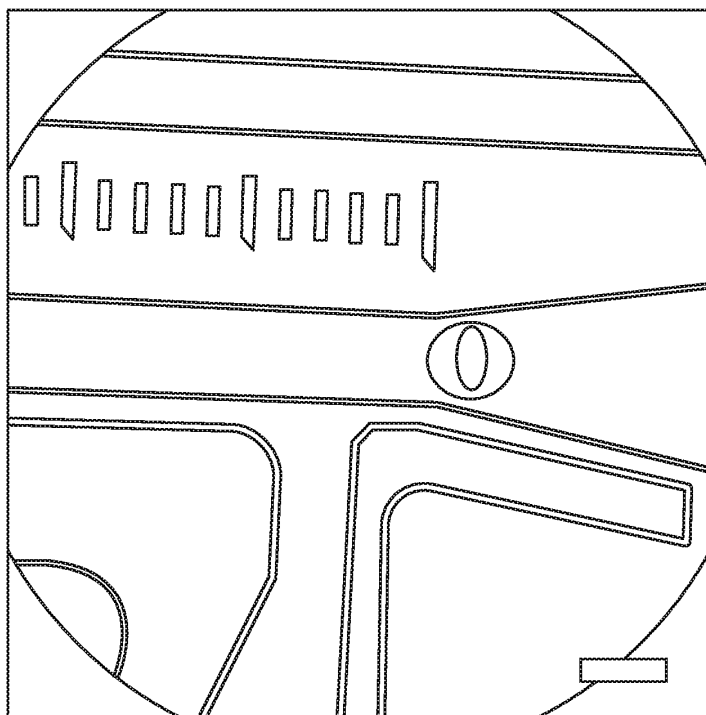


FIG. 28C

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50x slow (capture 1000 fps, playback 20 fps)
Scalebar = 100 μ m

FIG. 28D