

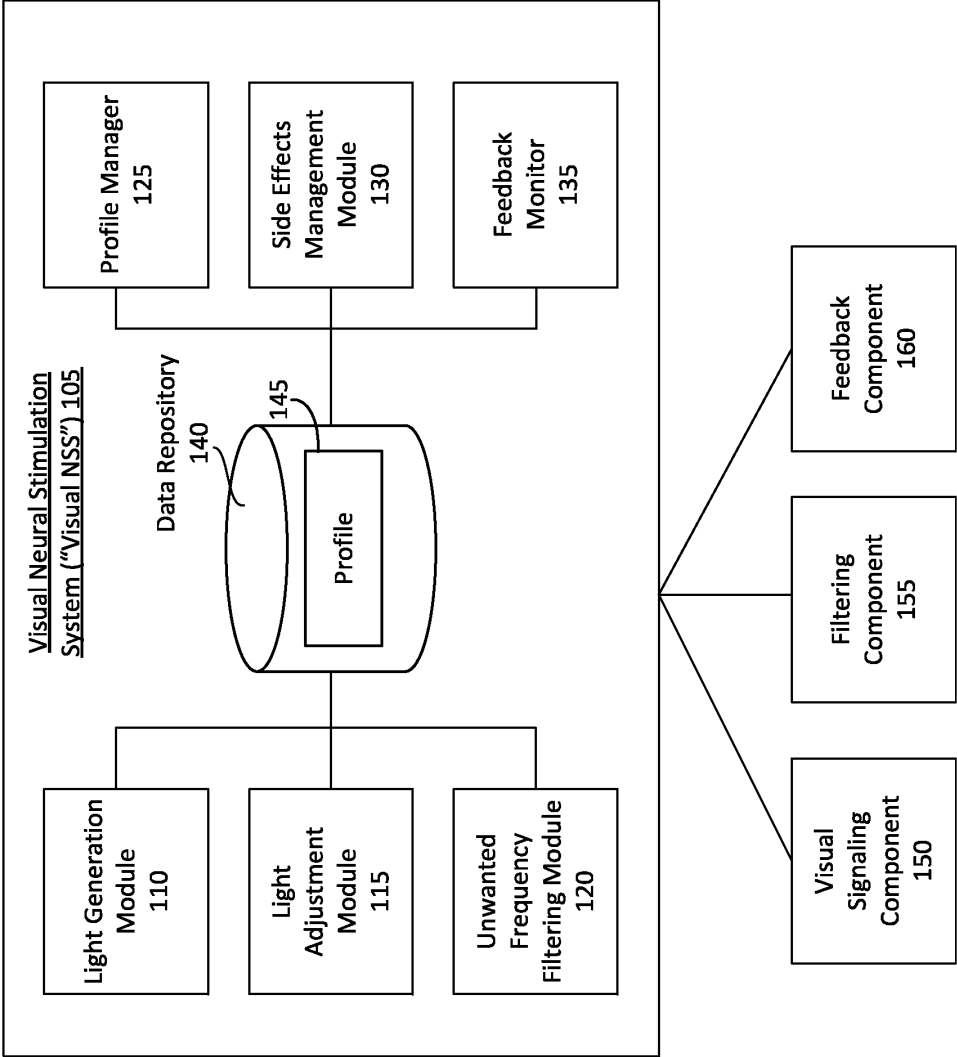


FIG. 1

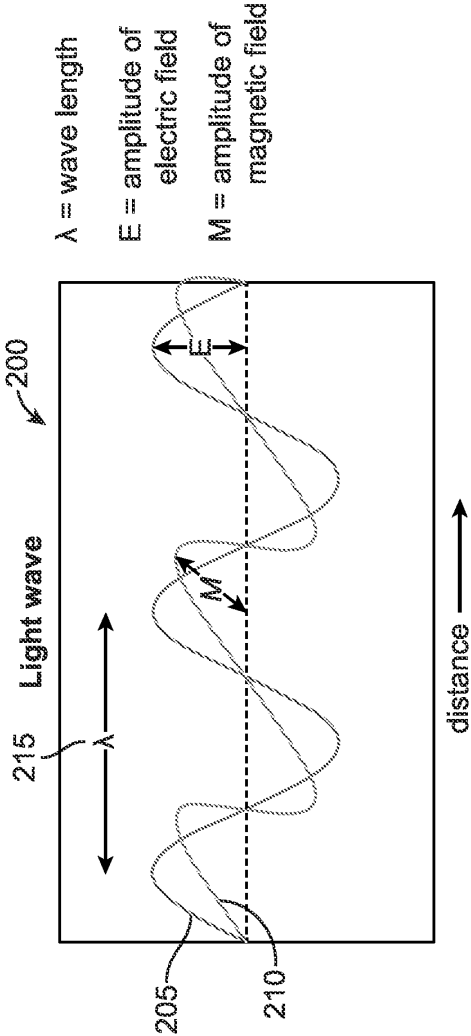


FIG. 2A

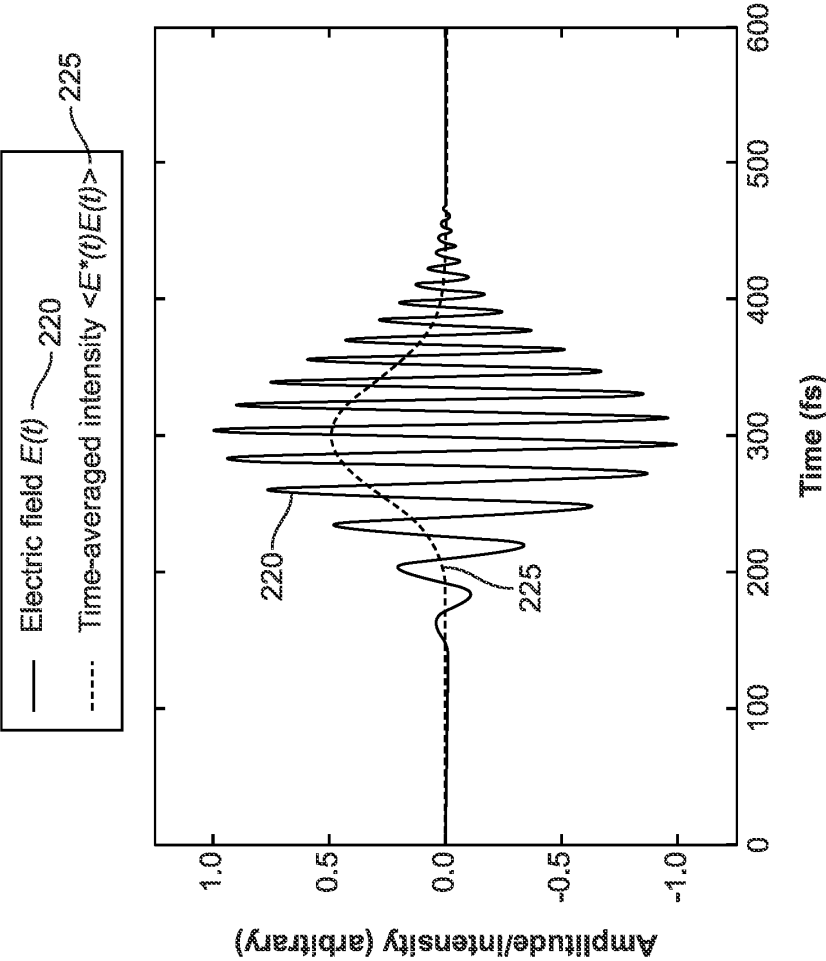


FIG. 2B

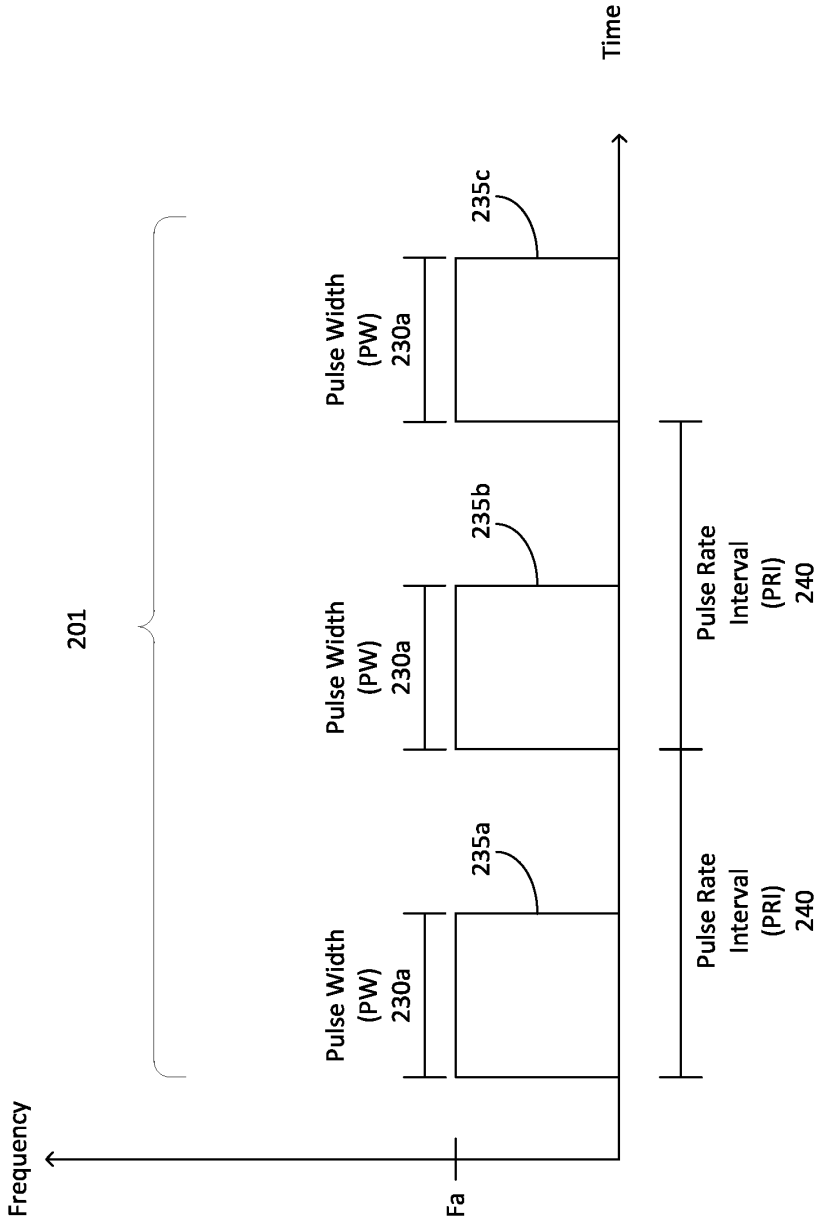


FIG. 2C

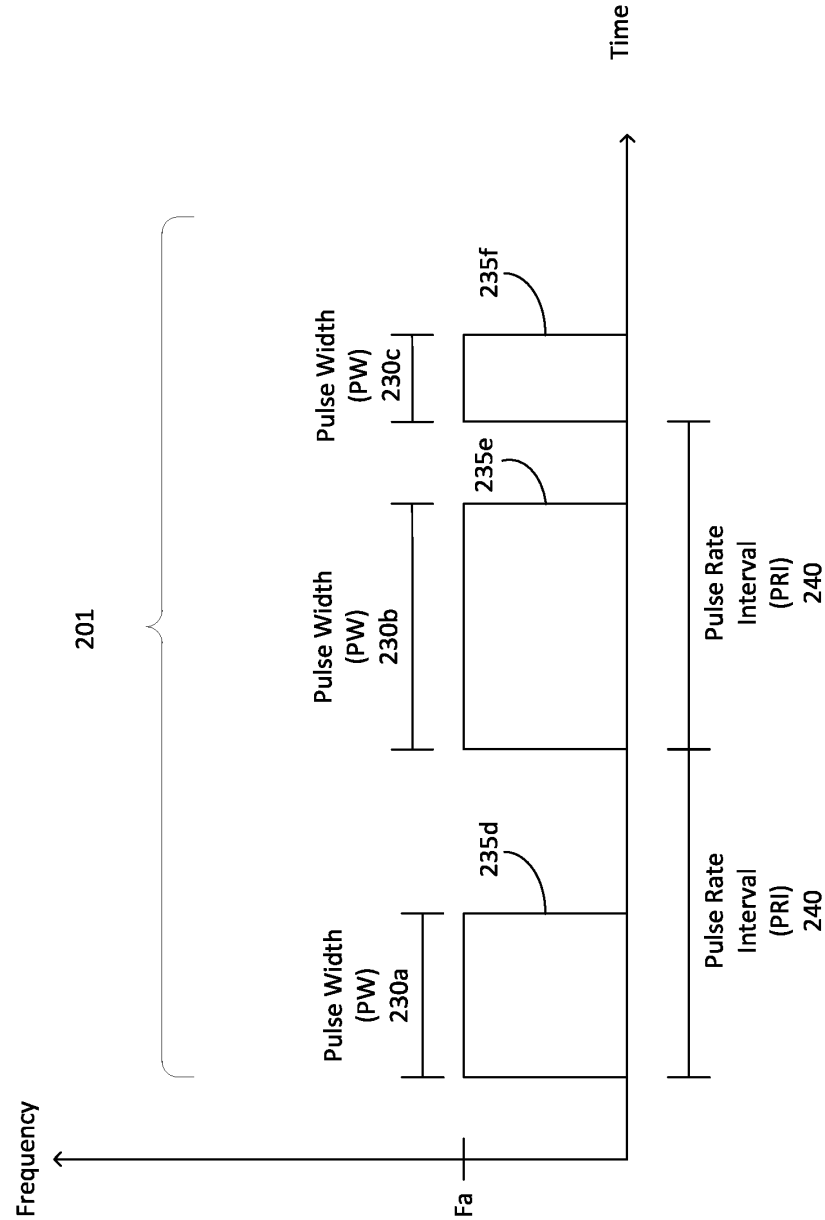


FIG. 2D

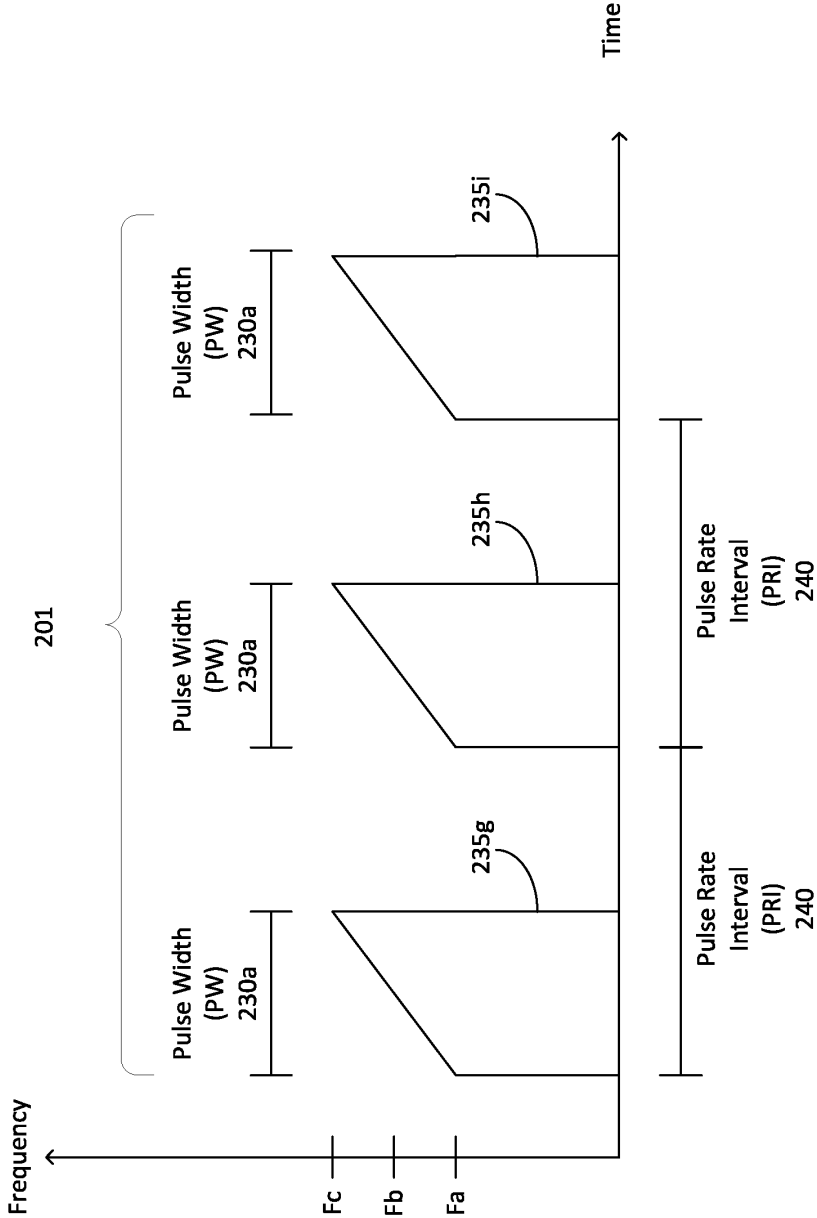


FIG. 2E

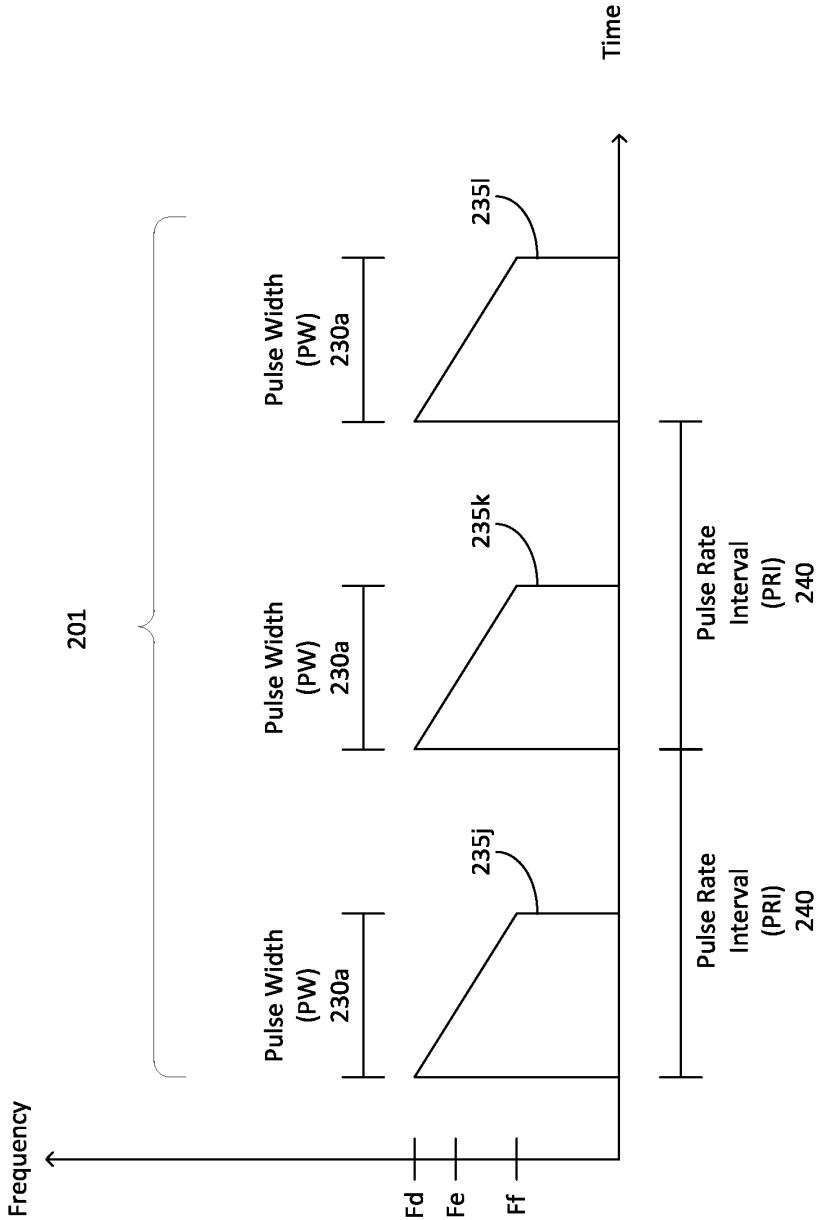


FIG. 2F

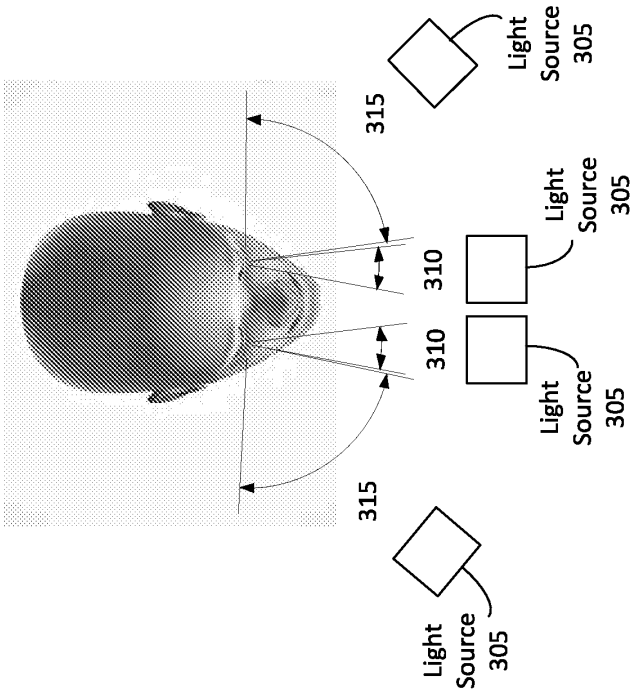


FIG. 3A

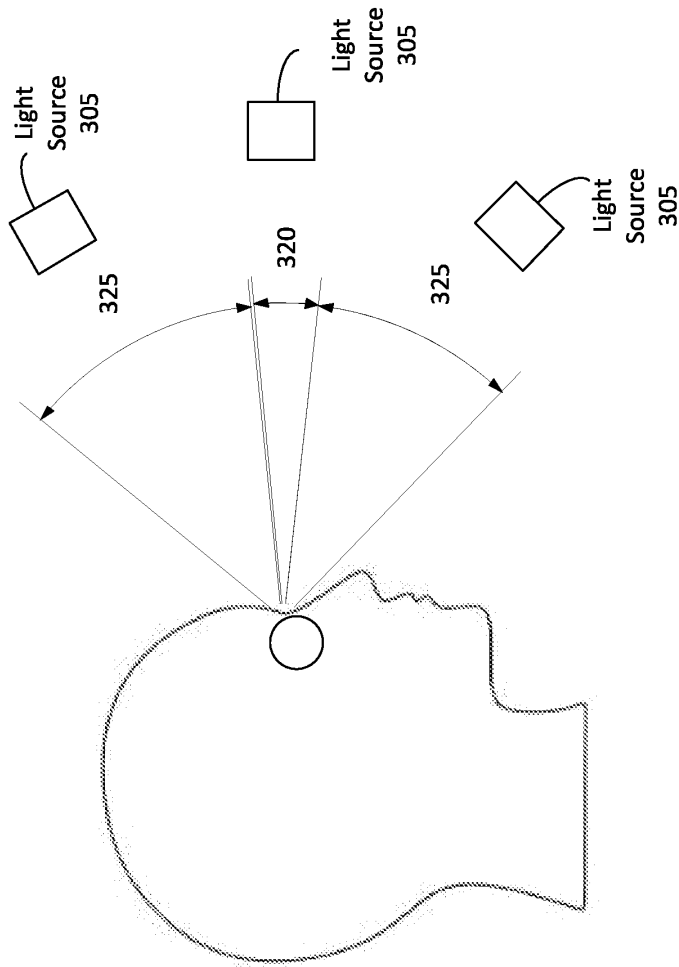


FIG. 3B

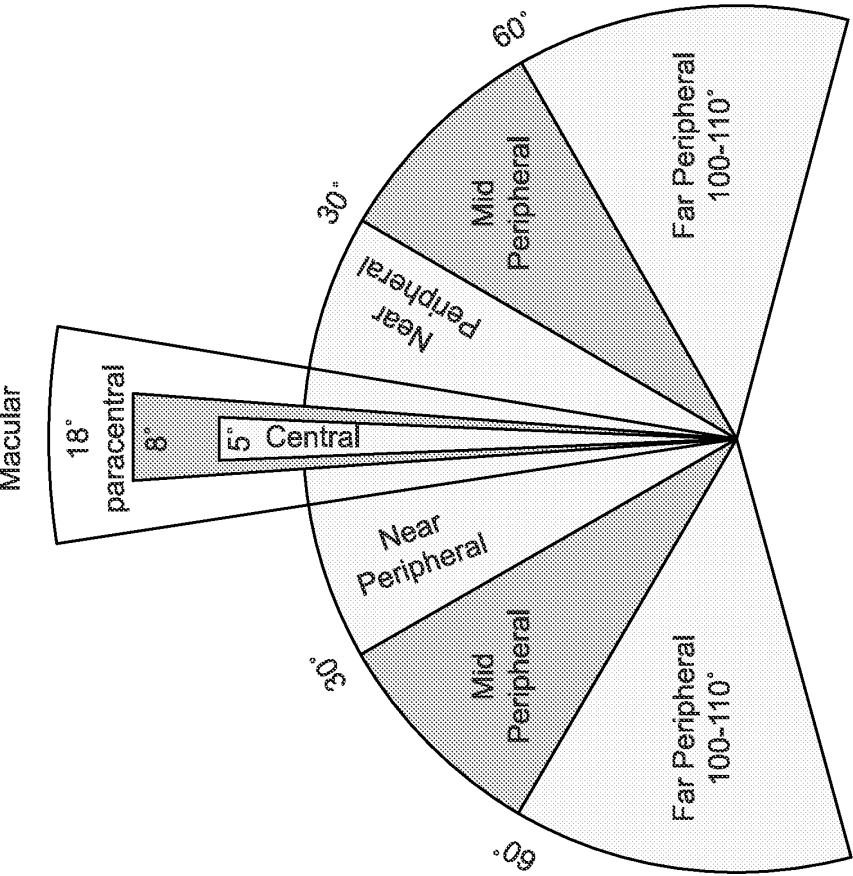


FIG. 3C

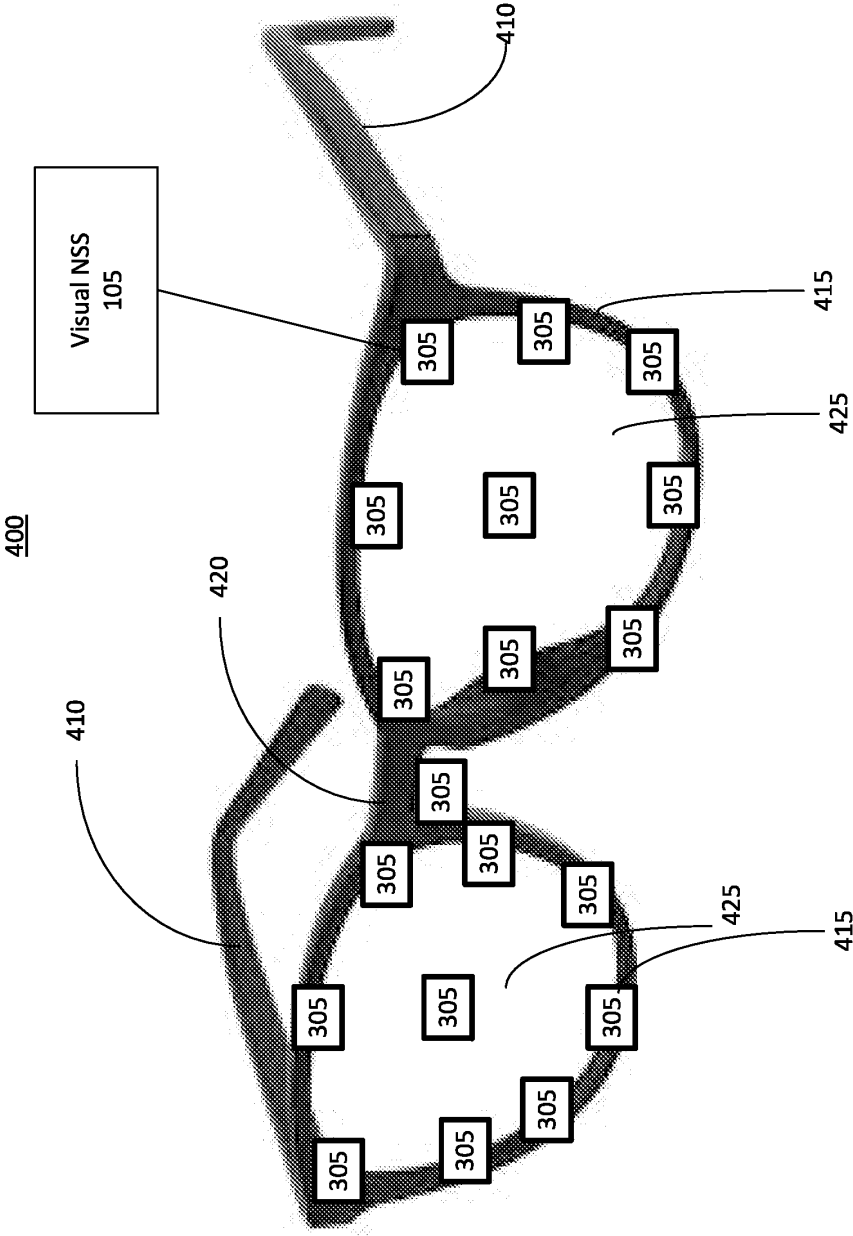


FIG. 4A

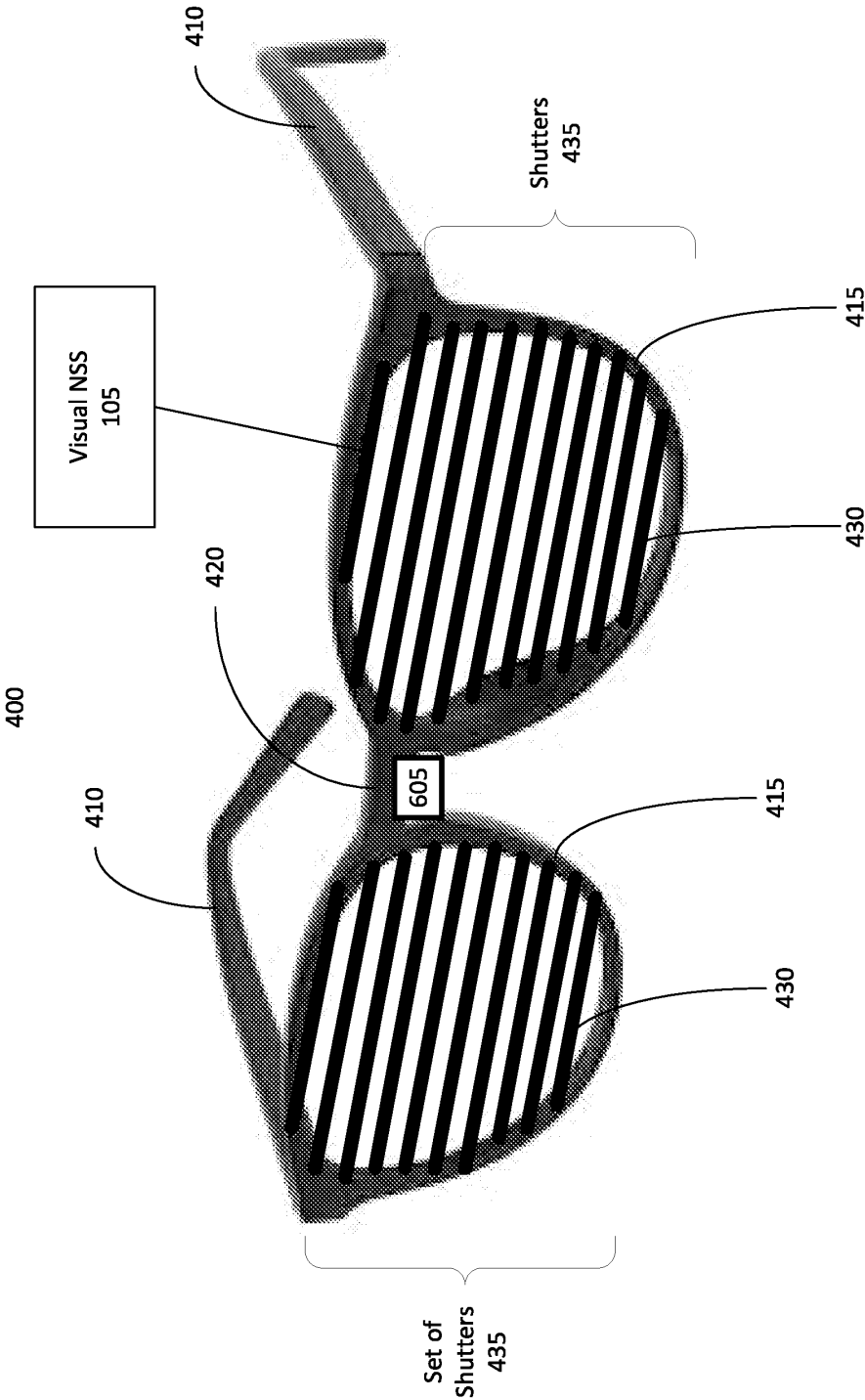


FIG. 4B

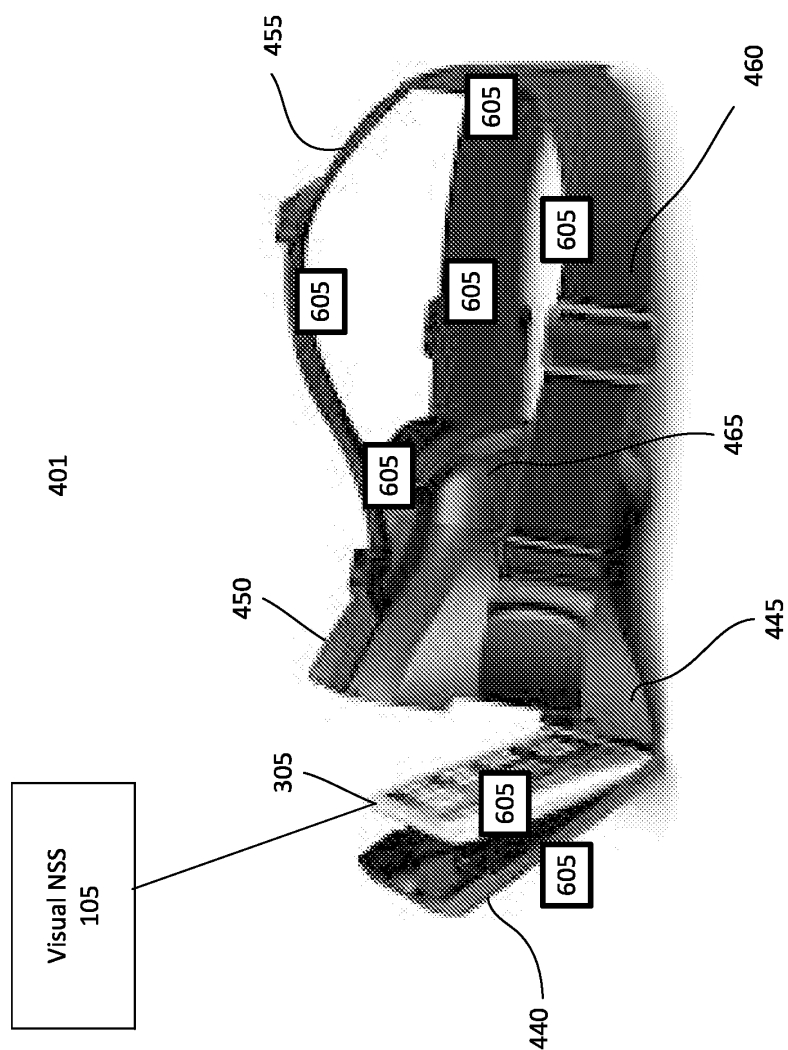


FIG. 4C

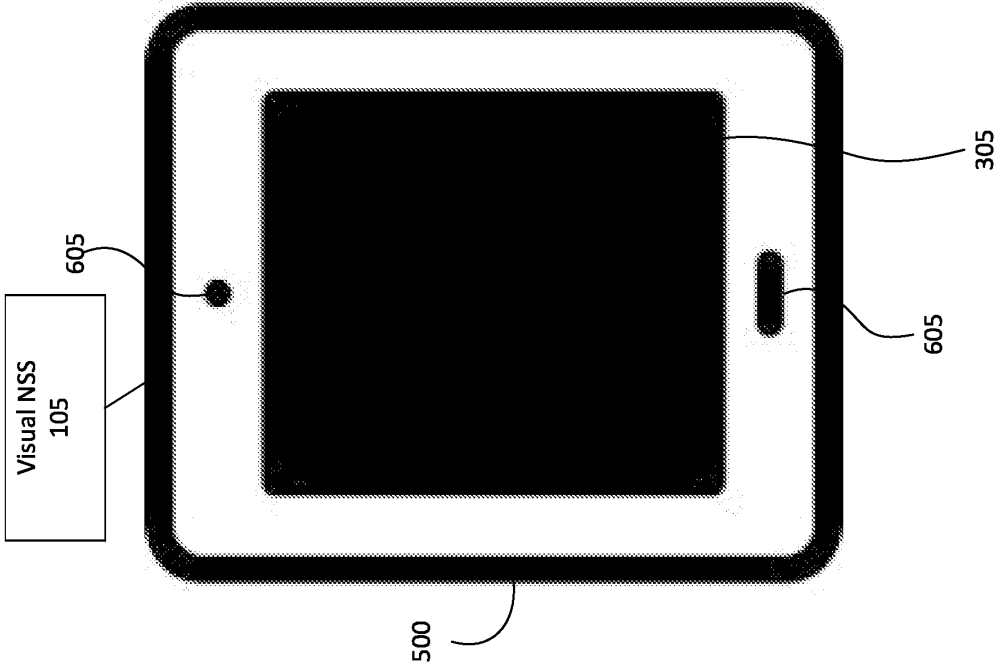


FIG. 5A

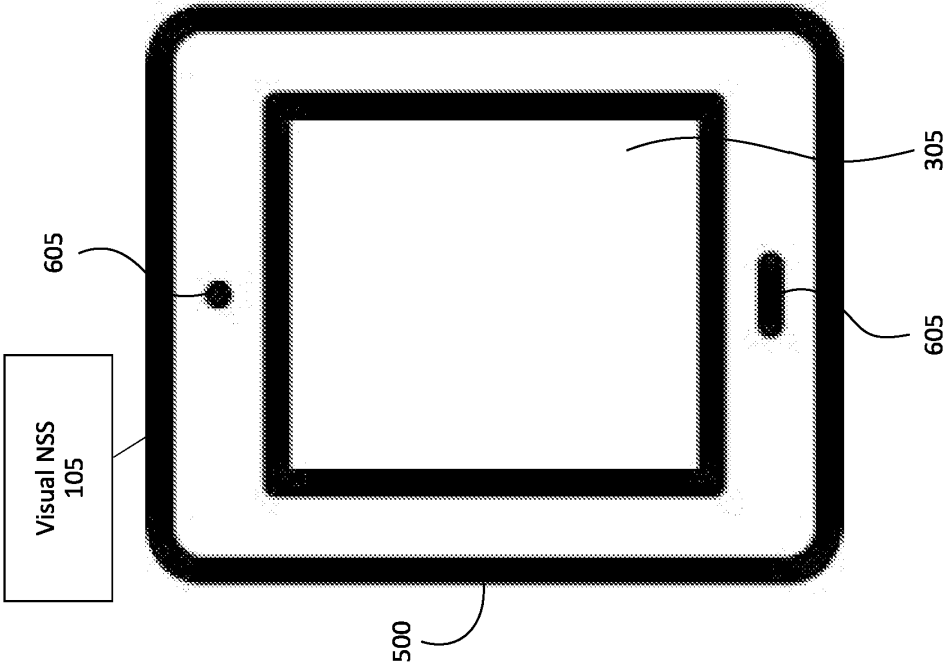


FIG. 5B

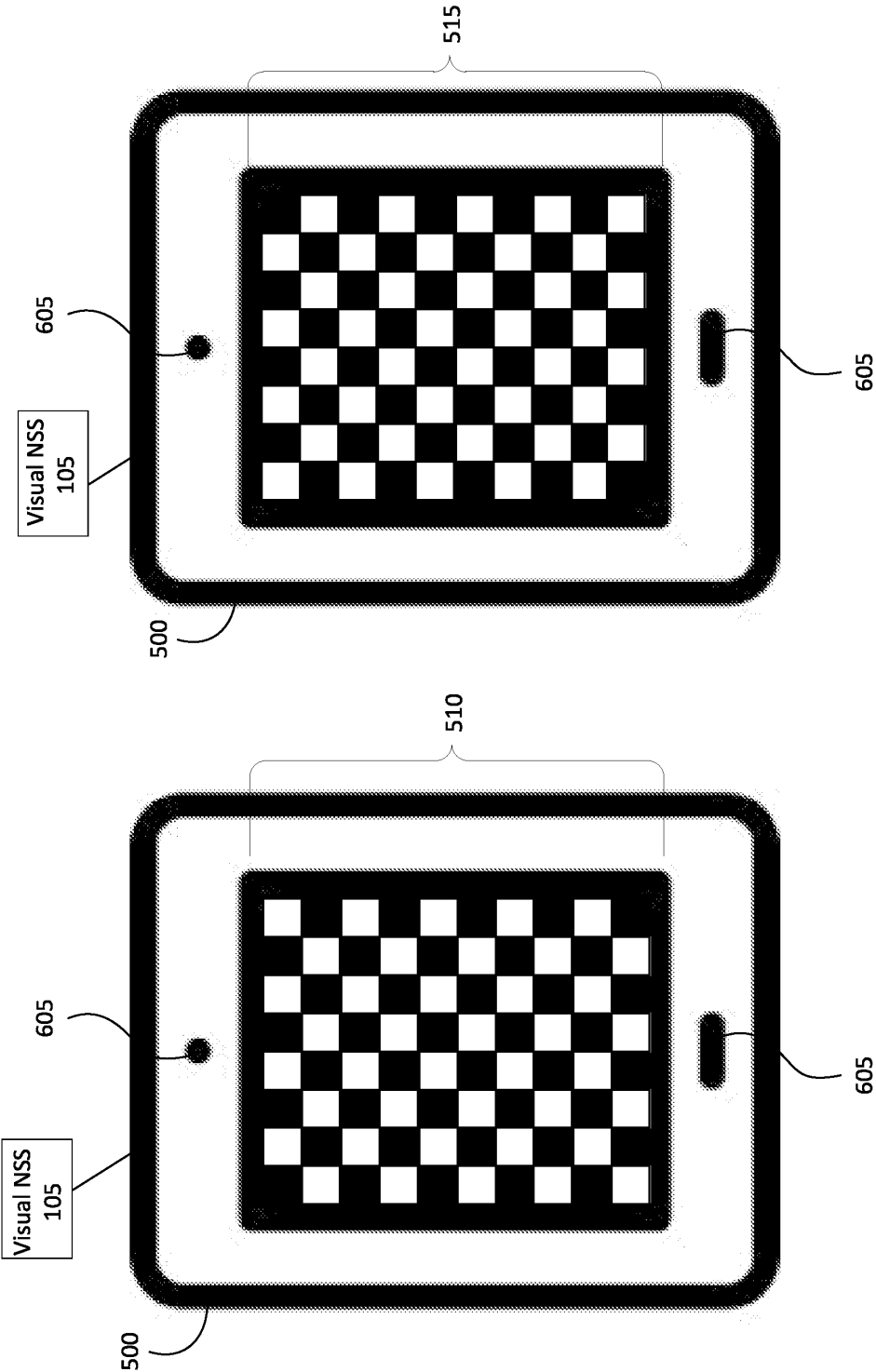


FIG. 5D

FIG. 5C

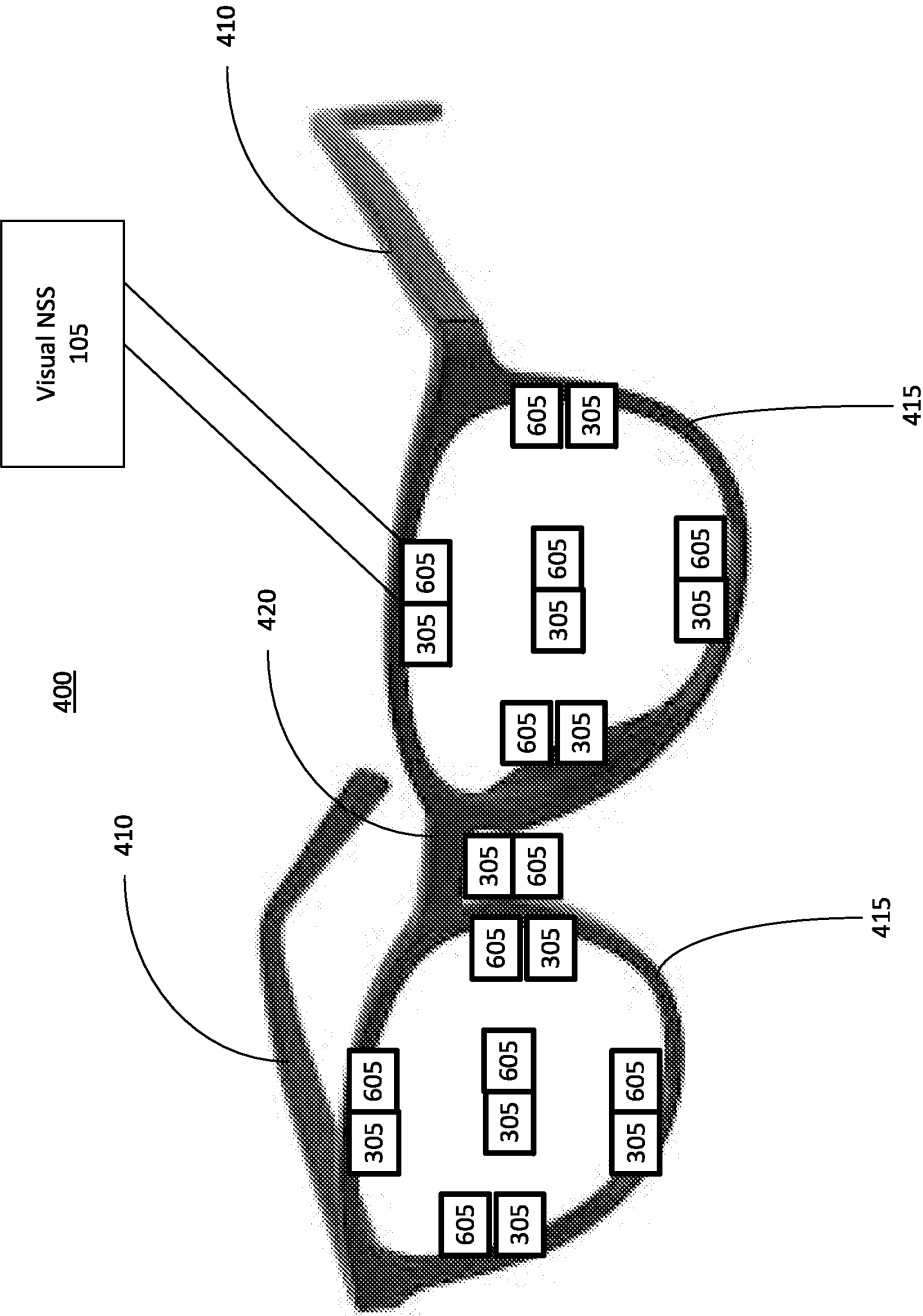


FIG. 6A

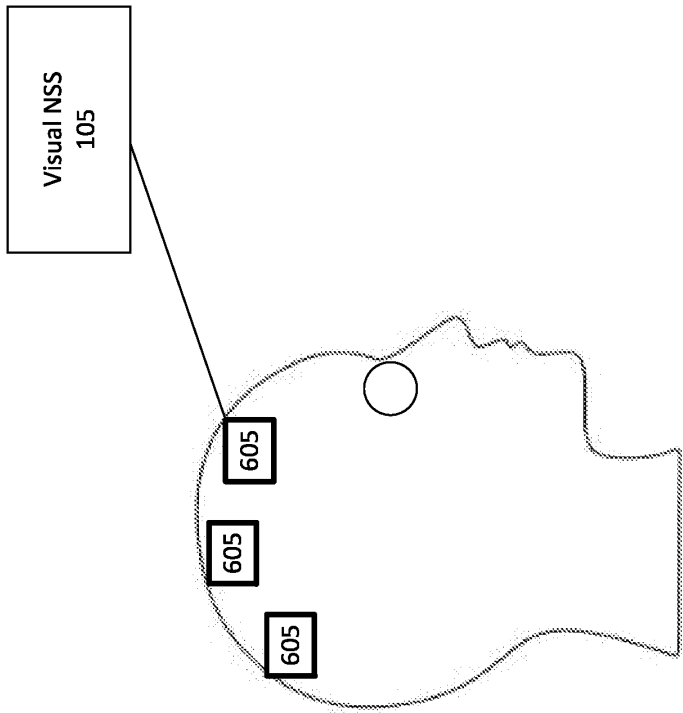


FIG. 6B

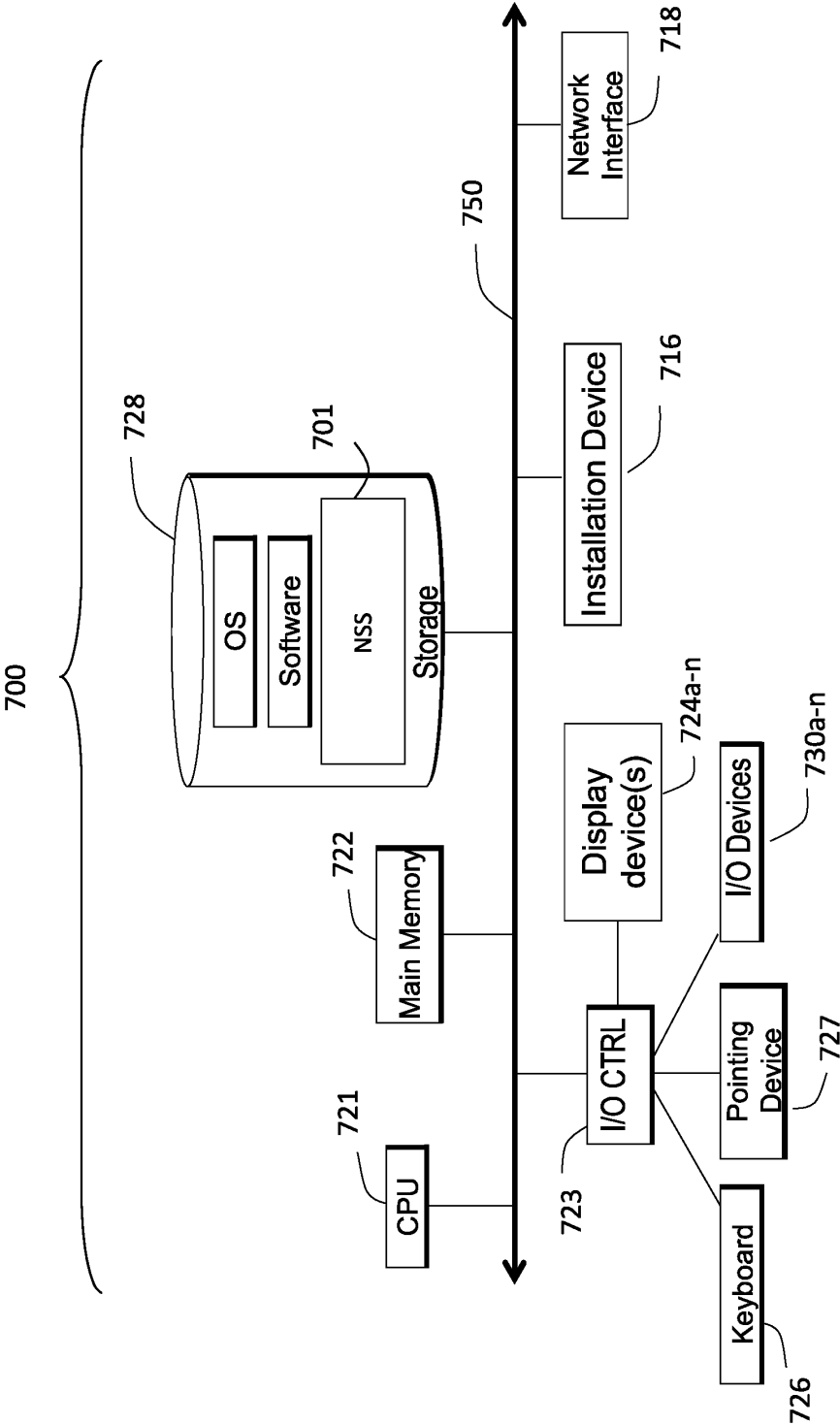


FIG. 7A

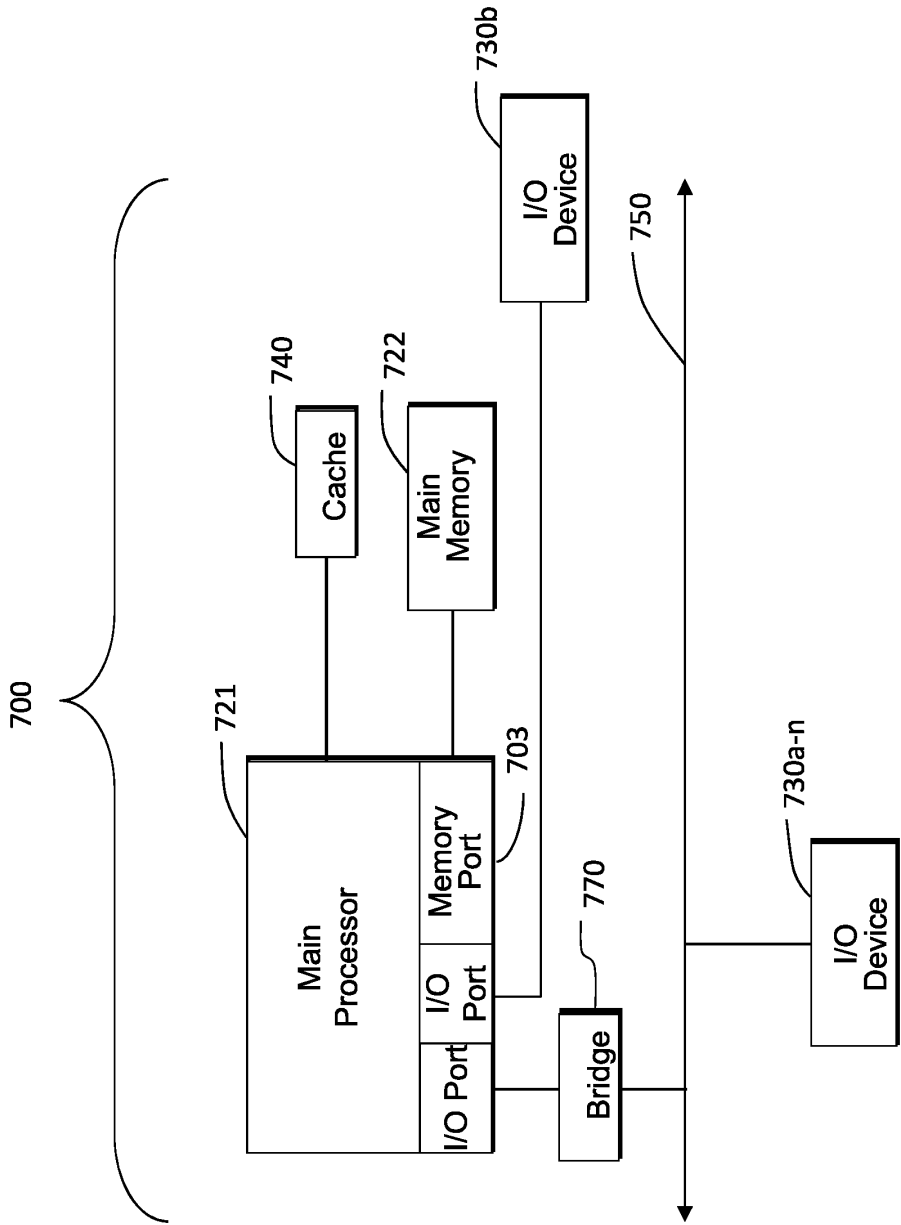


FIG. 7B

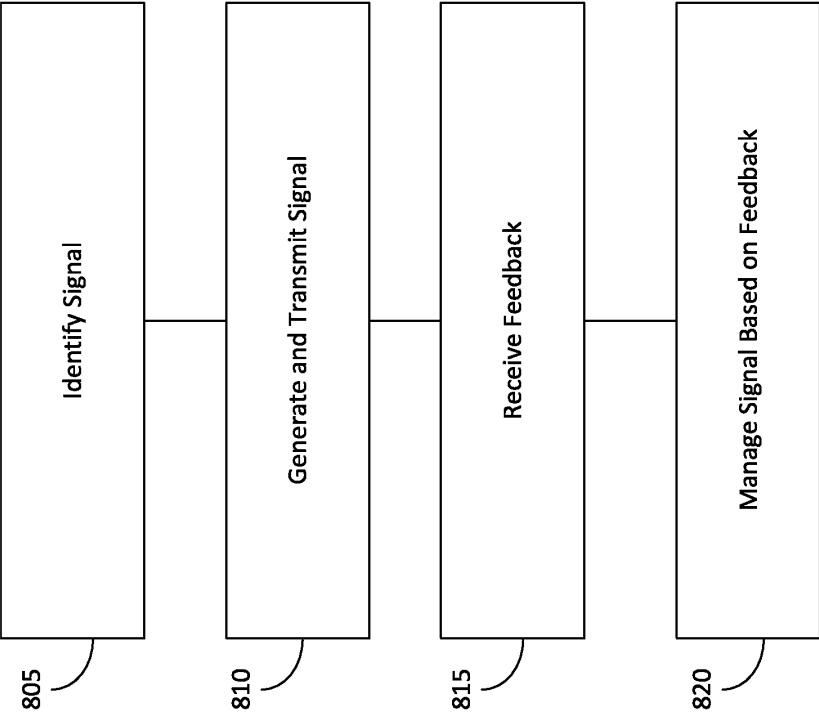


FIG. 8

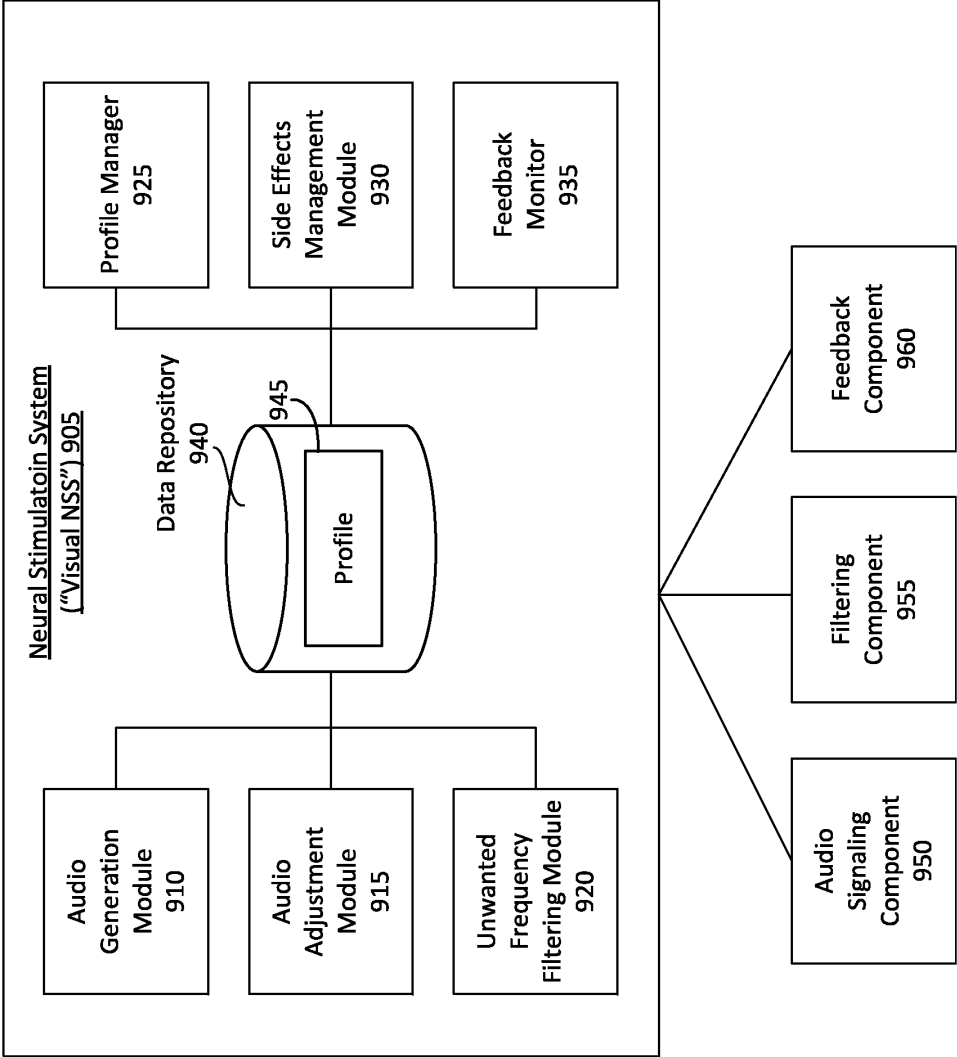


FIG. 9

900

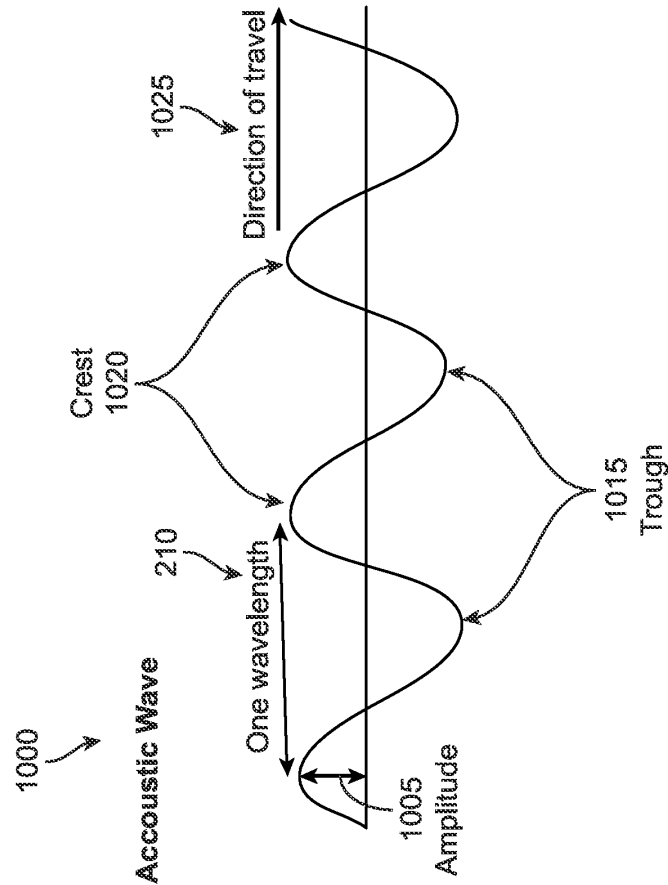


FIG. 10A

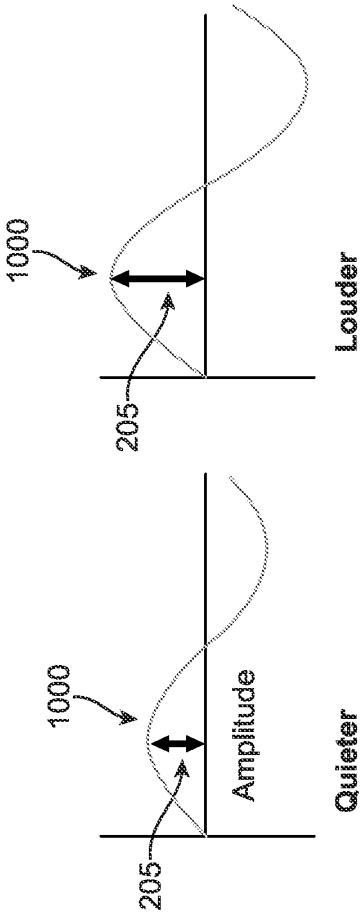


FIG. 10C

FIG. 10B

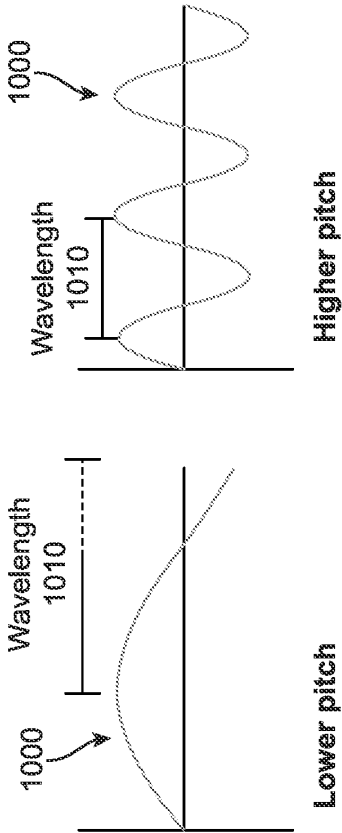


FIG. 10E

FIG. 10D

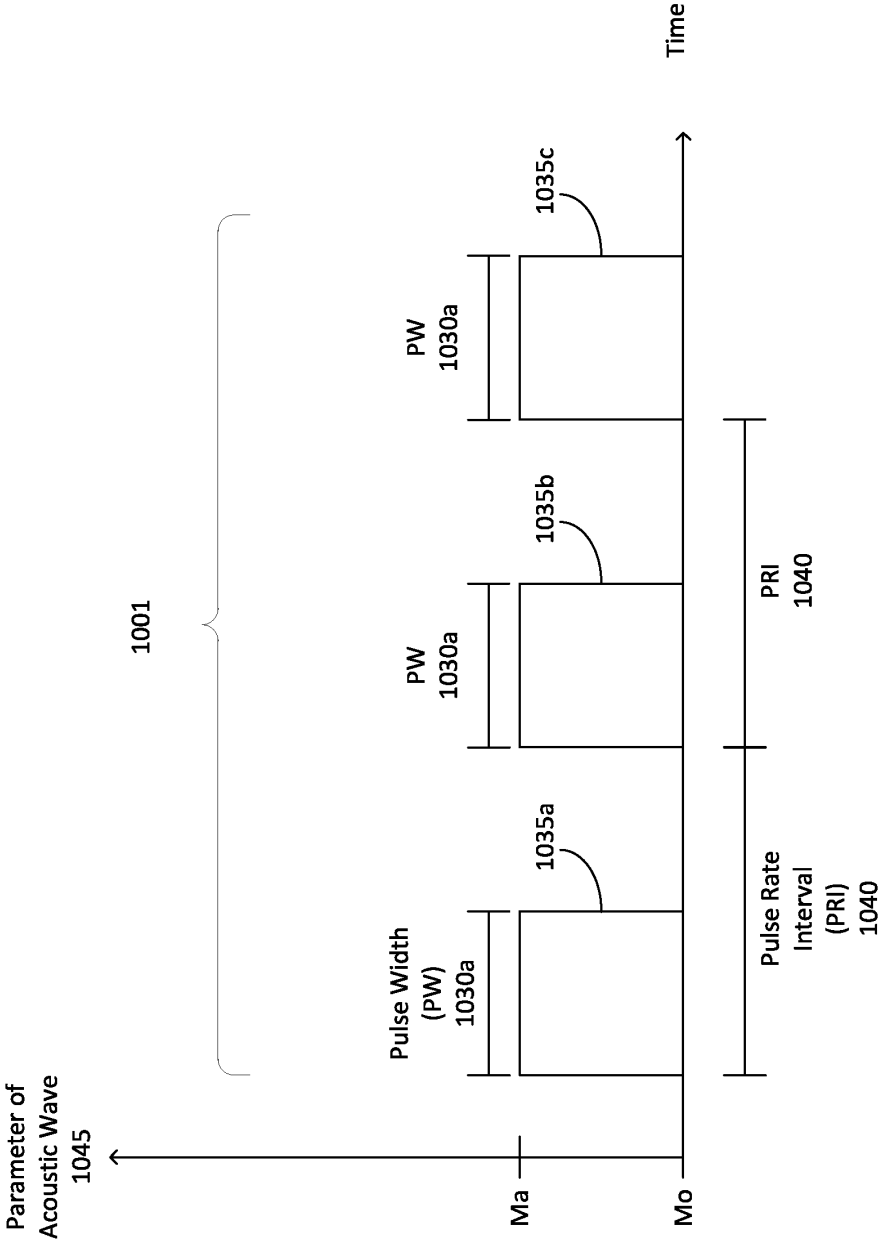


FIG. 10F

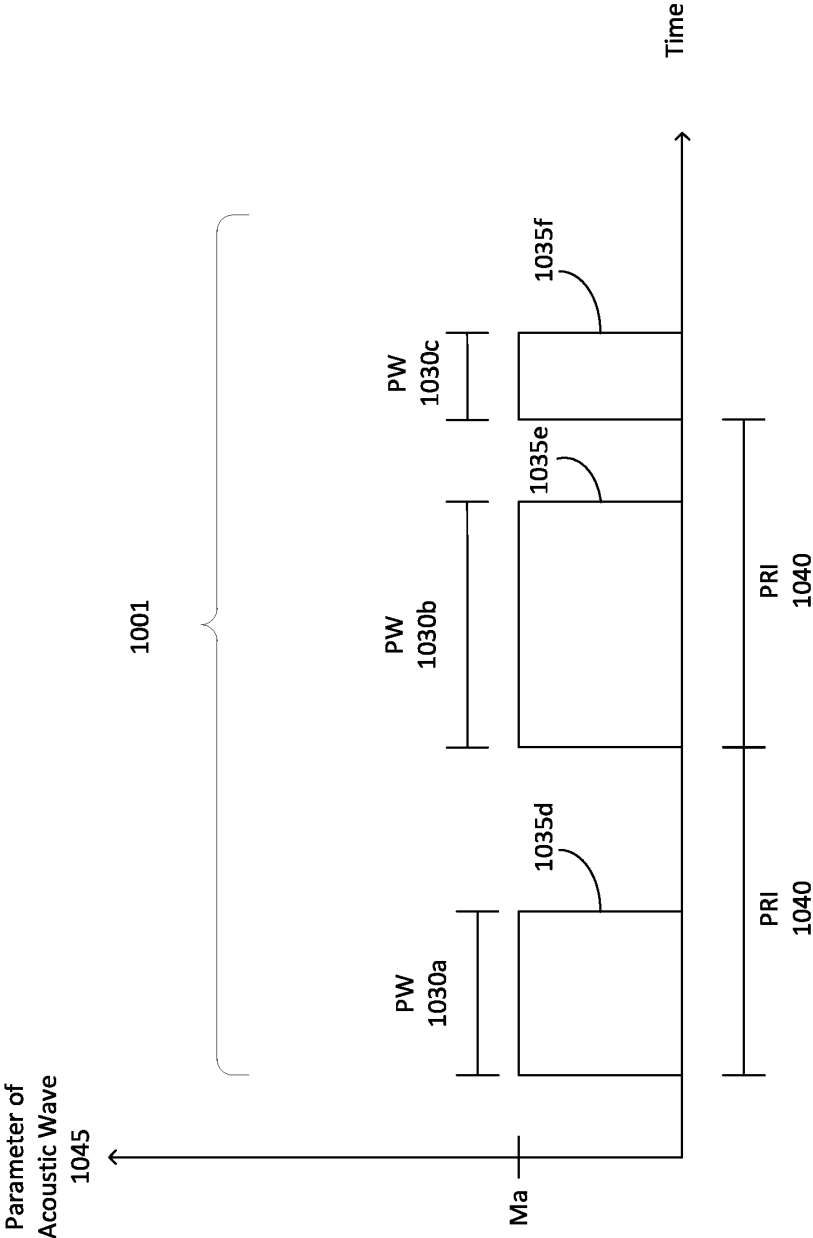


FIG. 10G

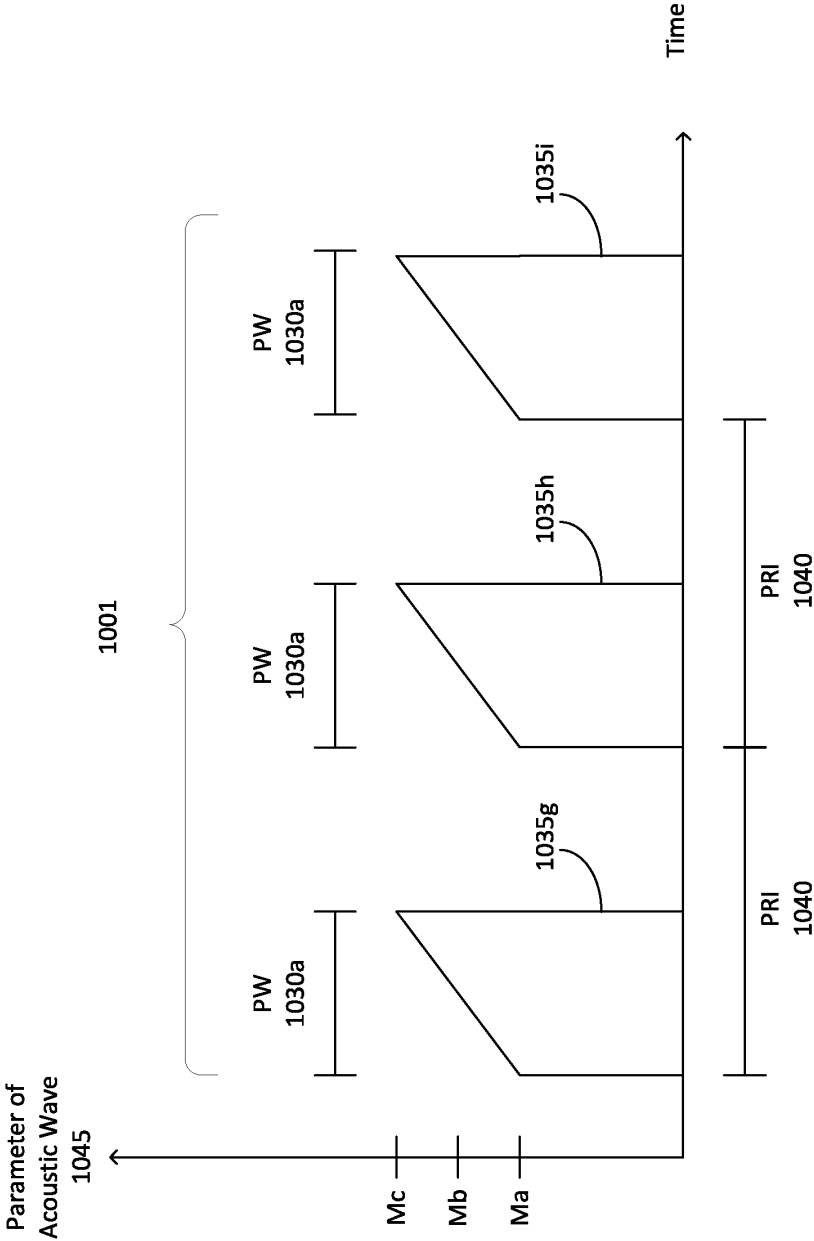


FIG. 10H

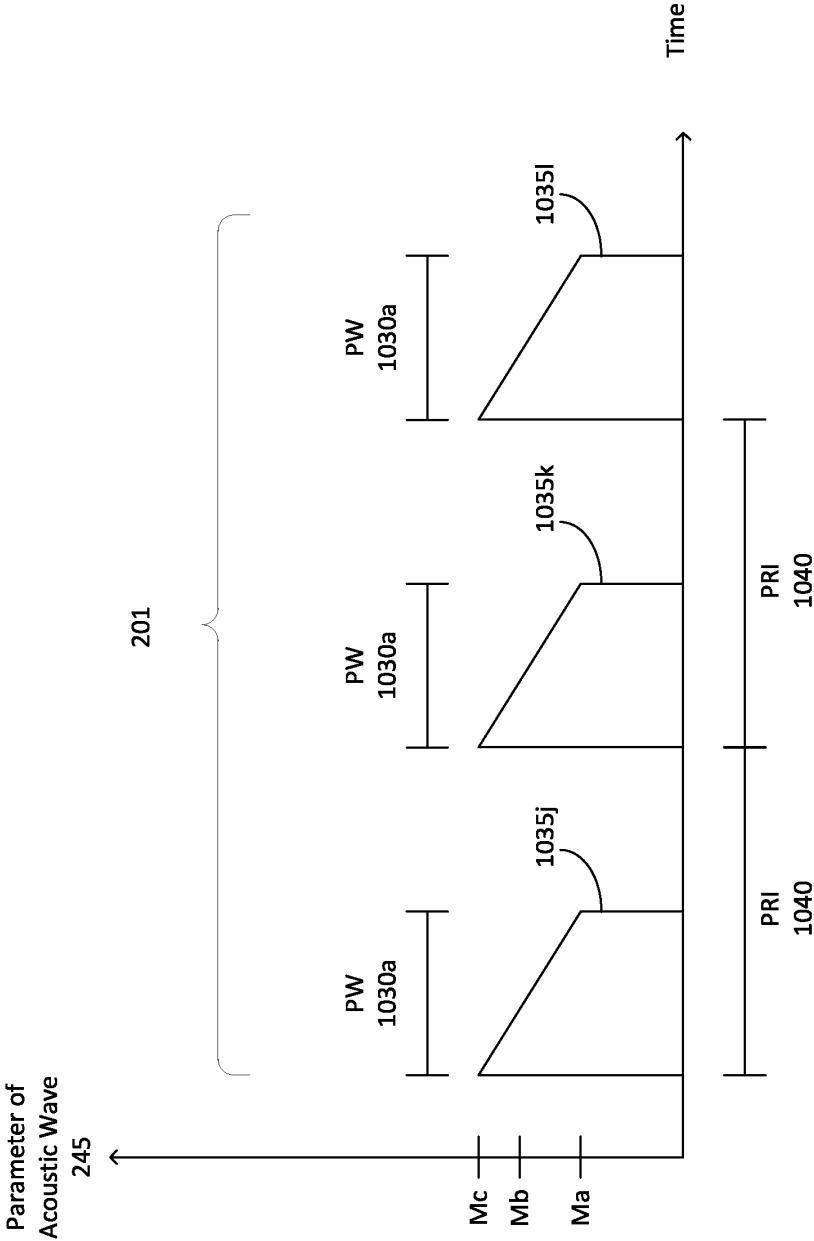


FIG. 10I

Binaural Beats

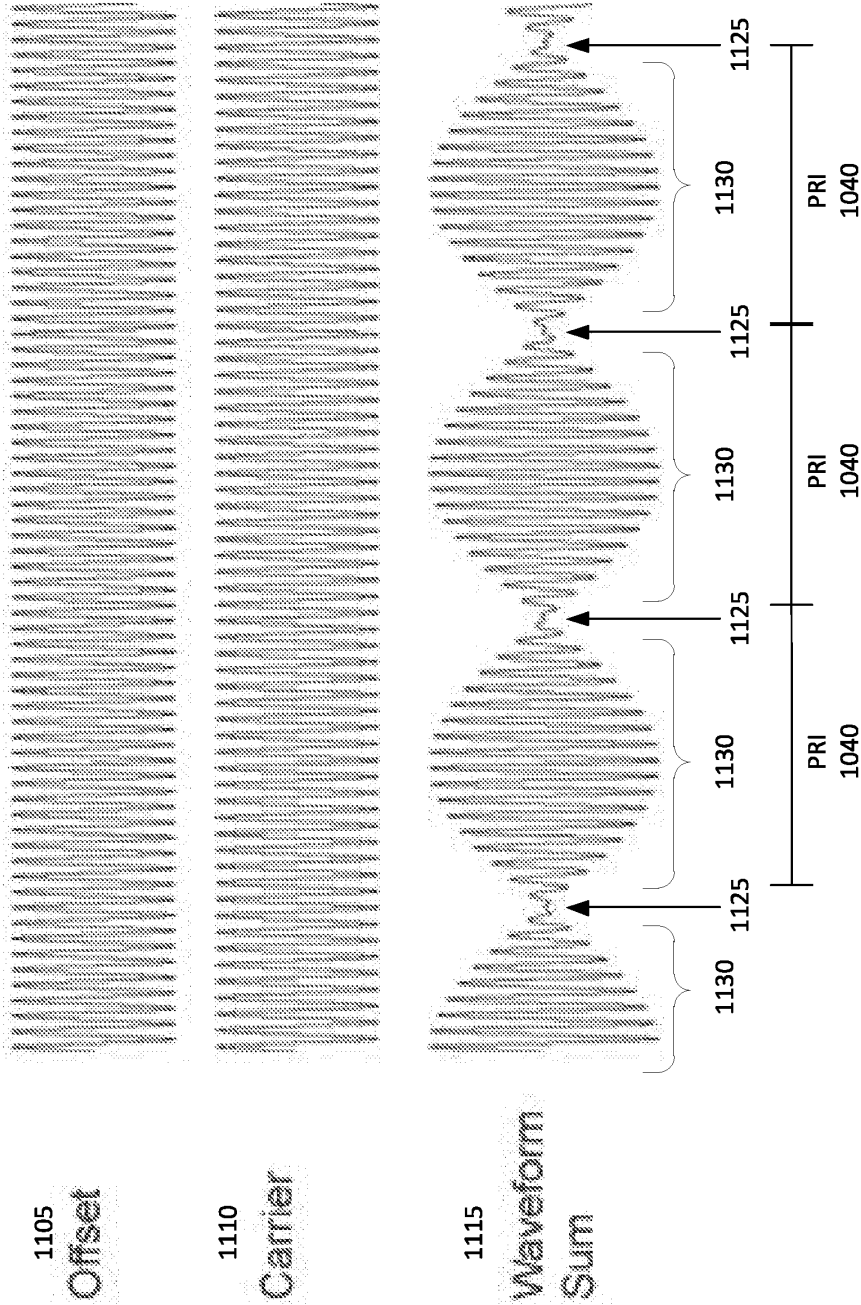


FIG. 11A

Isochronic Tones

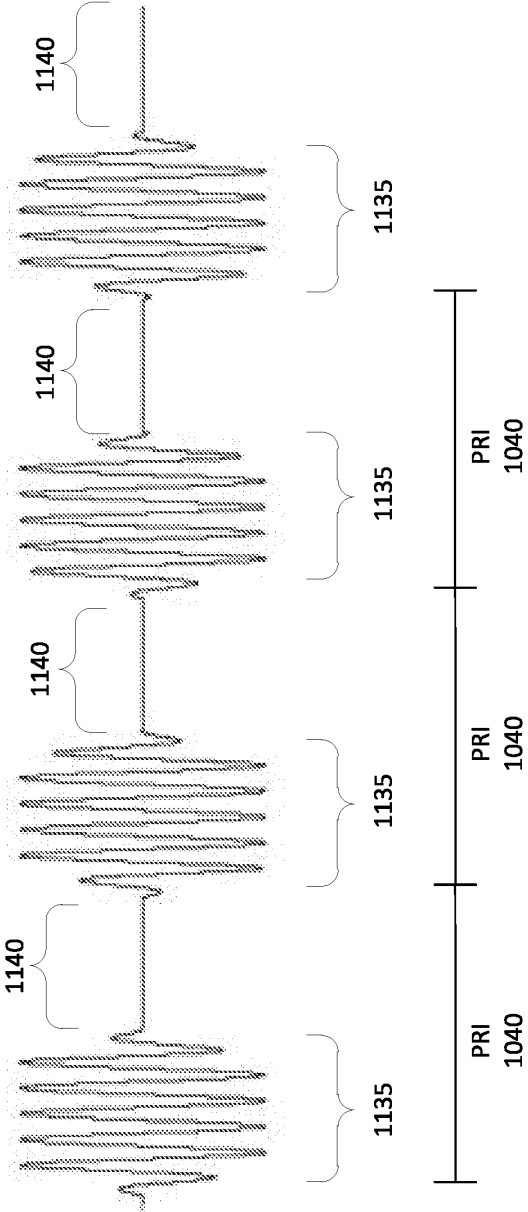


FIG. 11B

Modulations & Audio Filtering

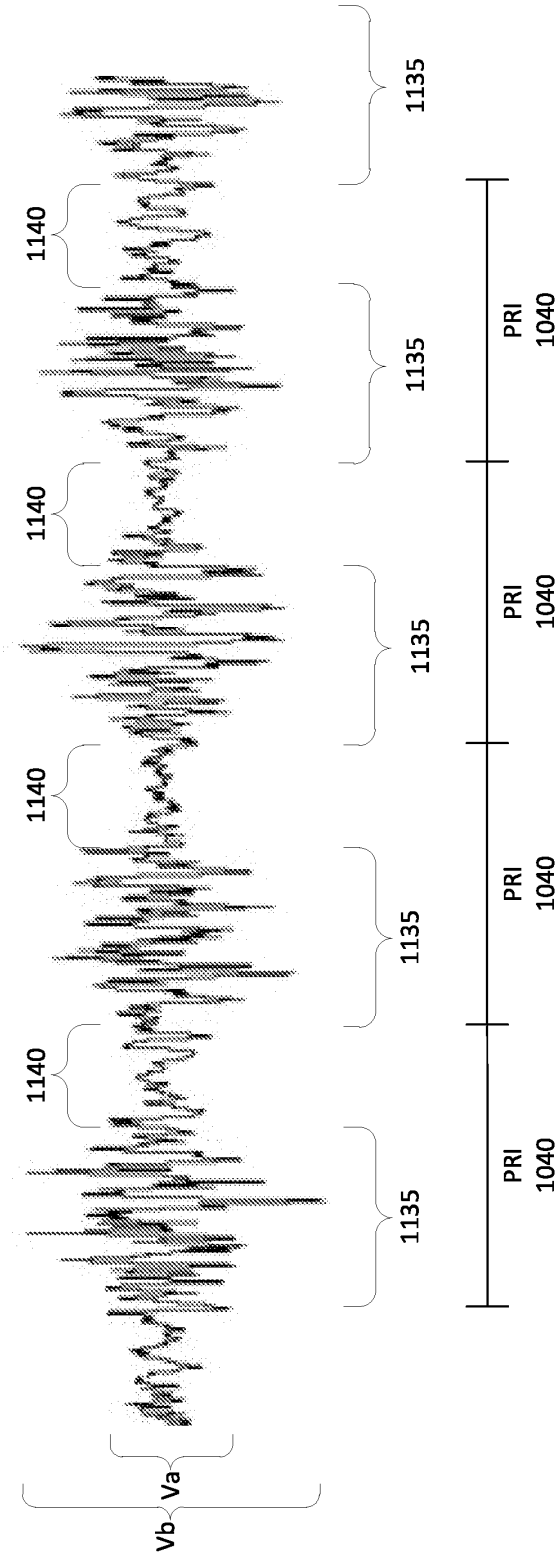


FIG. 11C

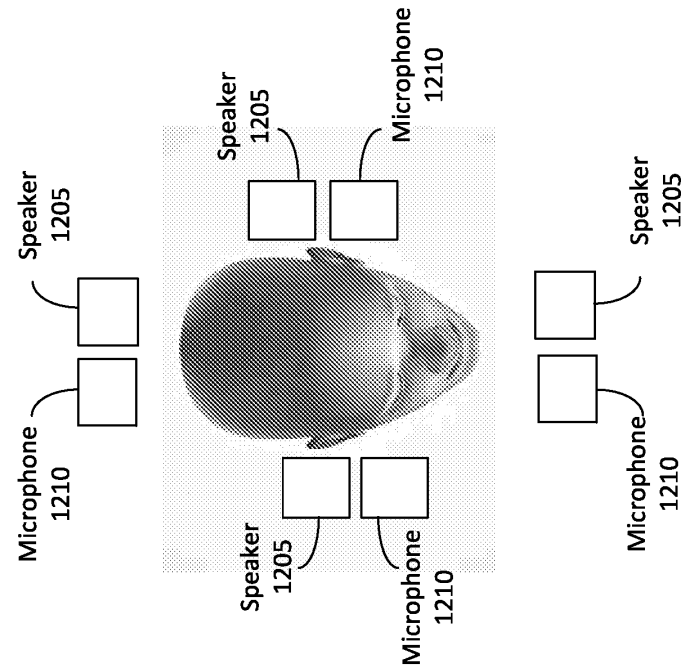


FIG. 12A

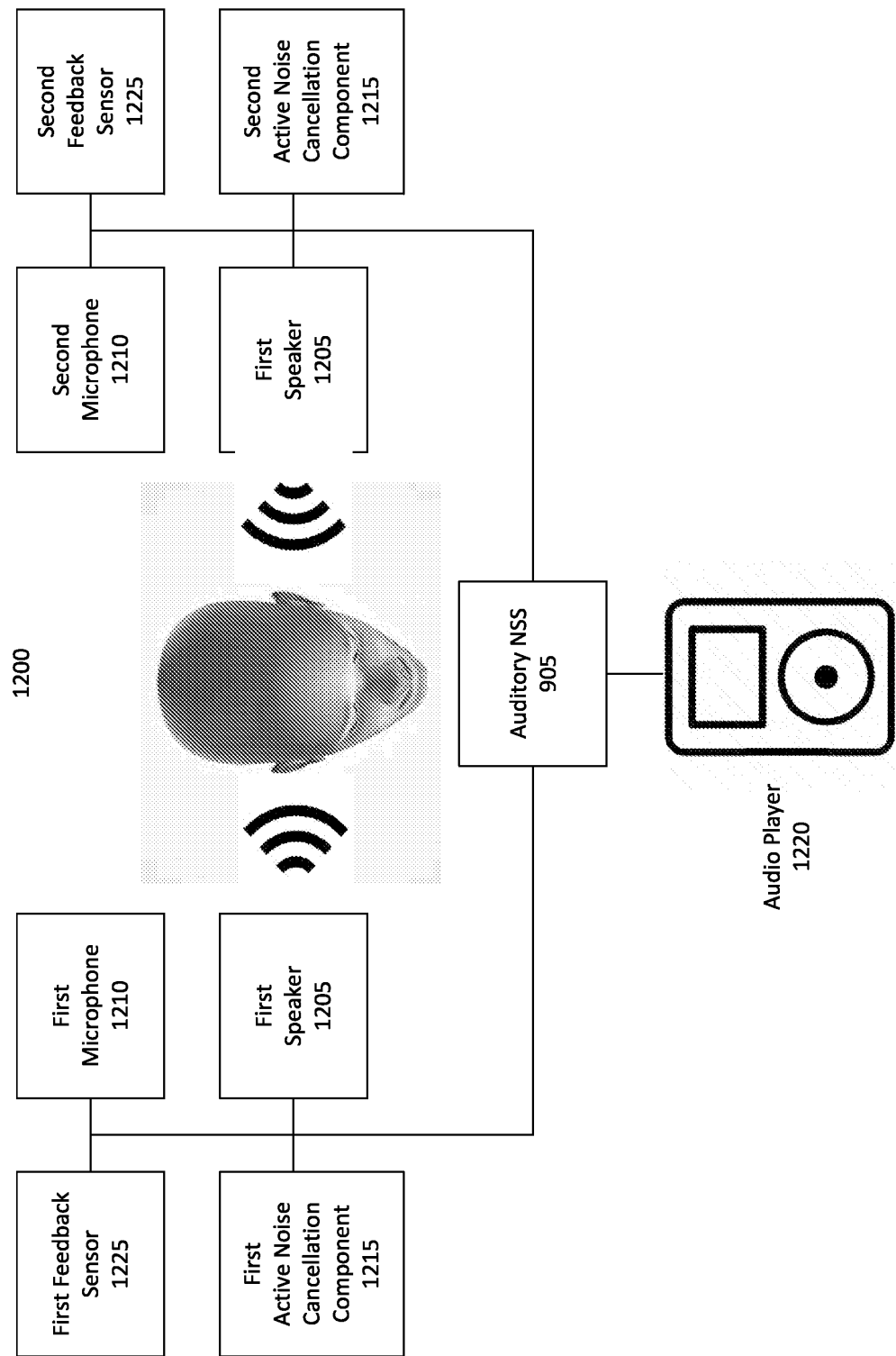


FIG. 12B

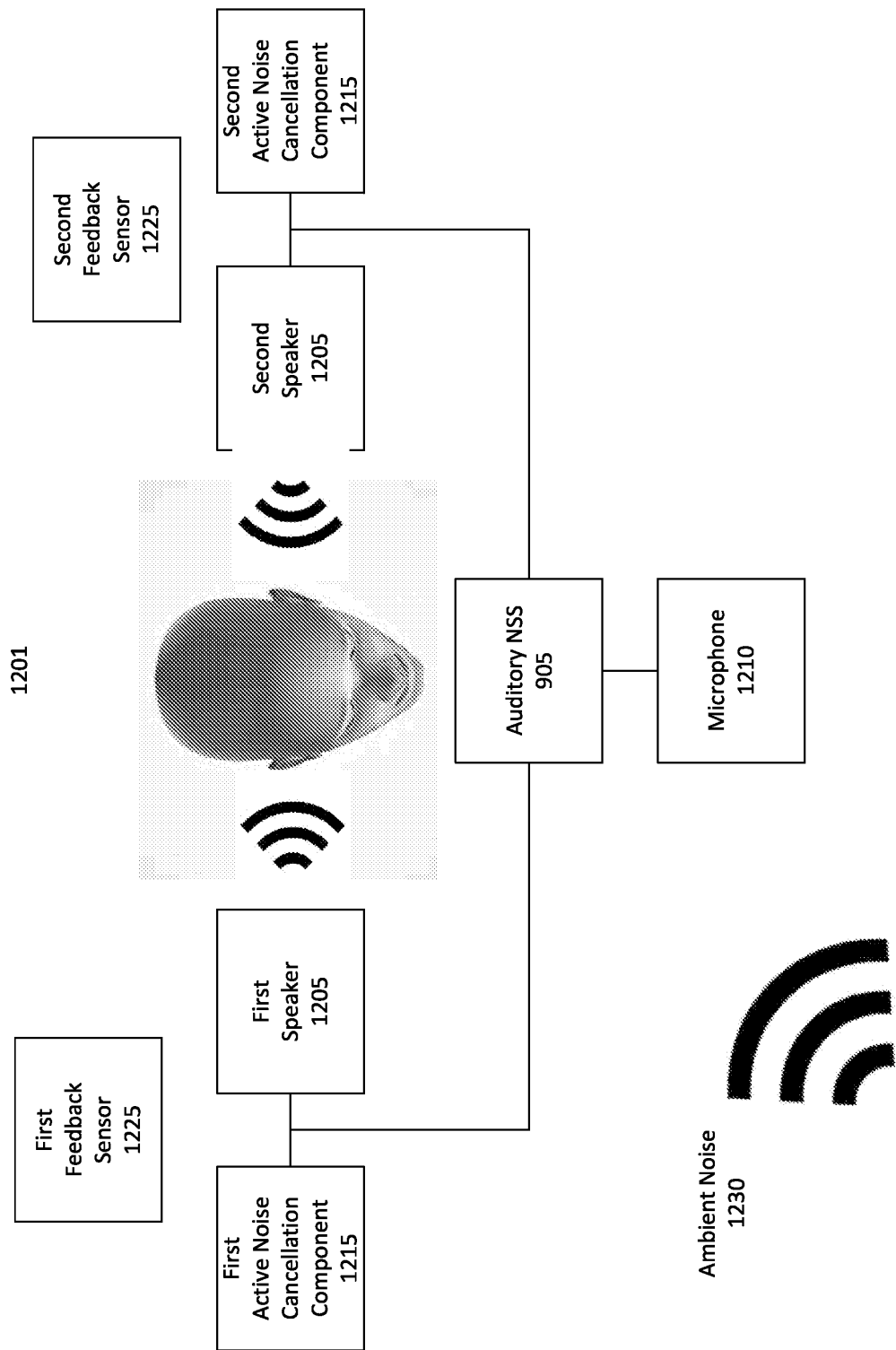


FIG. 12C

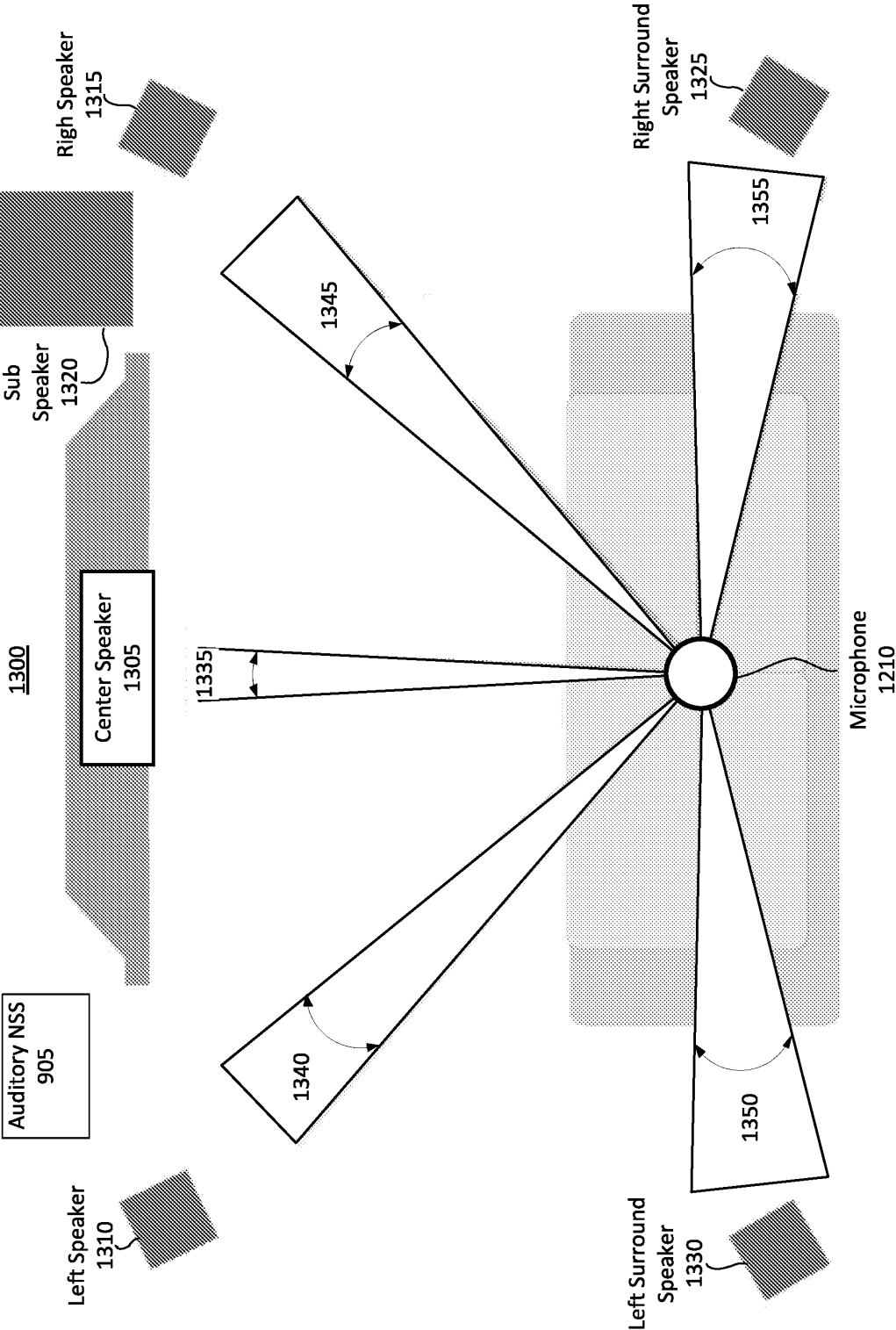


FIG. 13

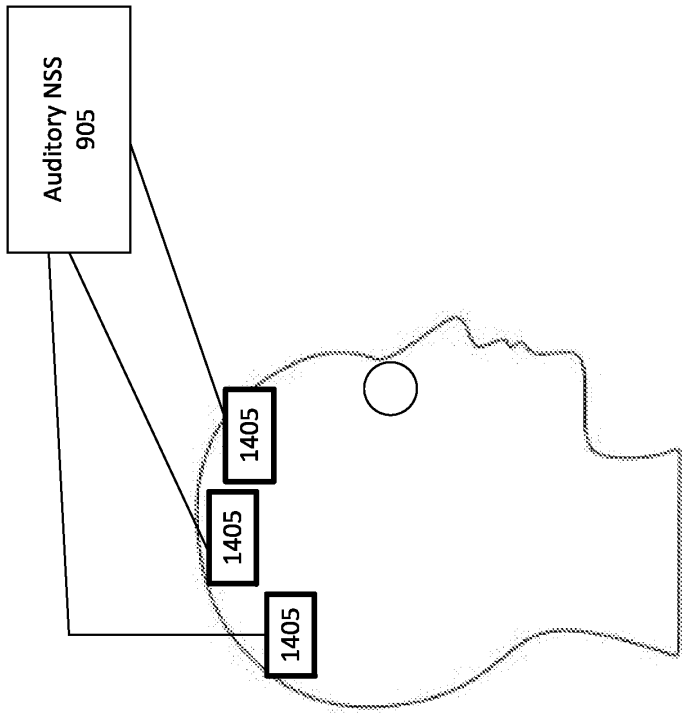


FIG. 14

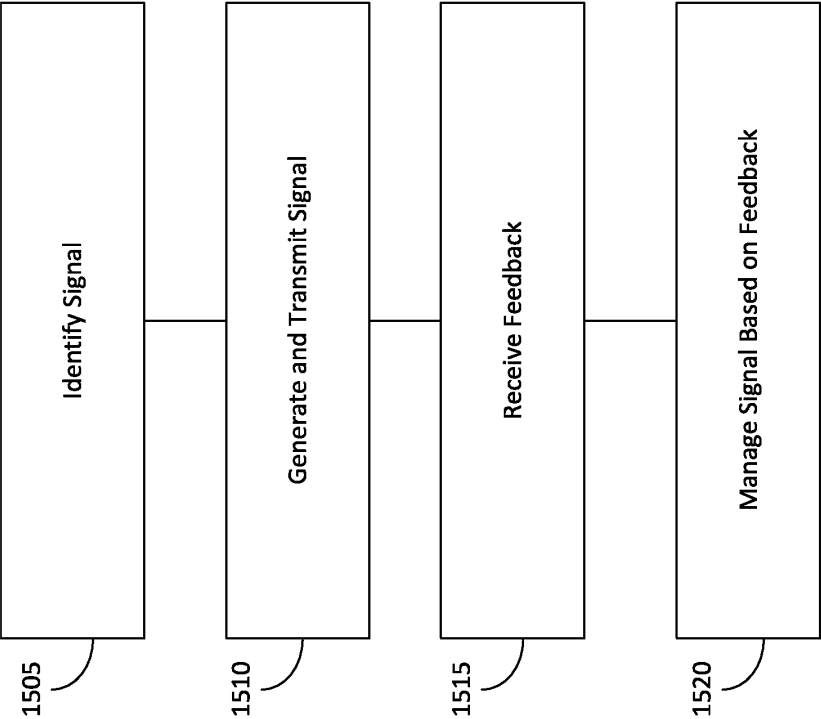


FIG. 15

2300

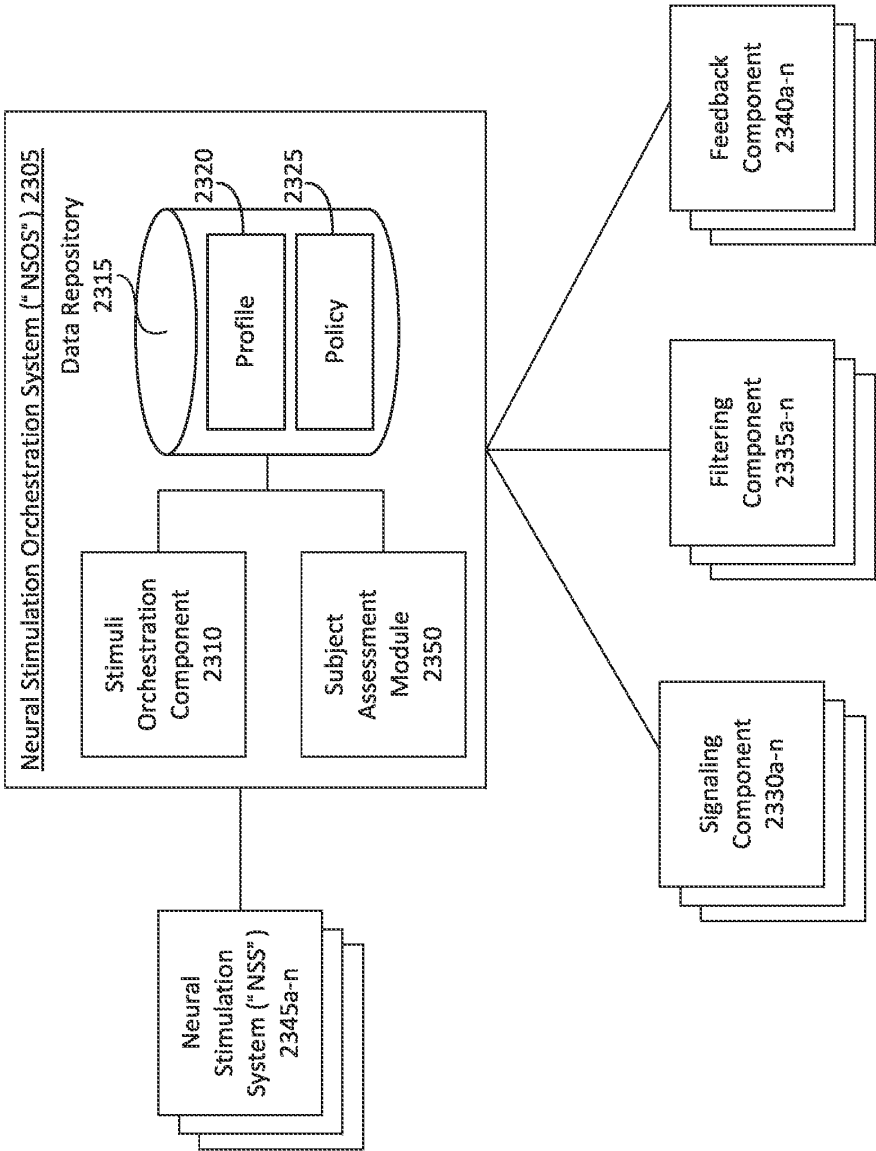


FIG. 16A

1600

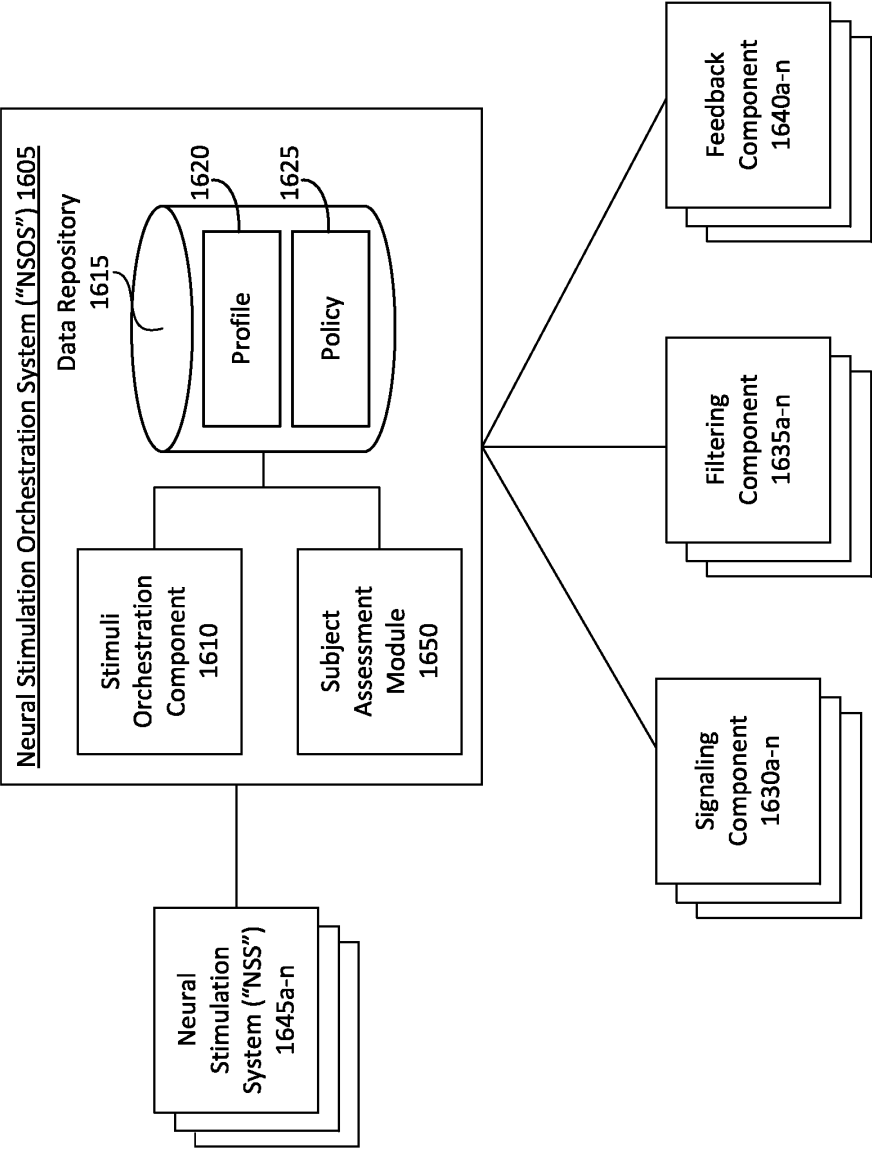


FIG. 16B

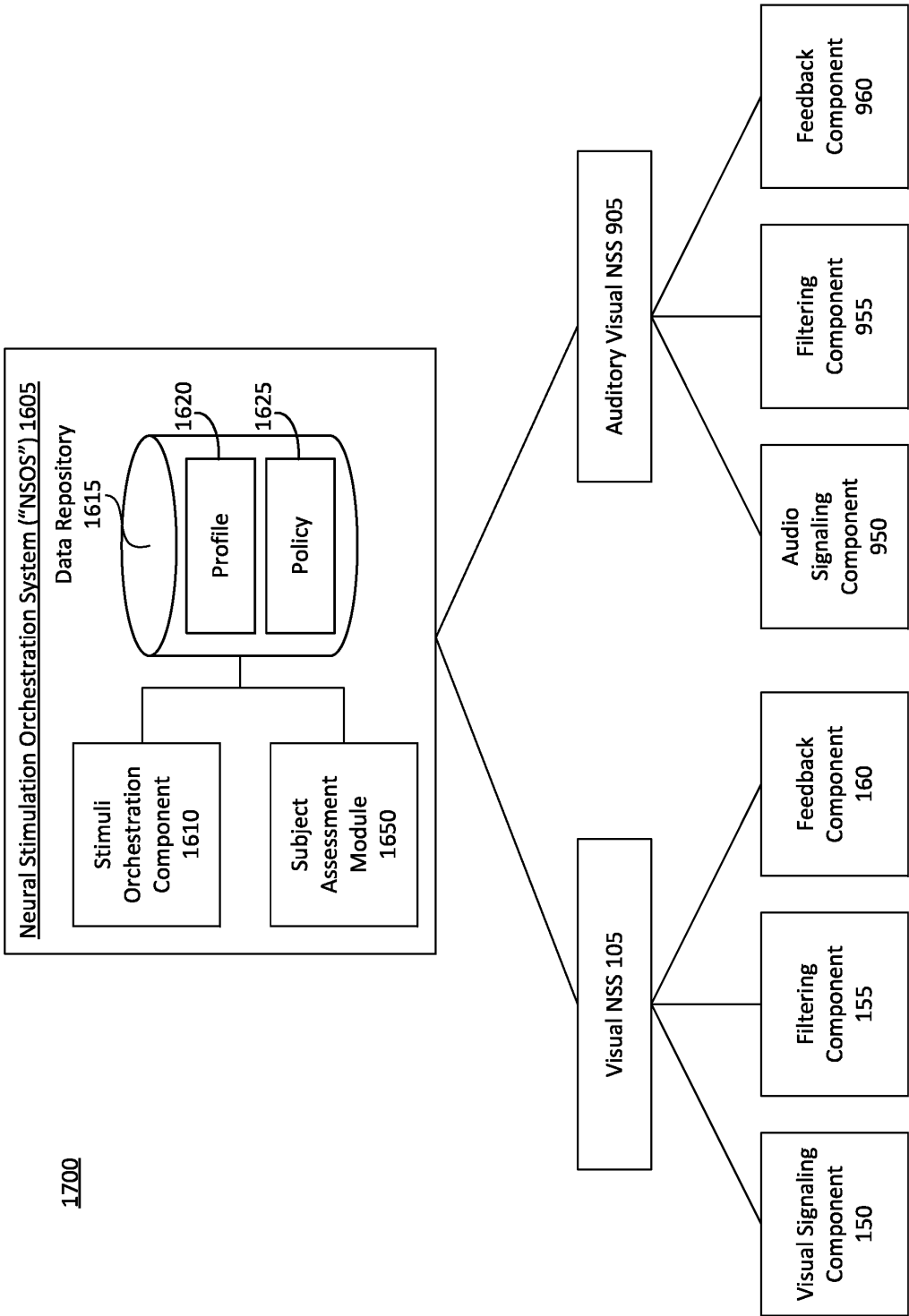


FIG. 17A

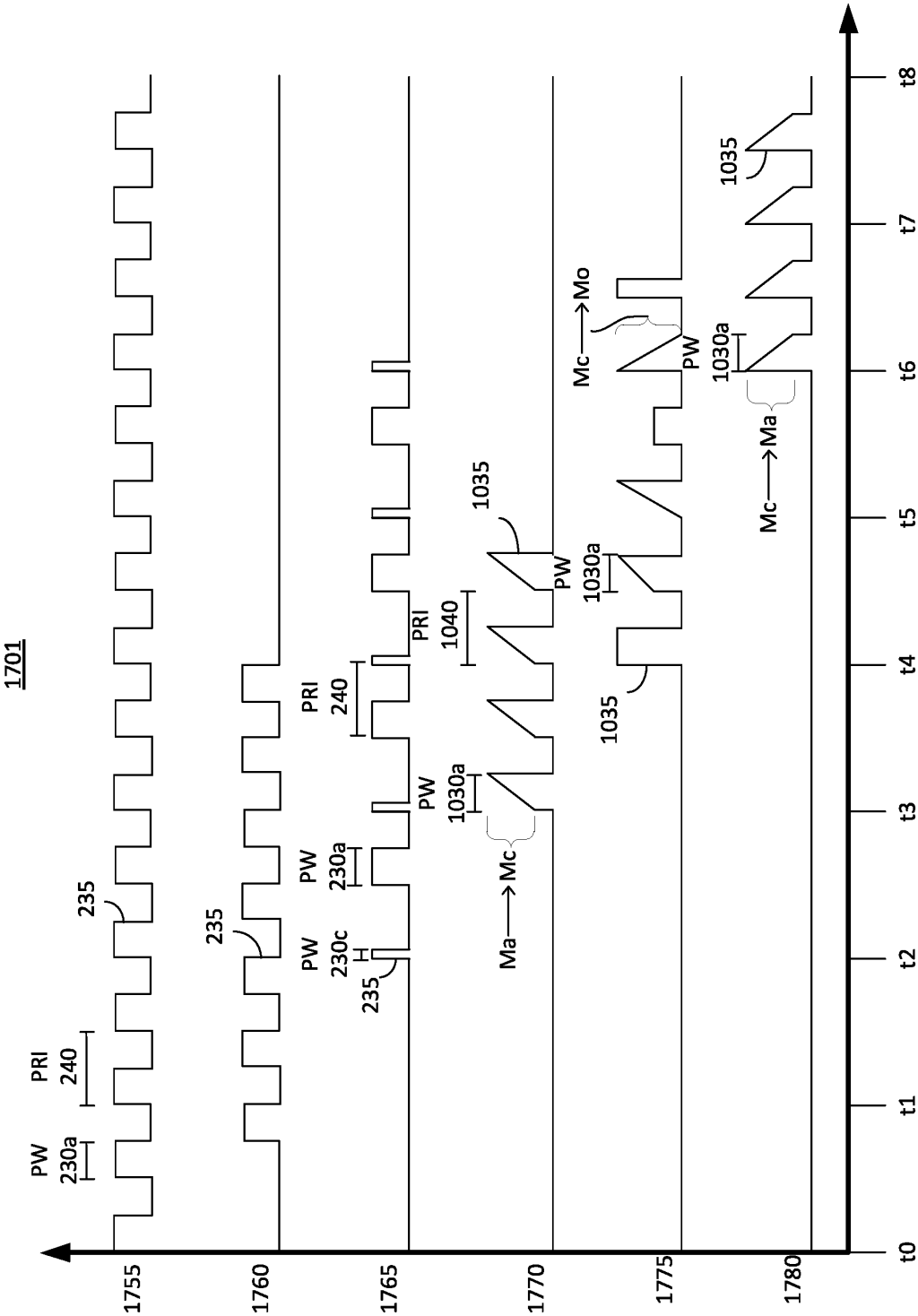


FIG. 17B

1800

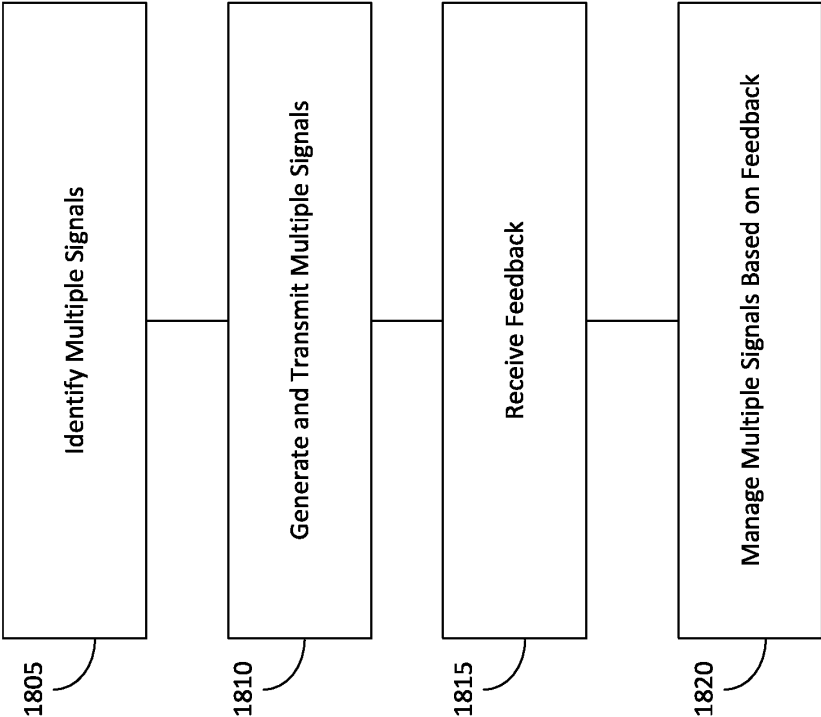


FIG. 18

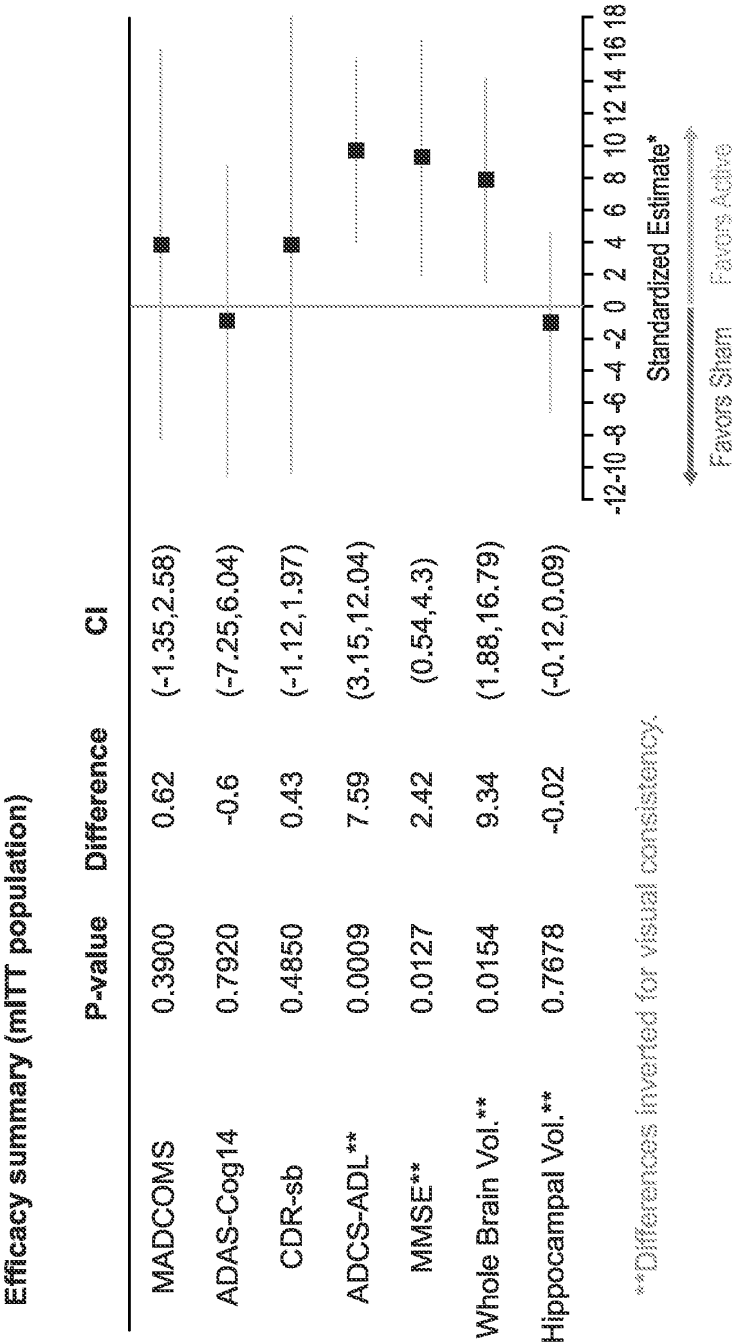


FIG. 19

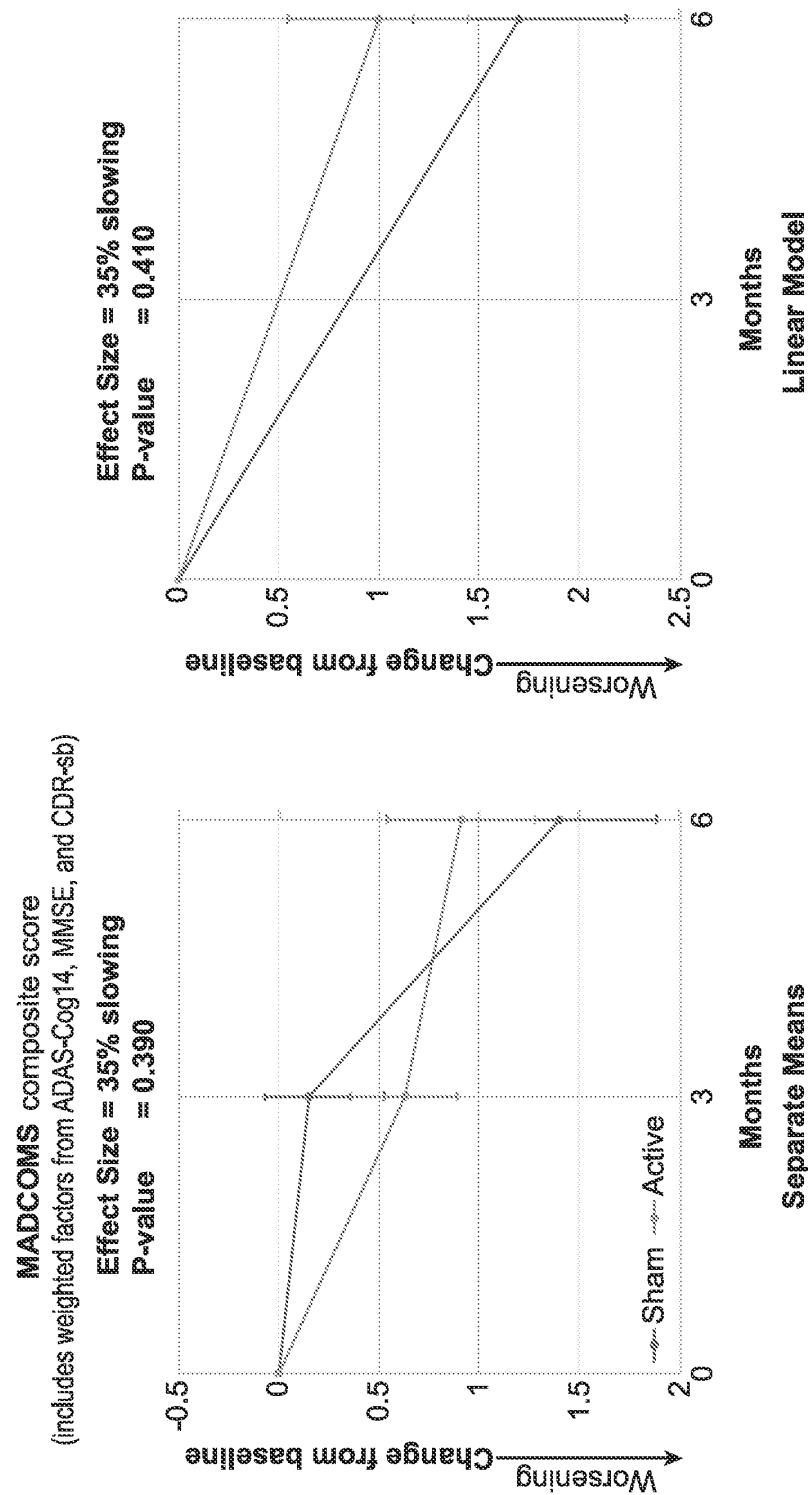


FIG. 20

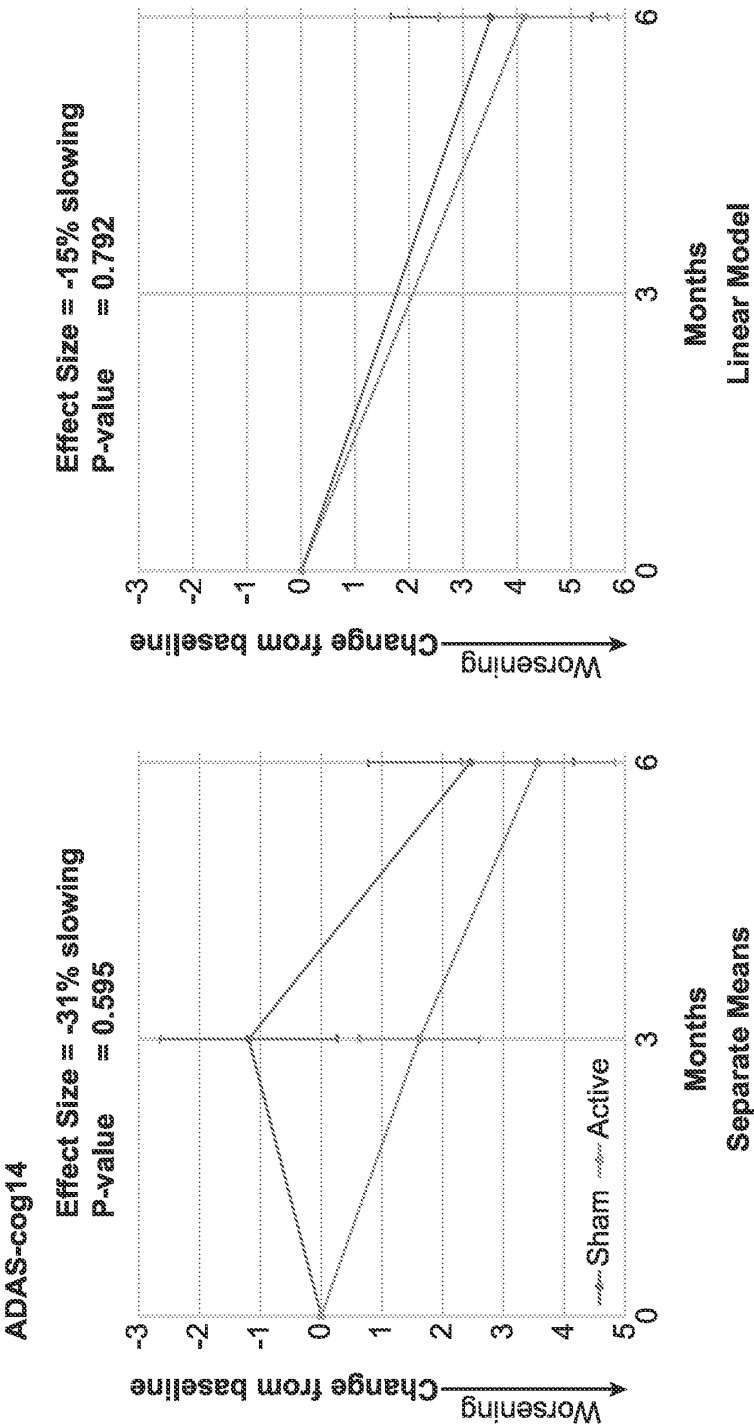


FIG. 21

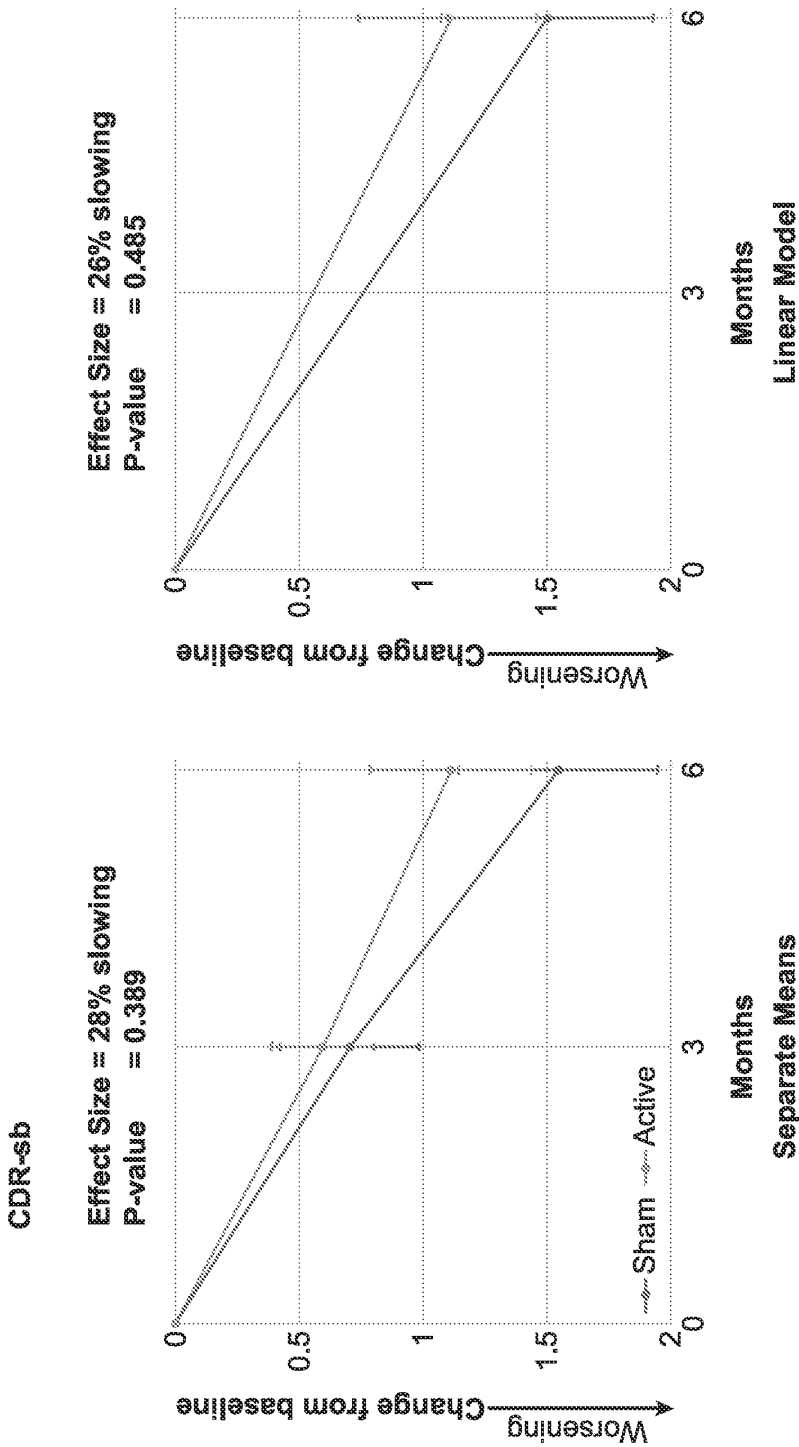


FIG. 22

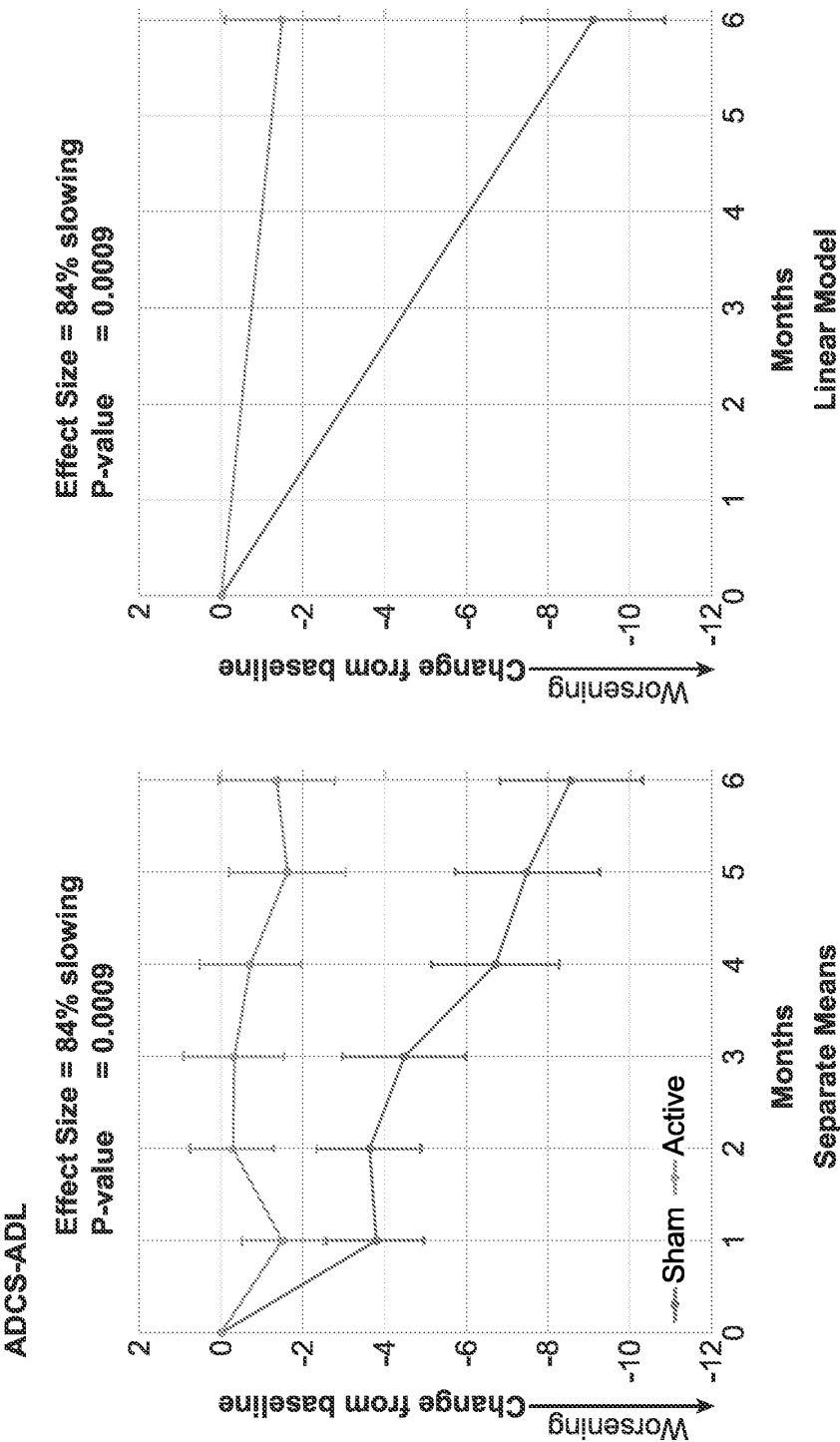


FIG. 23

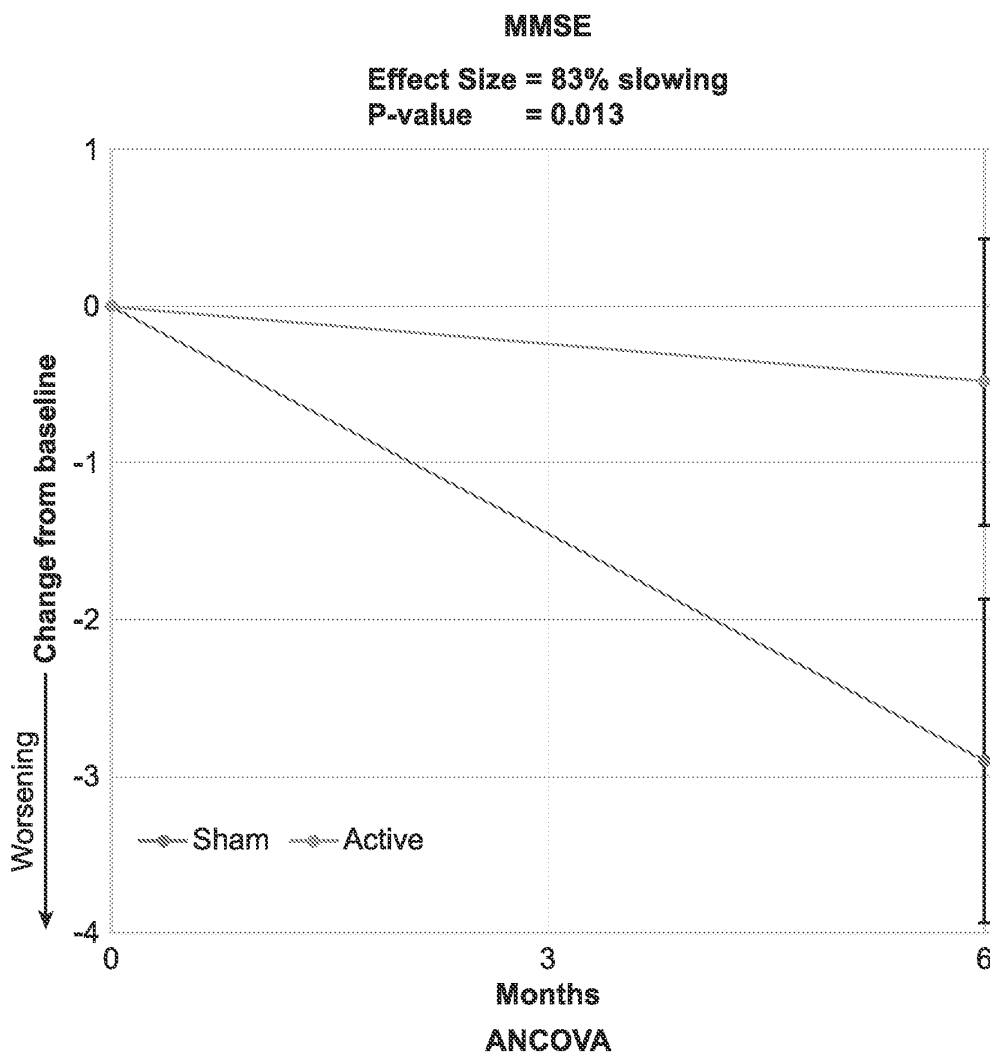


FIG. 24

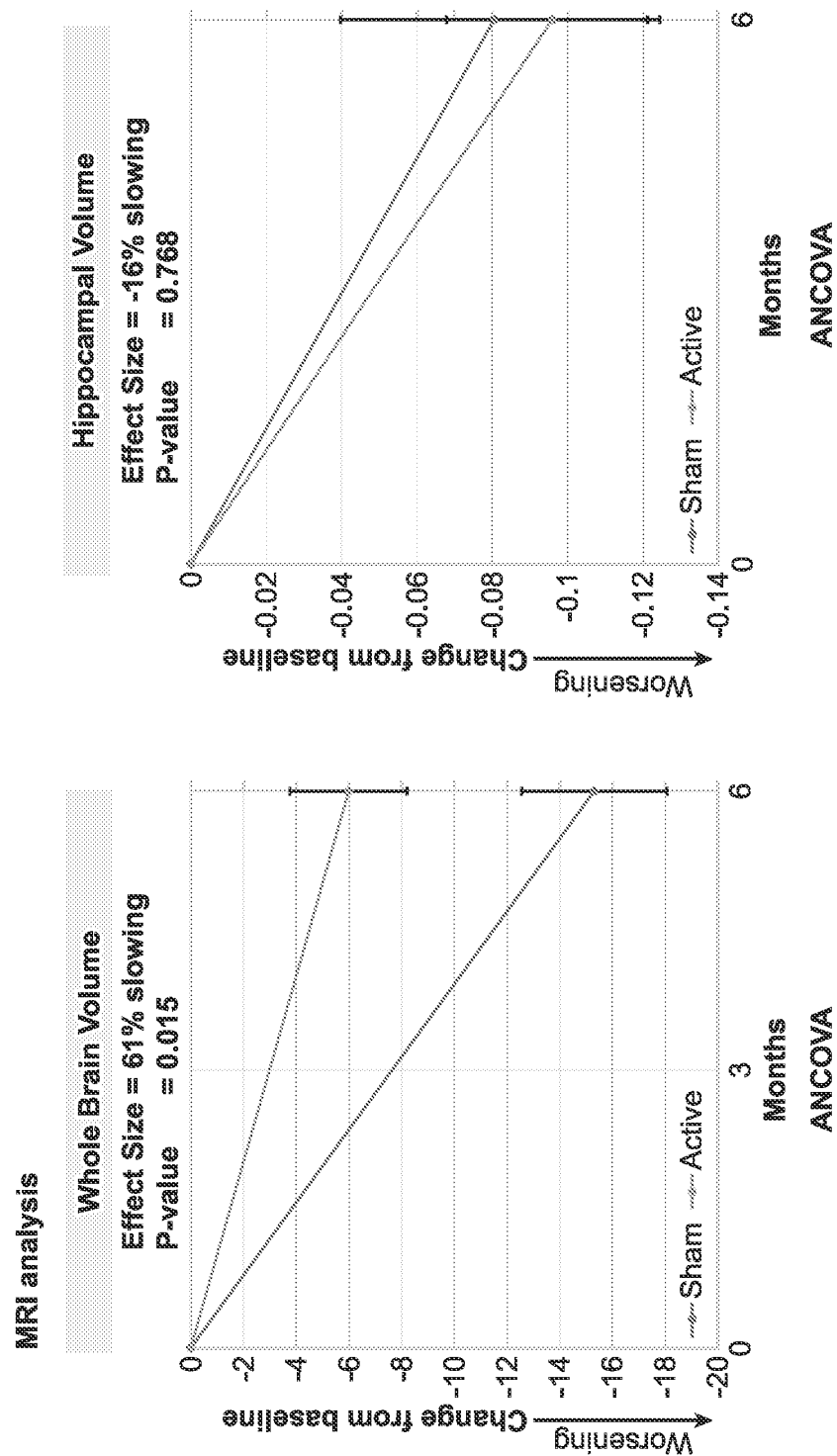


FIG. 25

Scale	p-value	Difference	CI	%Slowing*
ADAS-cog14	0.792	0.6	-6.0, 7.2	-15%
MADCOMS	0.390	-0.6	-2.6, 1.3	35%
CDR-sb	0.485	-0.4	-2.0, 1.1	27%
ADCS-ADL	0.0009	7.6	3.1, 12.0	84%
MMSE	0.013	2.58	0.5, 4.3	83%
Whole Brain Volume	0.015	9.3	1.9, 16.8	61%
Hippocampal Volume	0.768	0.0	-0.1, 0.1	-16%

*Positive % slowing is in favor of active, negative is in favor of sham.

FIG. 26

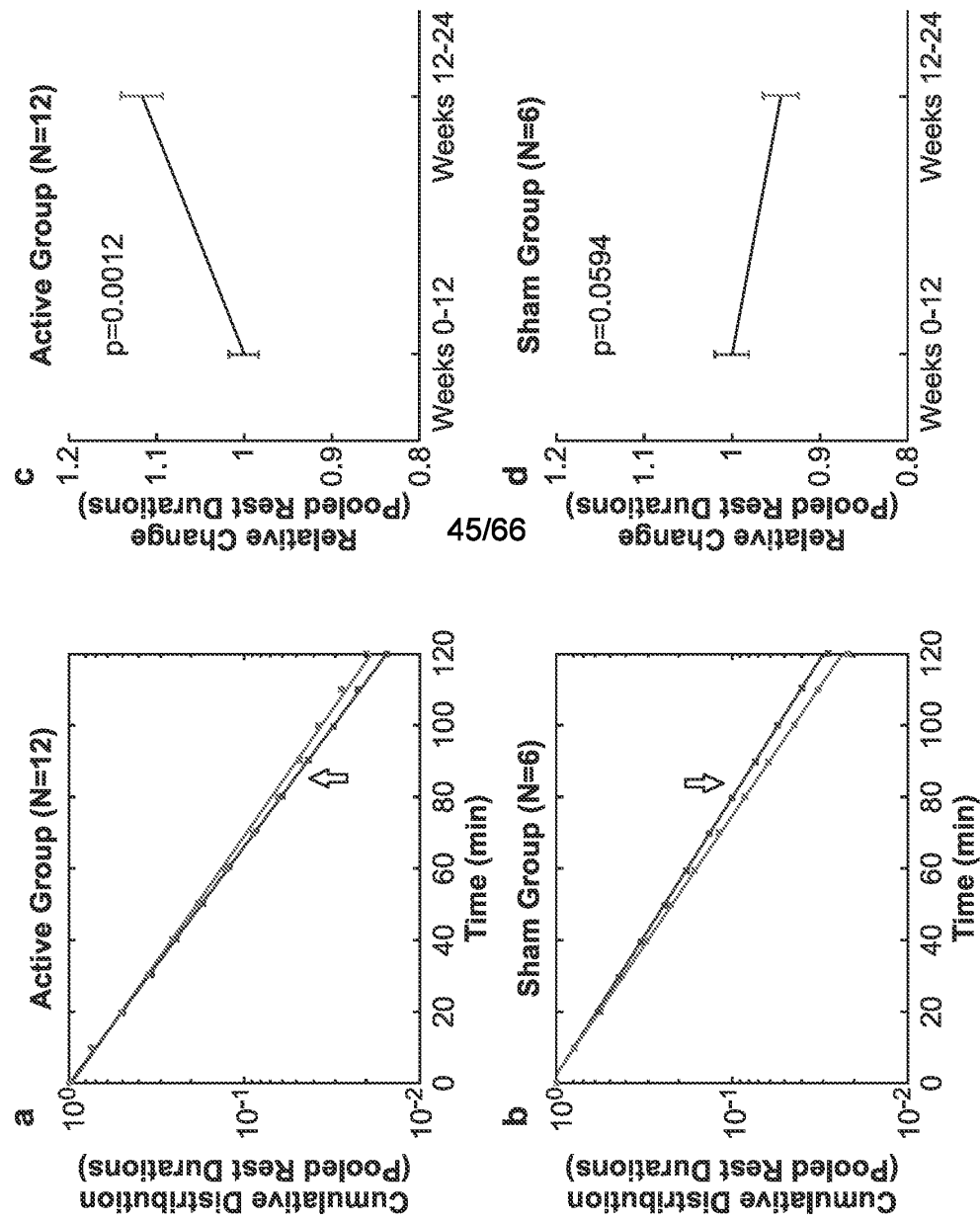


FIG. 27

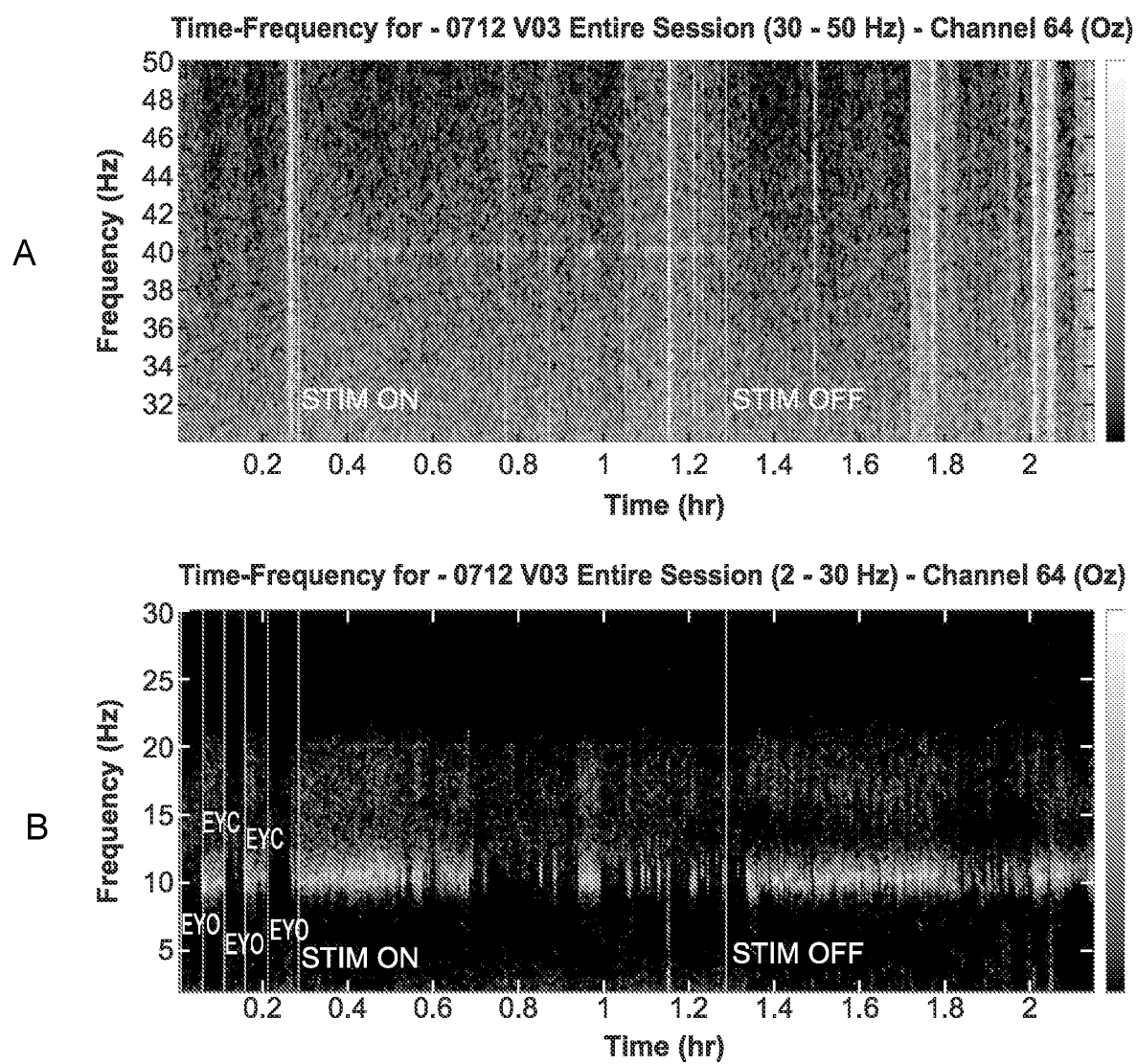


FIG. 28

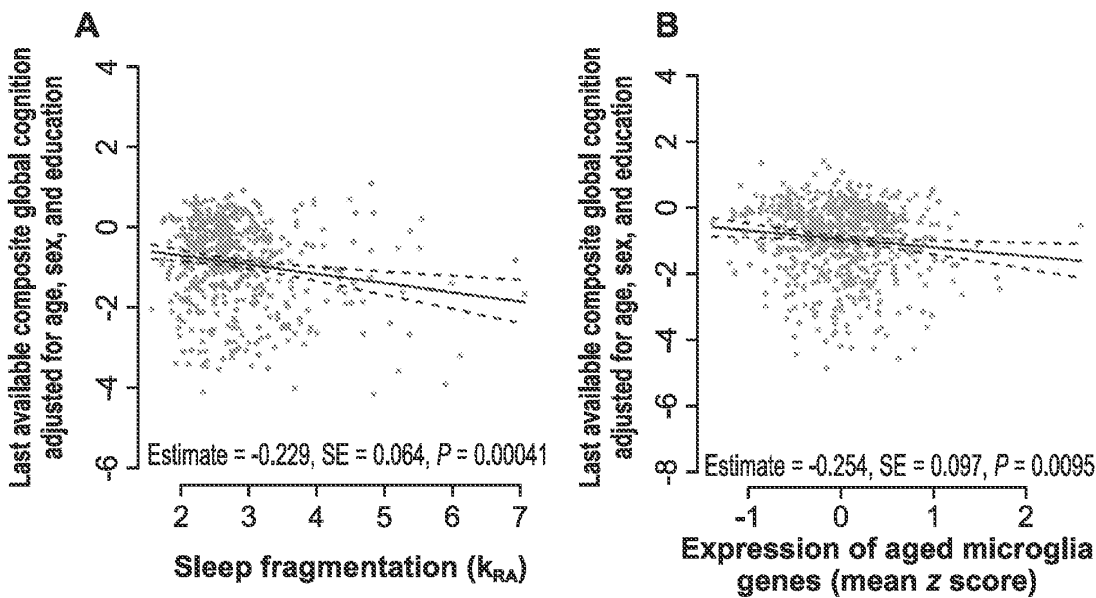


FIG. 29

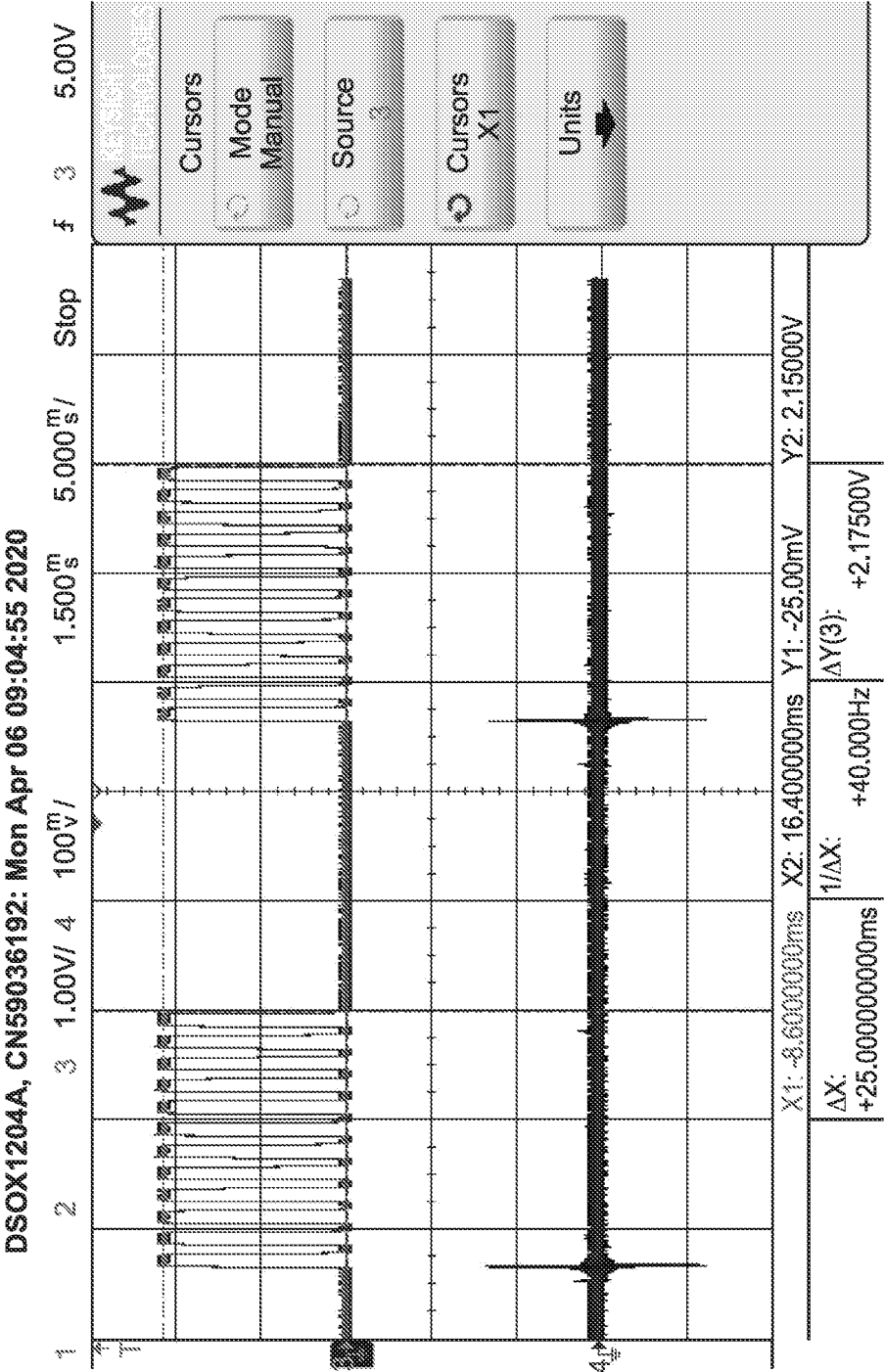


FIG. 30

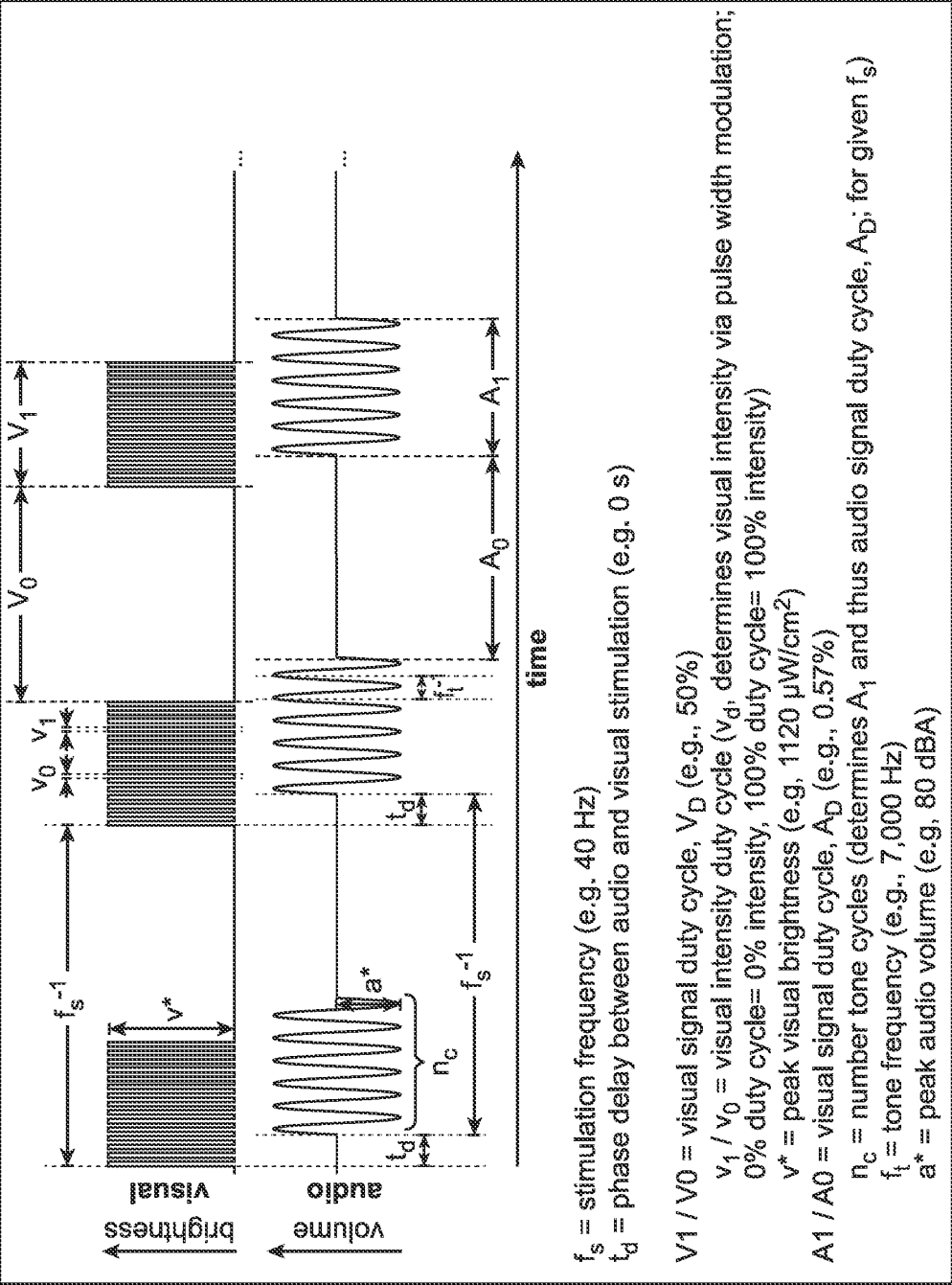


FIG. 31

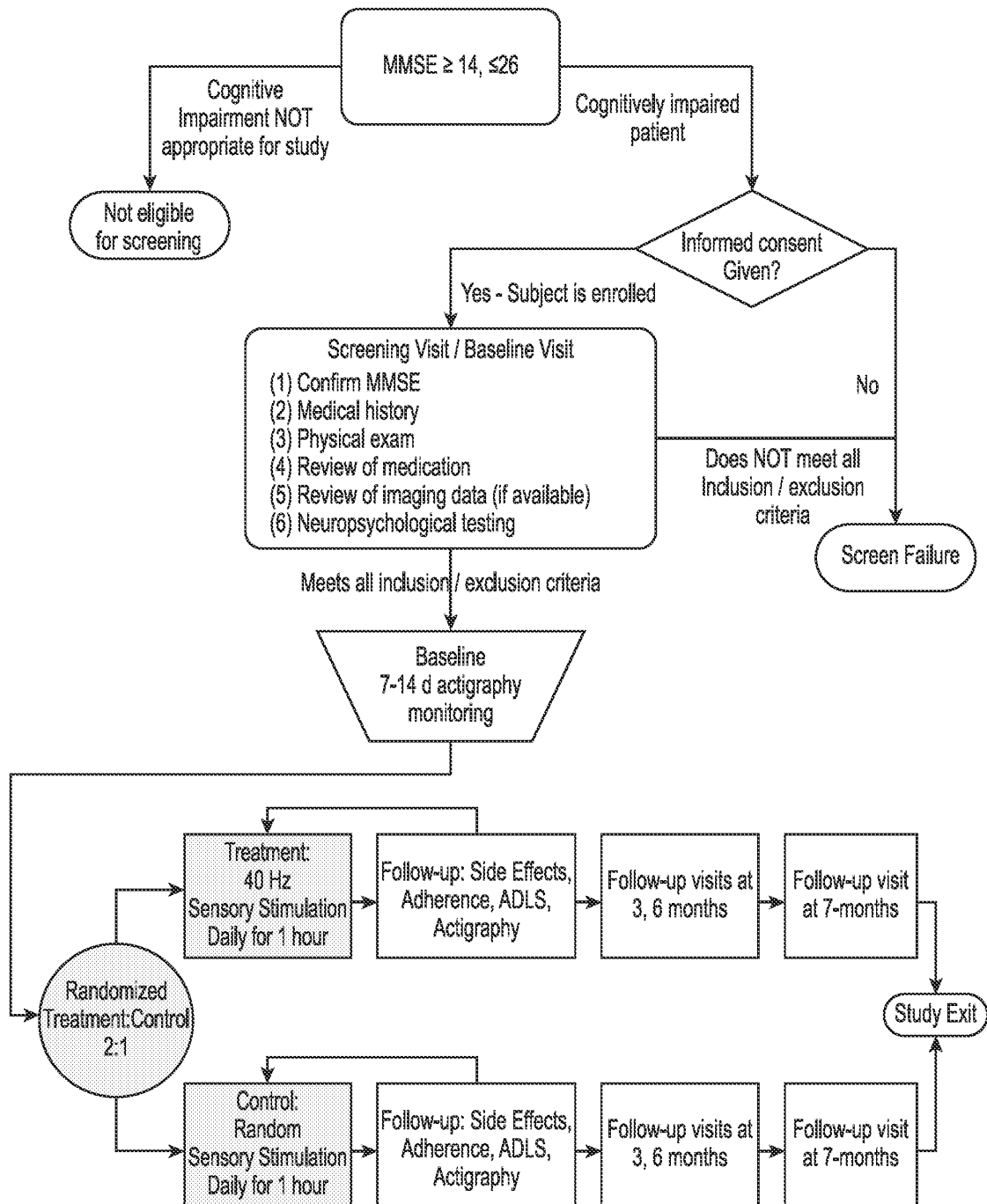


FIG. 32

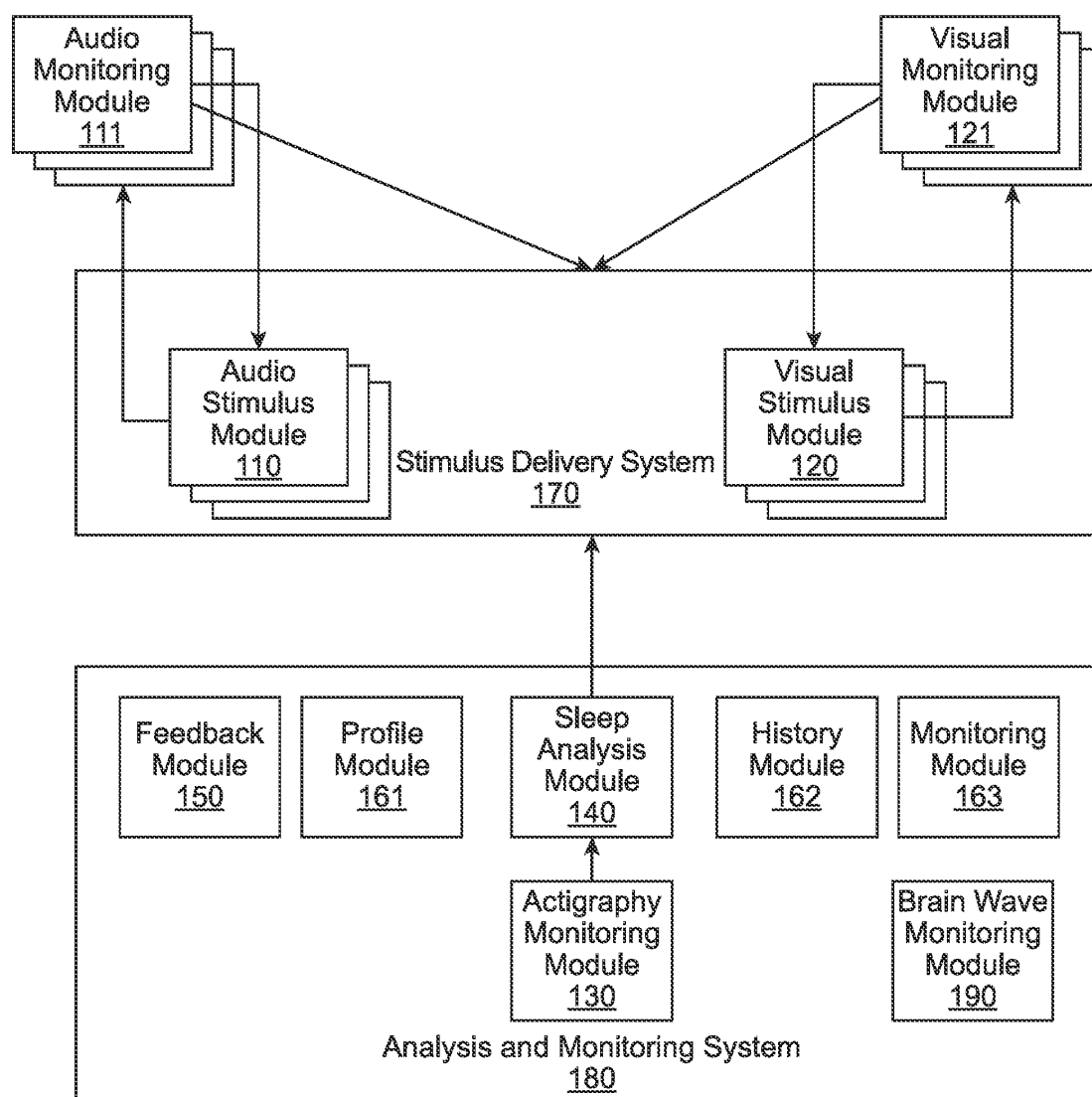


FIG. 33

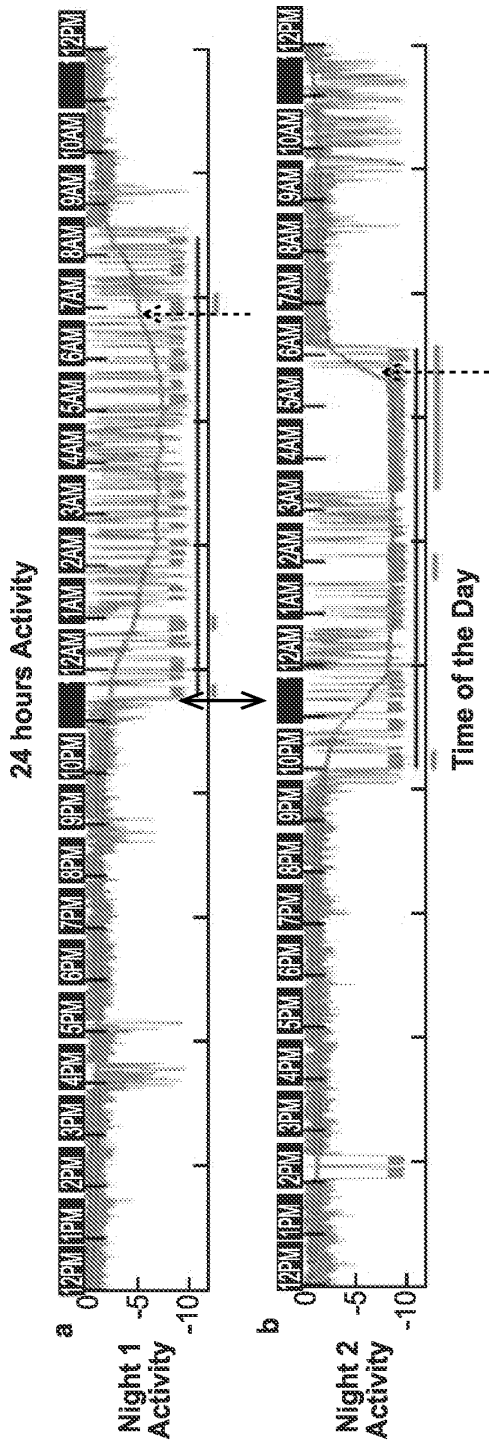


FIG. 34

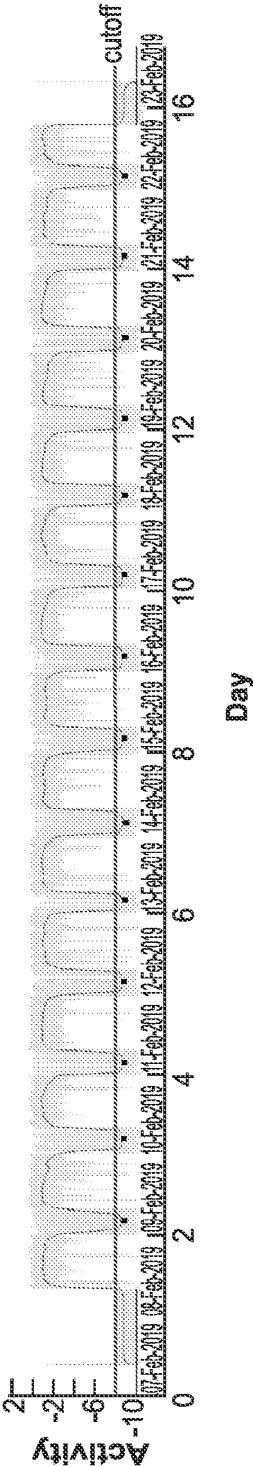


FIG. 35

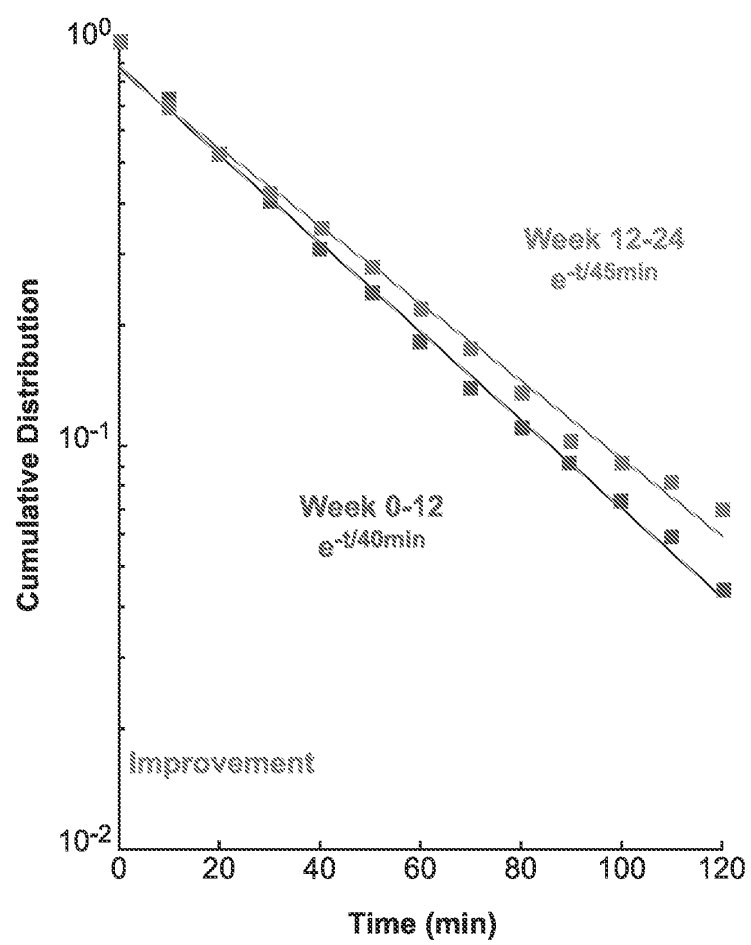


FIG. 36

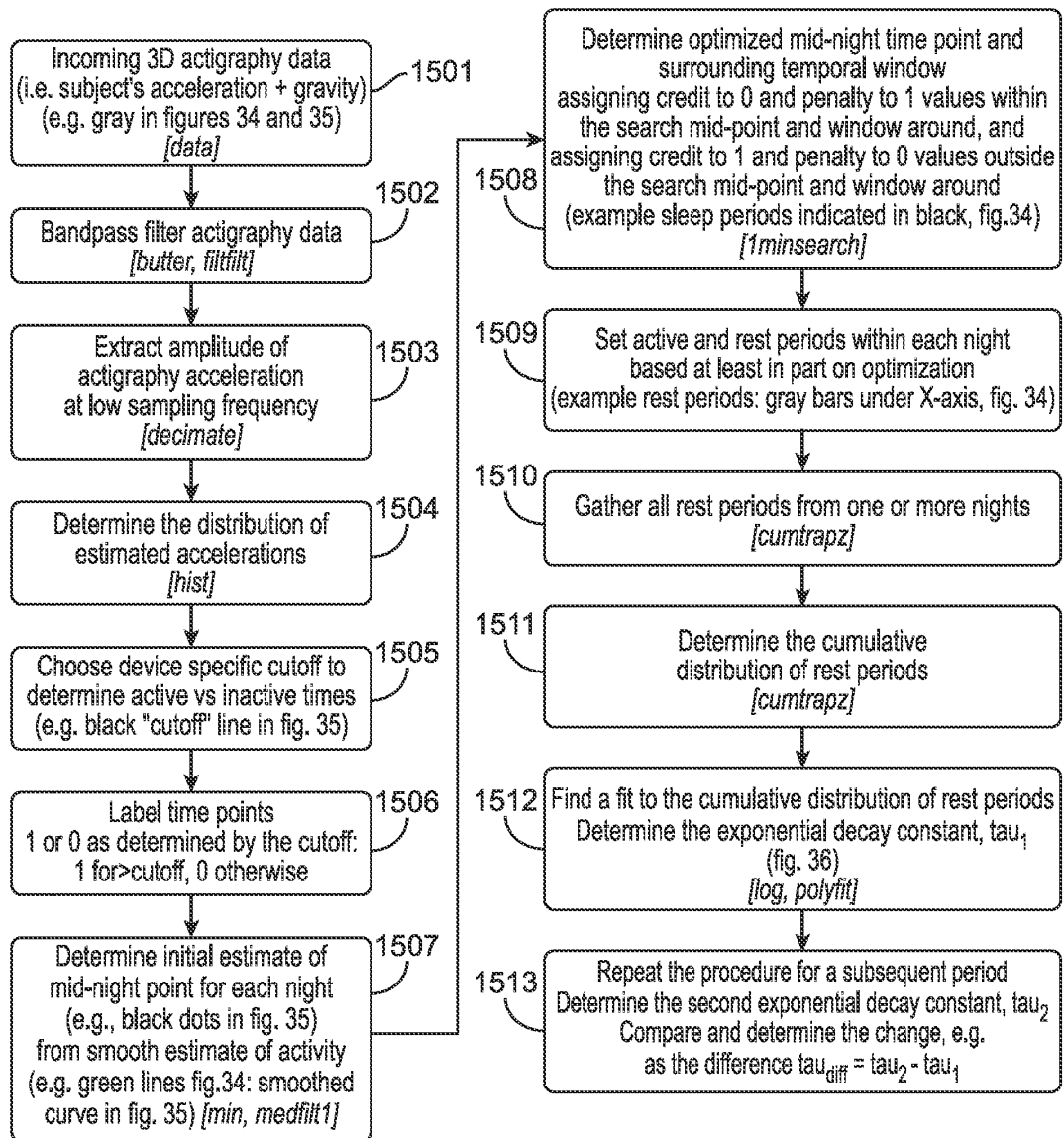


FIG. 37

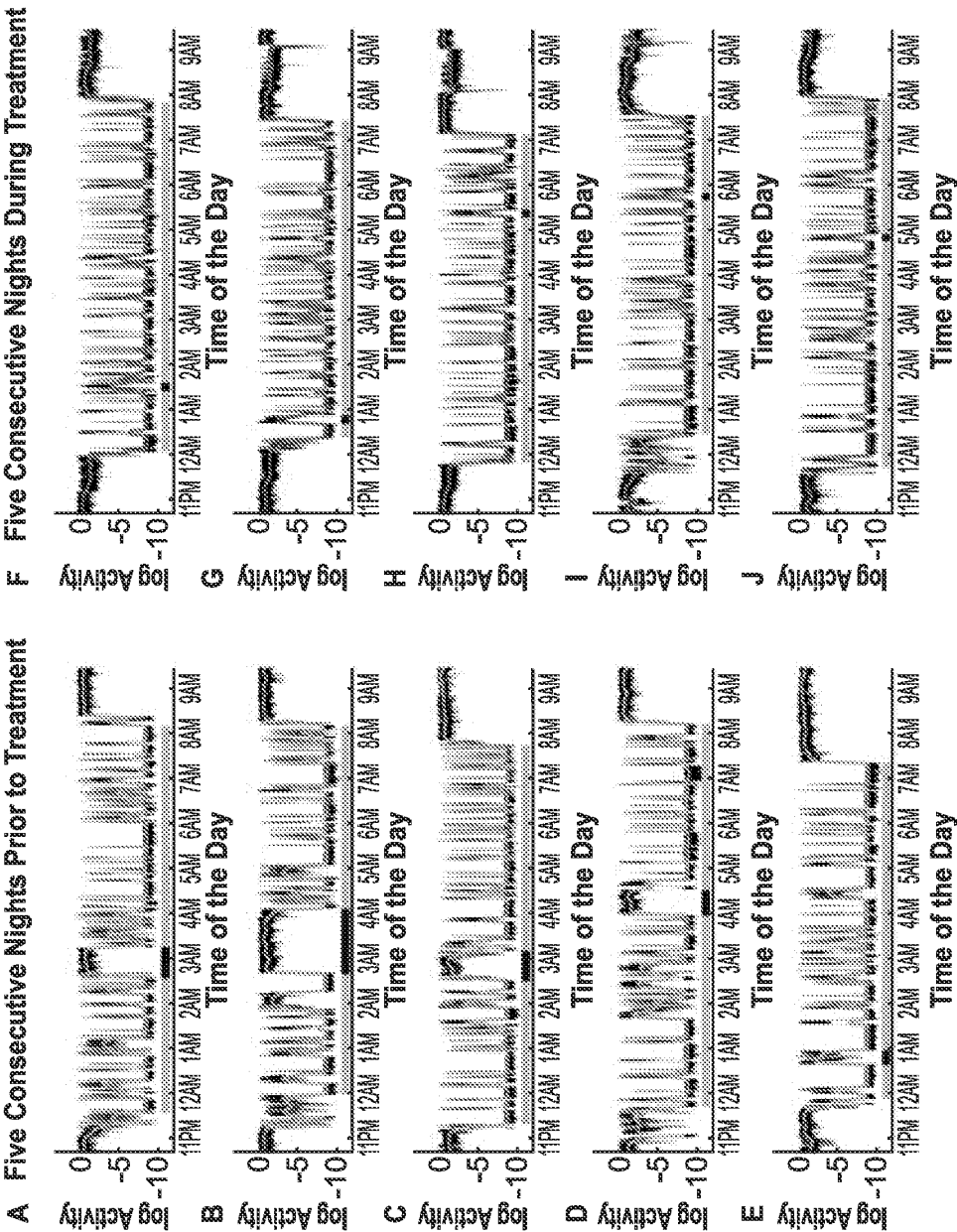


FIG. 38

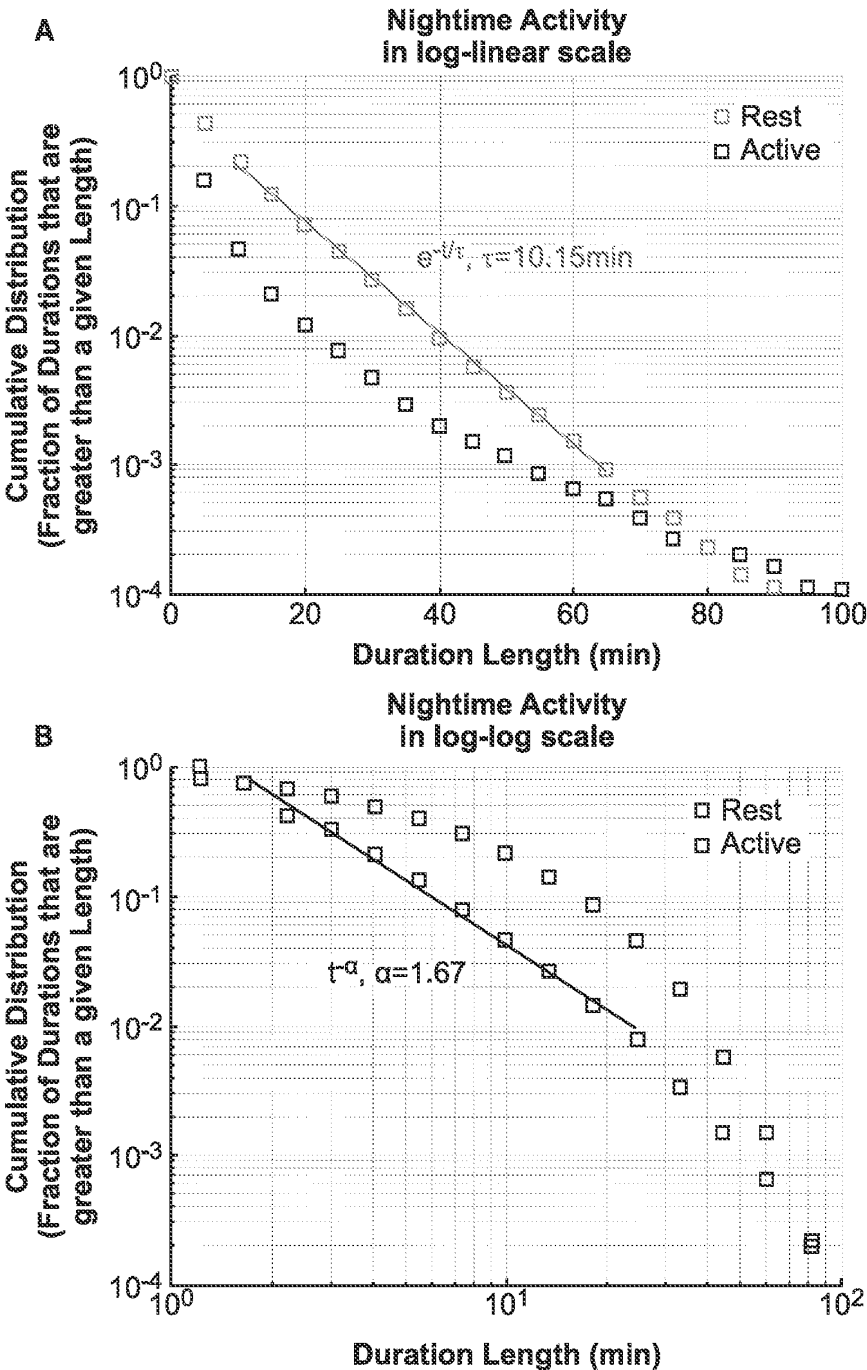


FIG. 39

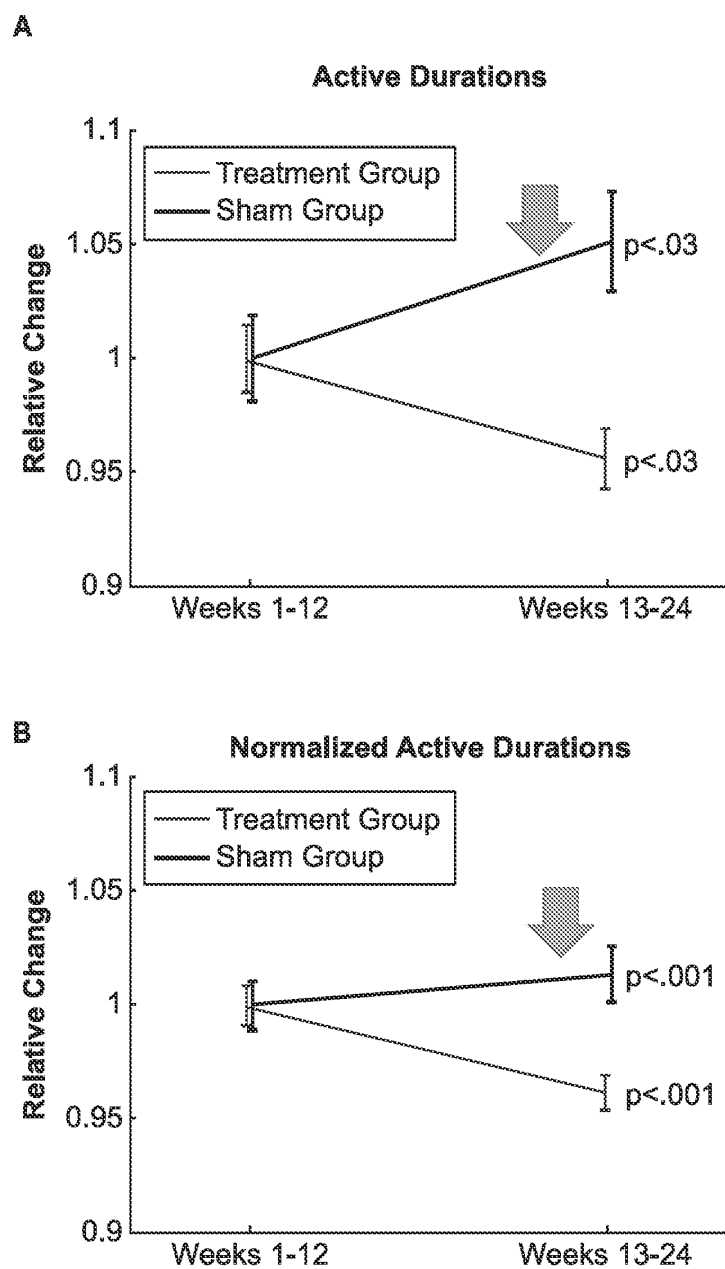


FIG. 40

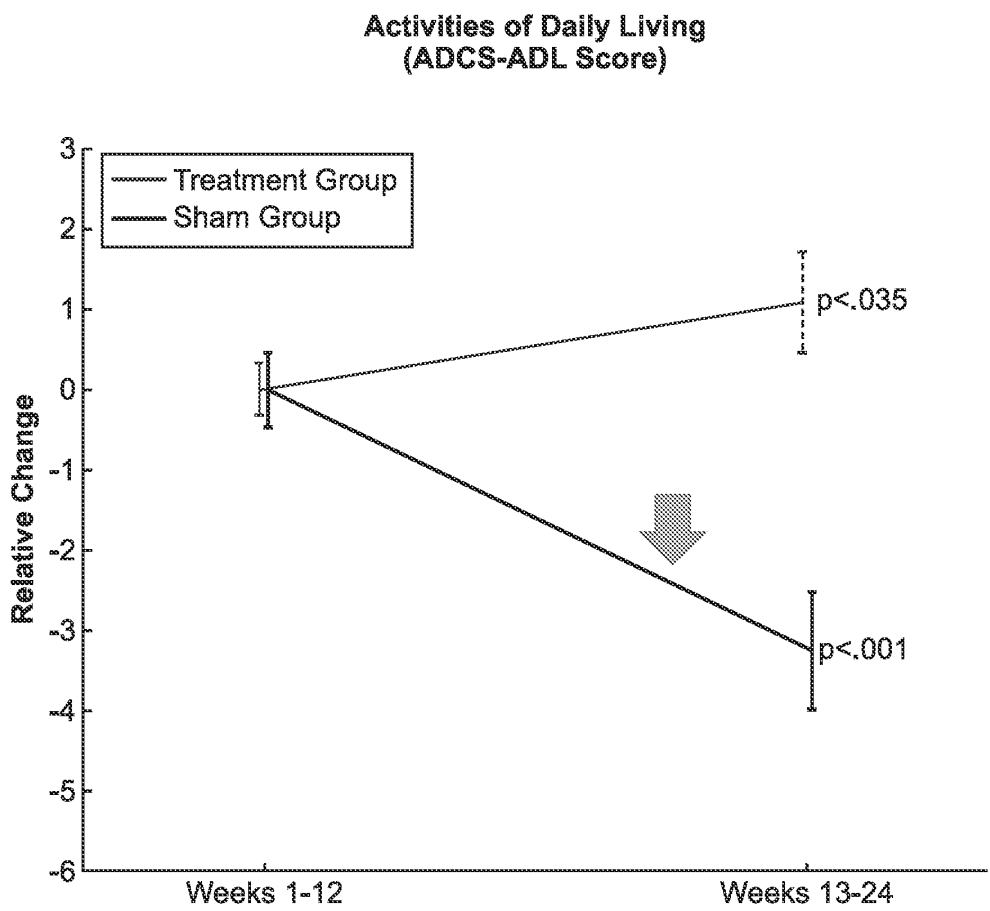


FIG. 41

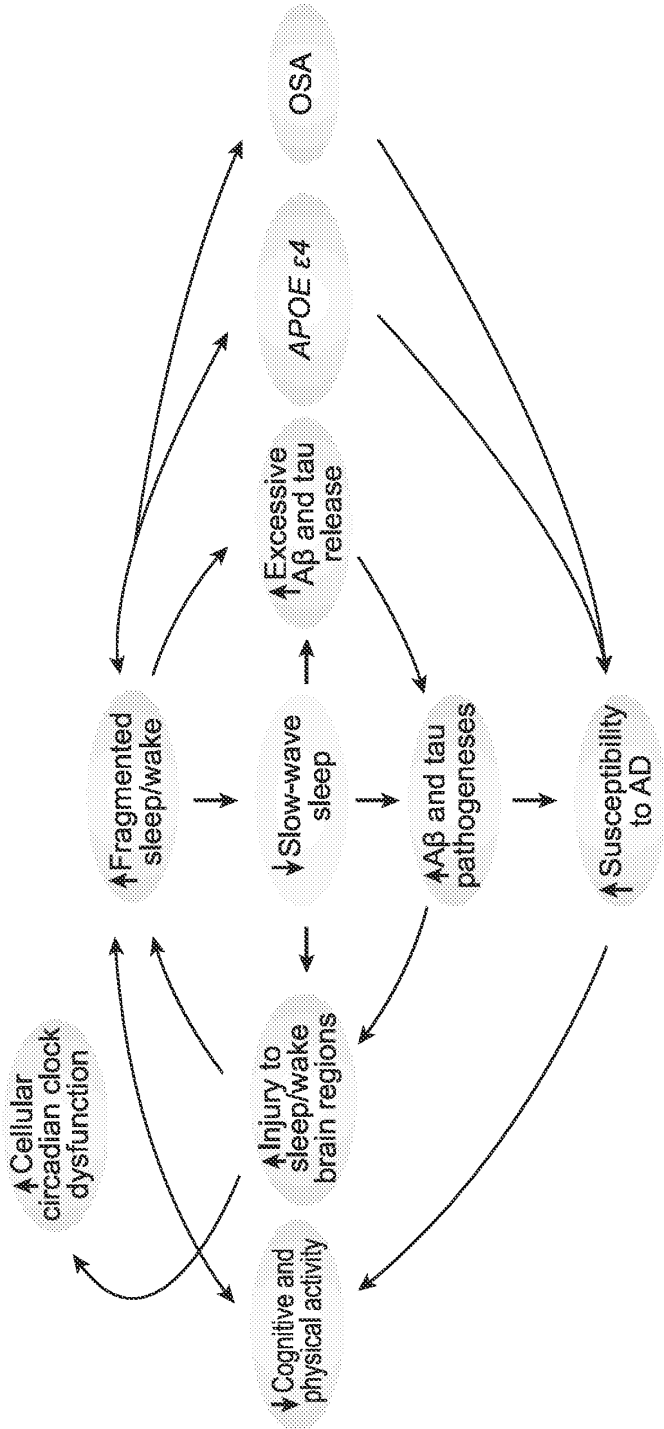


FIG. 42

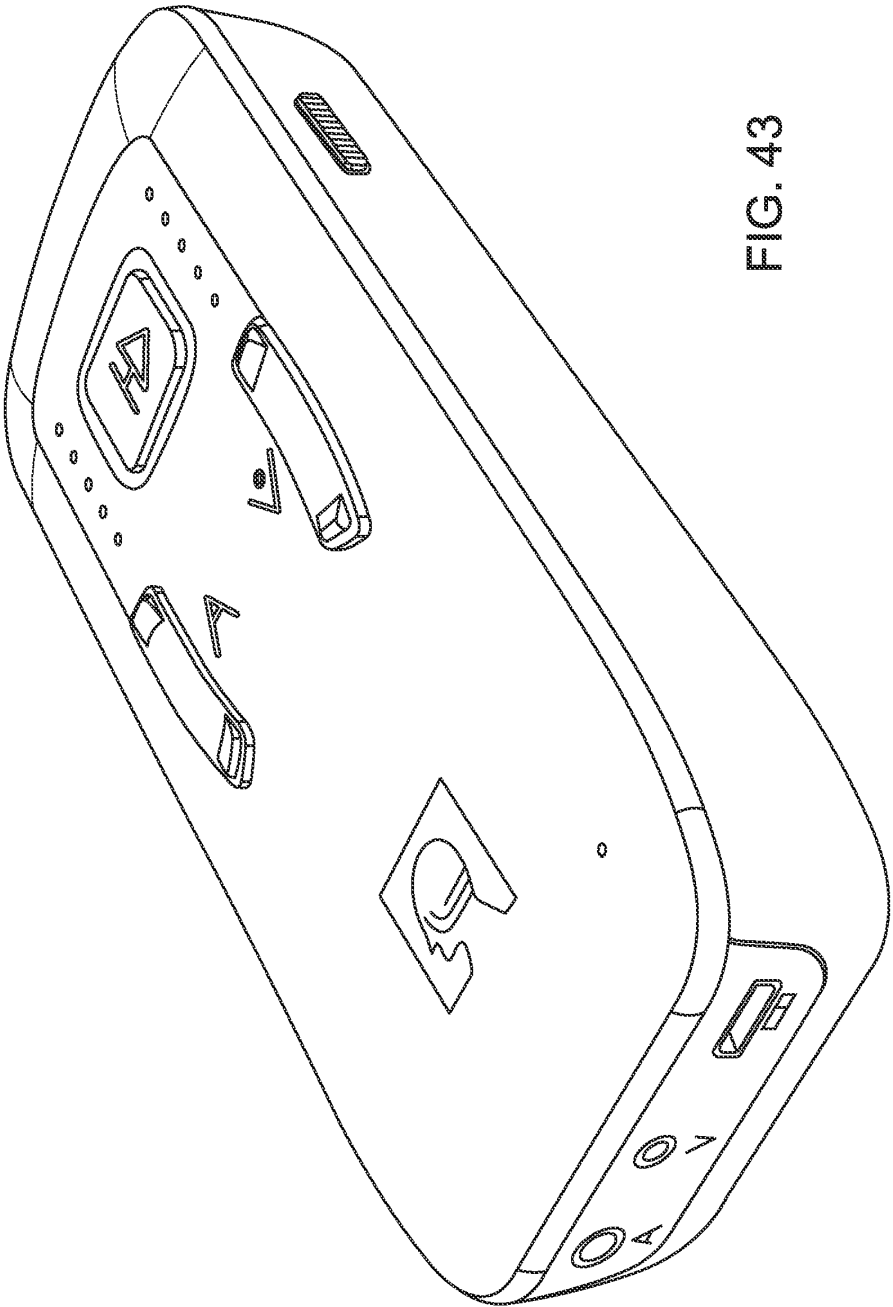
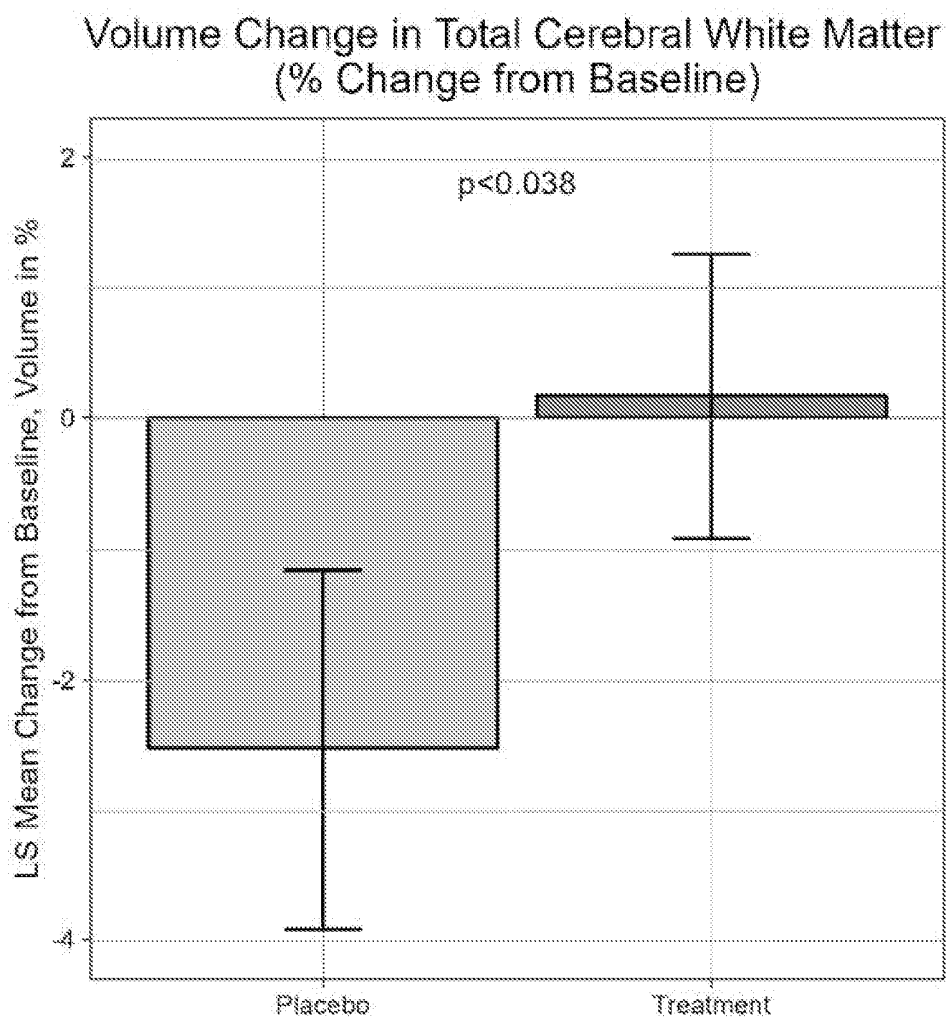
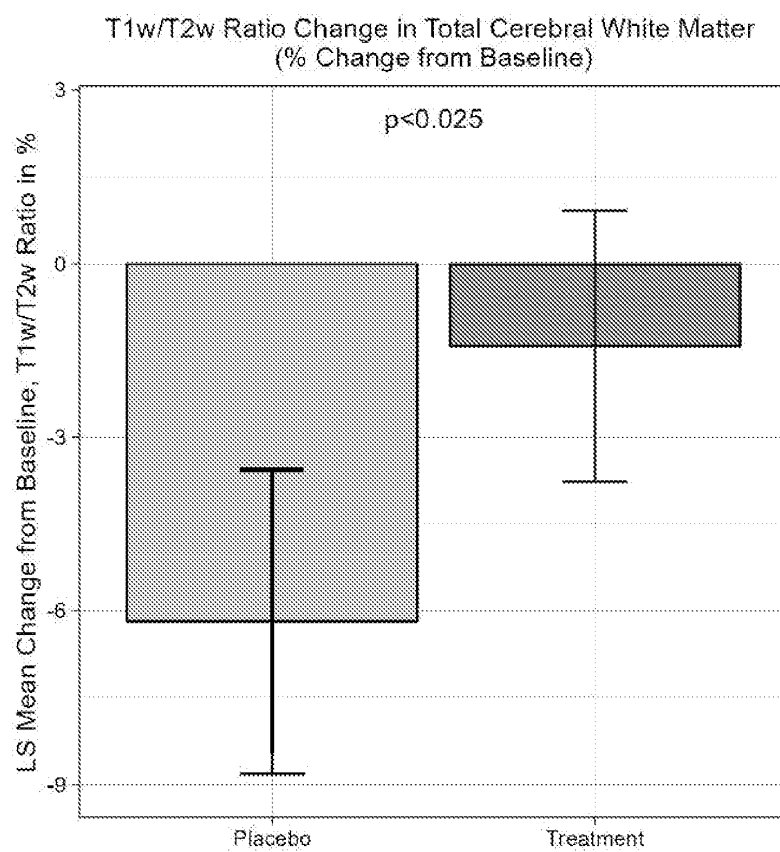


FIG. 43

**FIG. 44**

**FIG. 45**

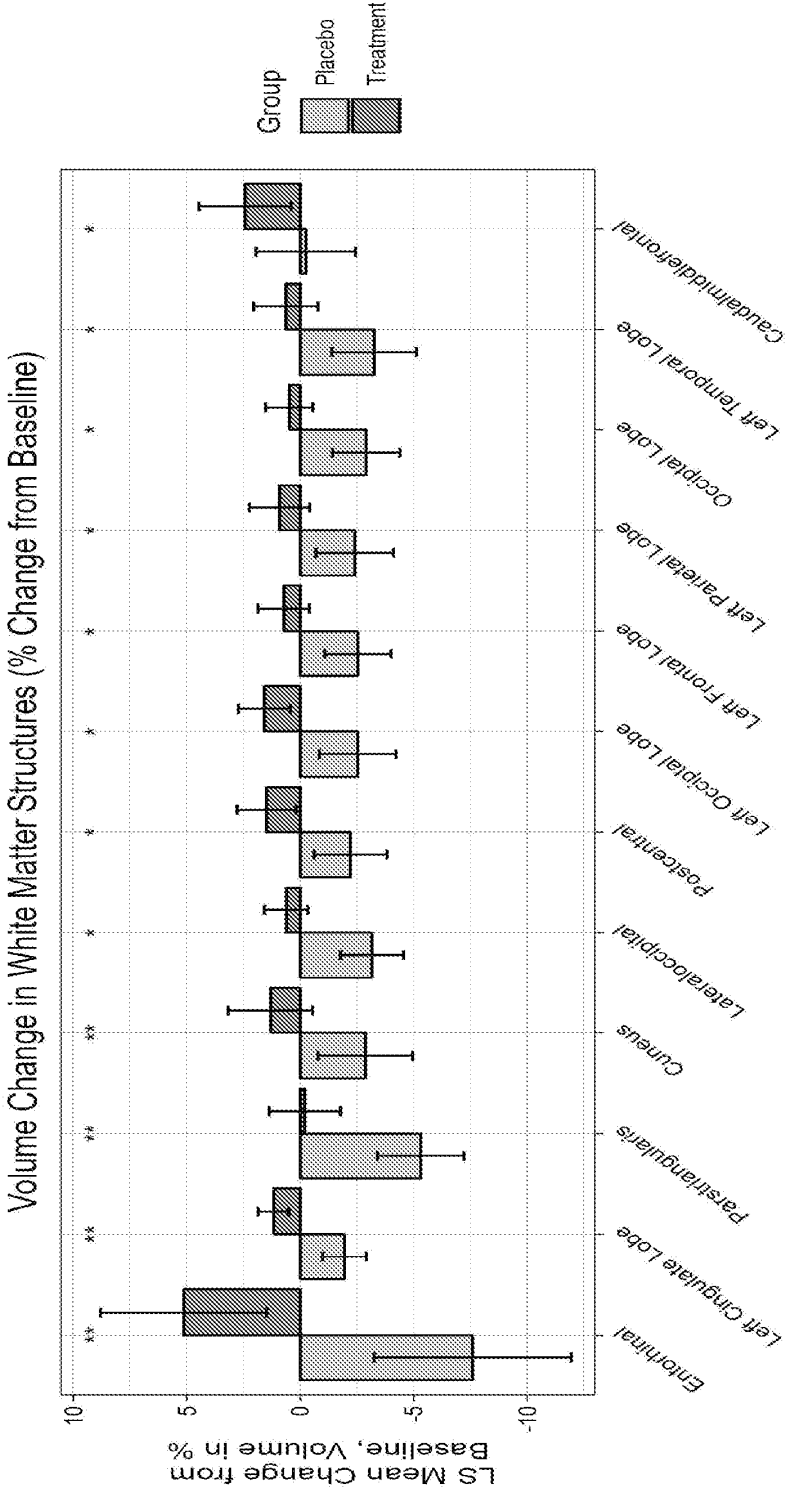


FIG. 46A

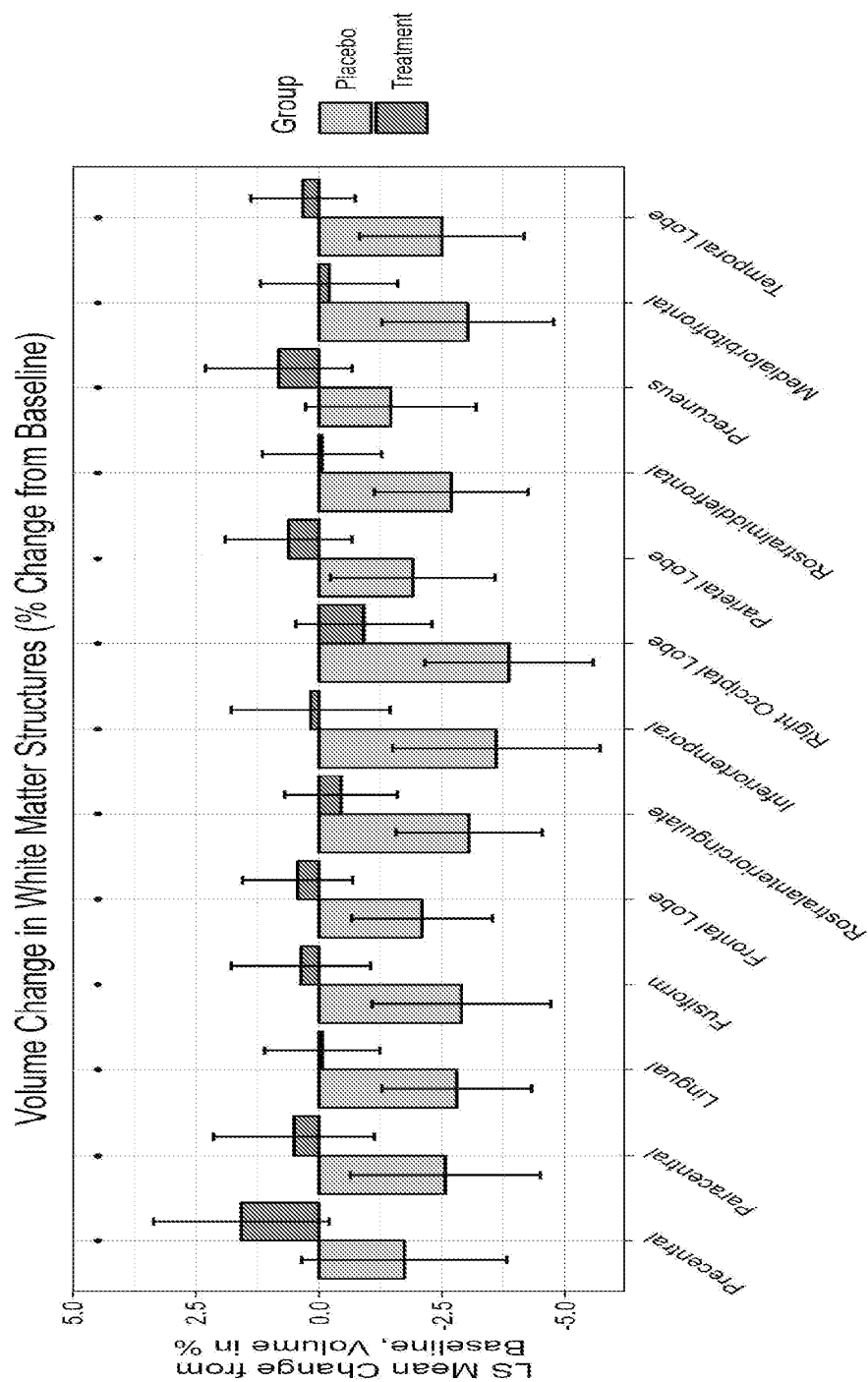


FIG. 46B

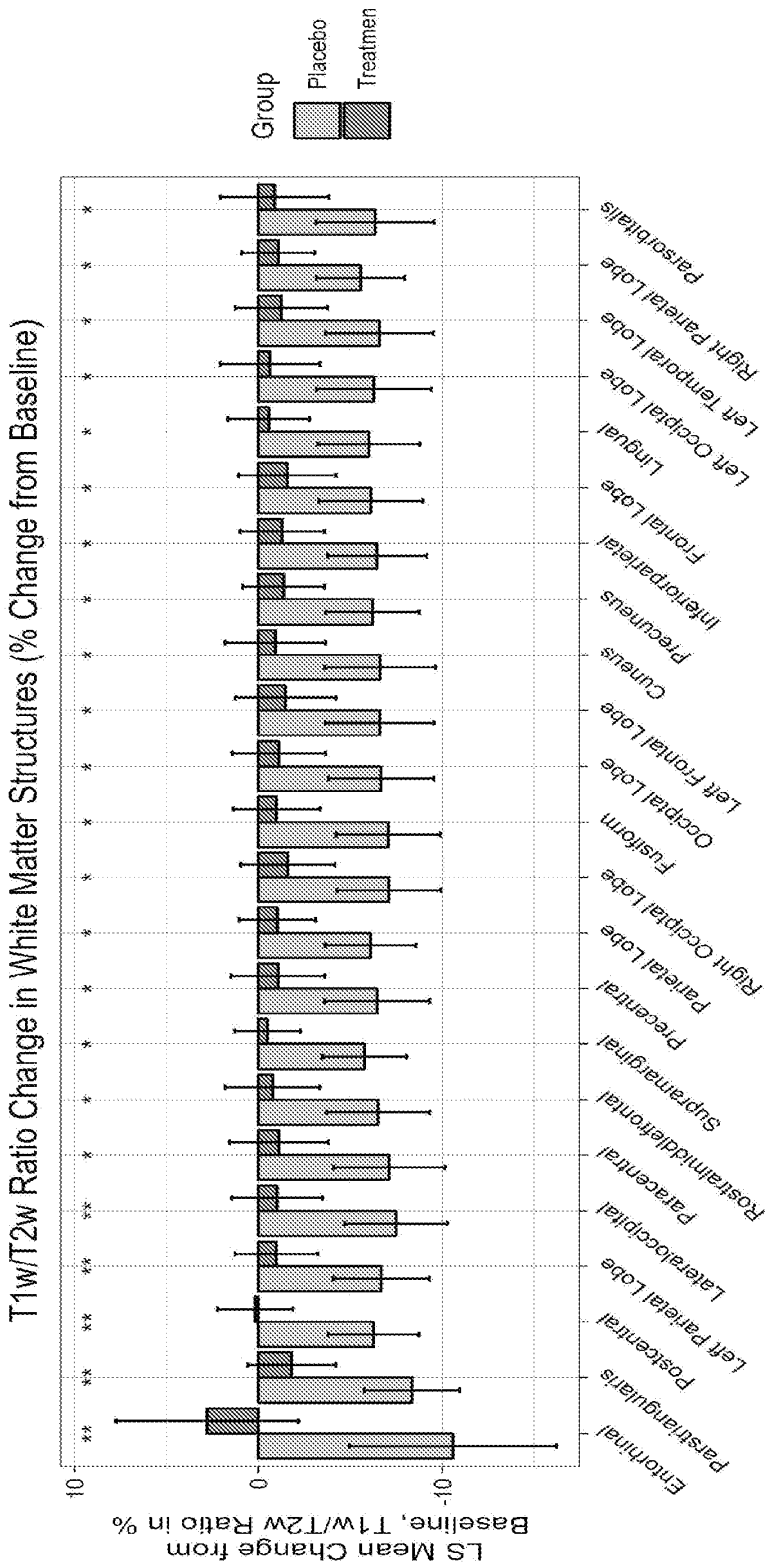


FIG. 47A

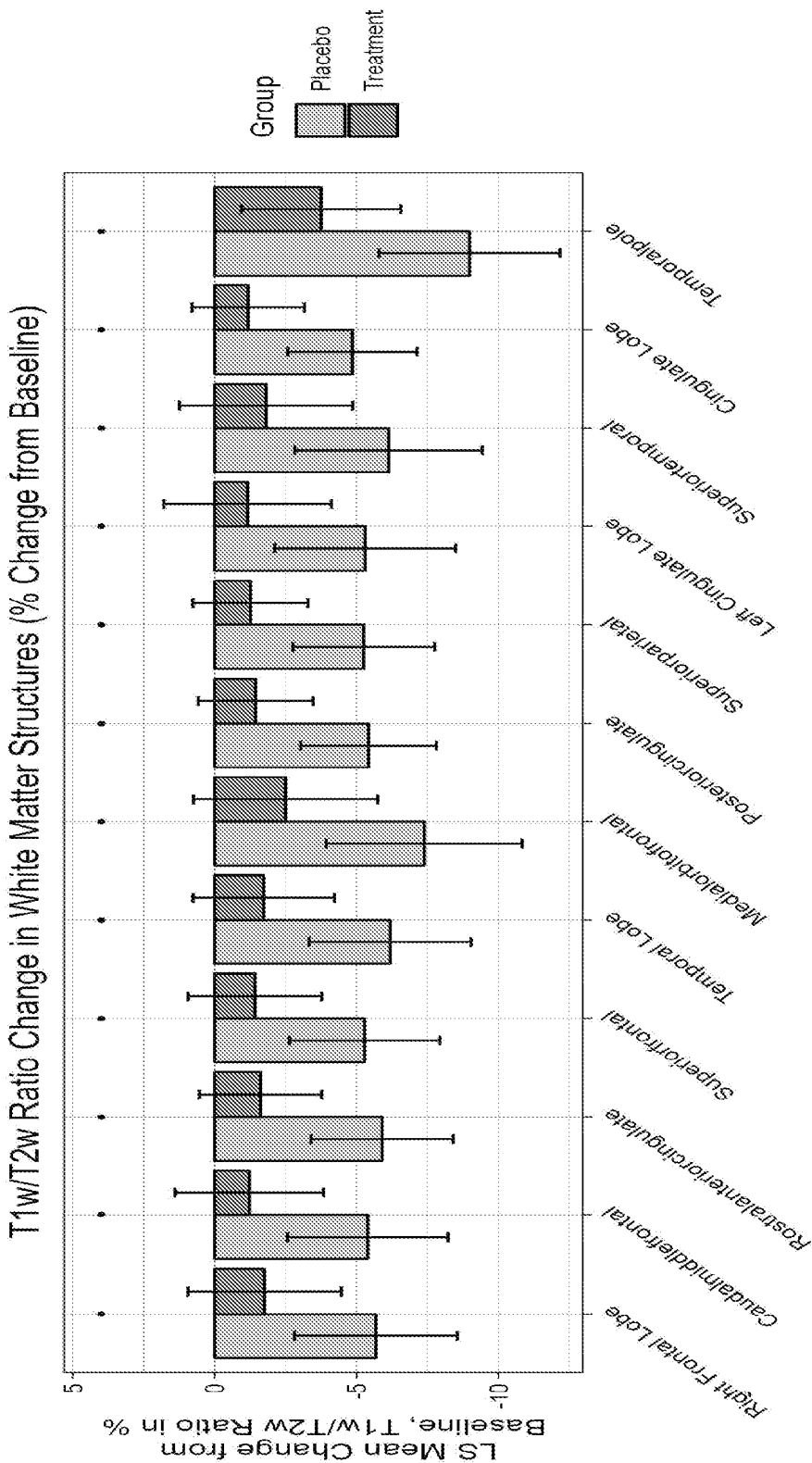


FIG. 47B

2600

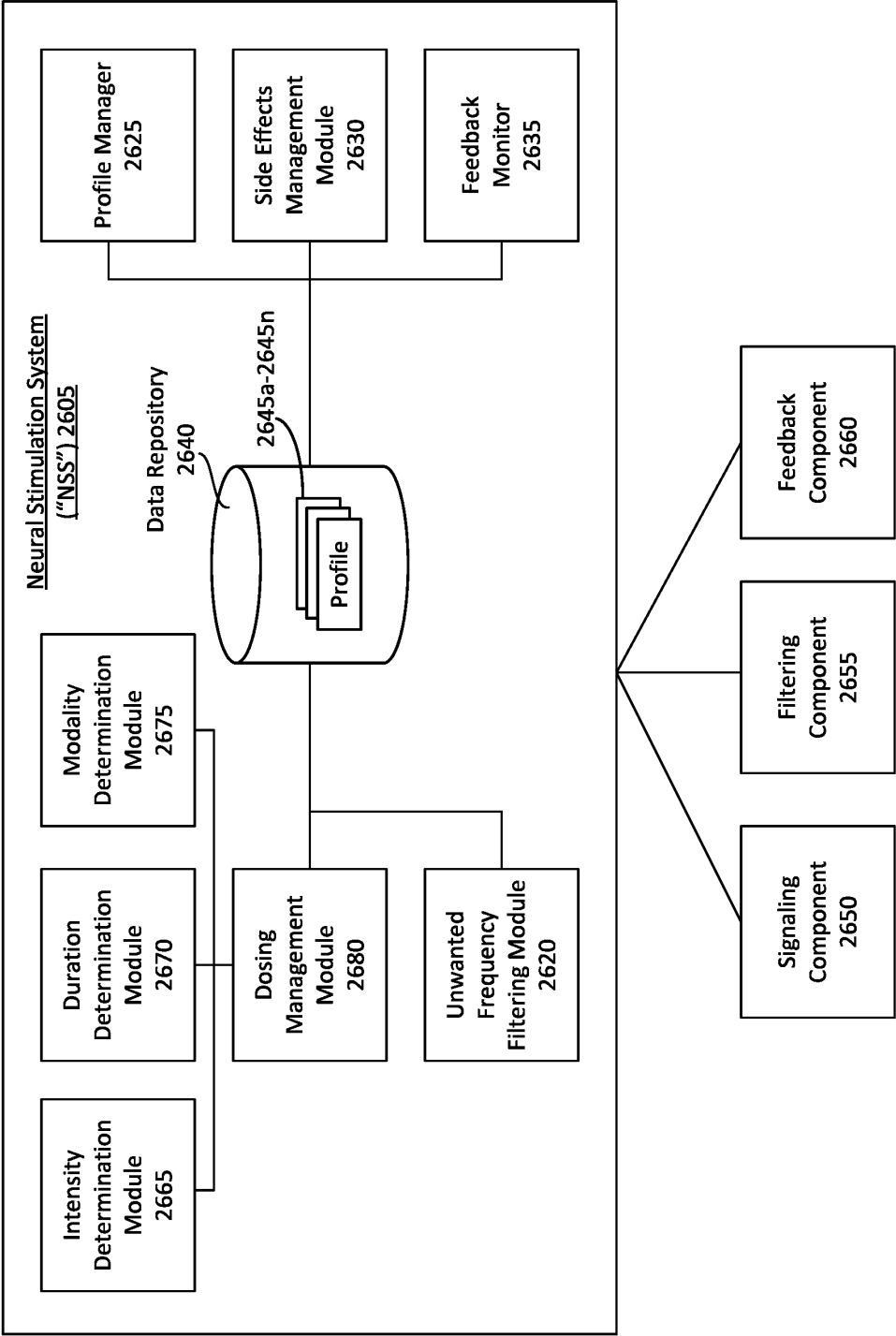


FIG. 48

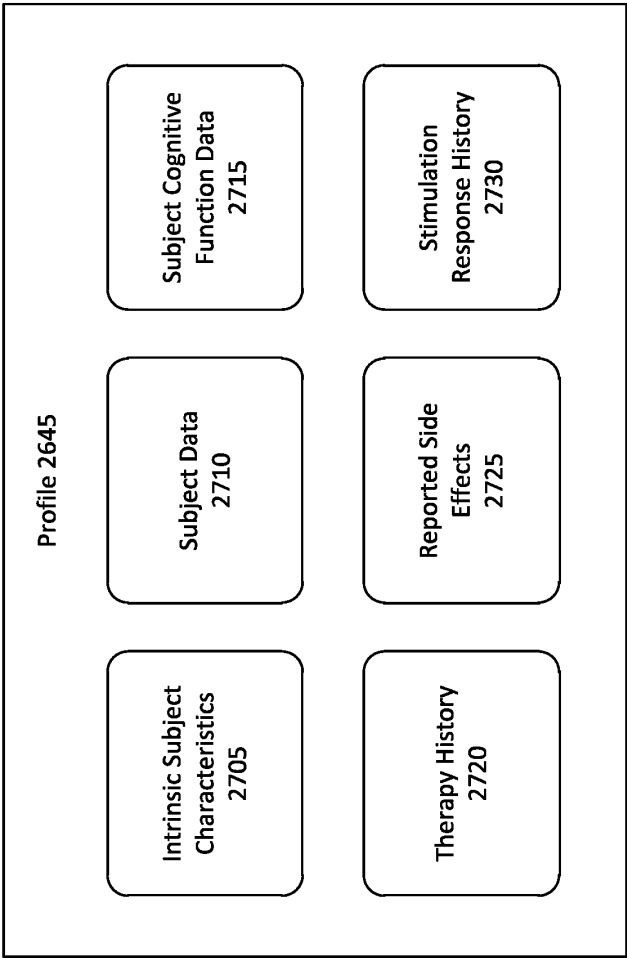


FIG. 49

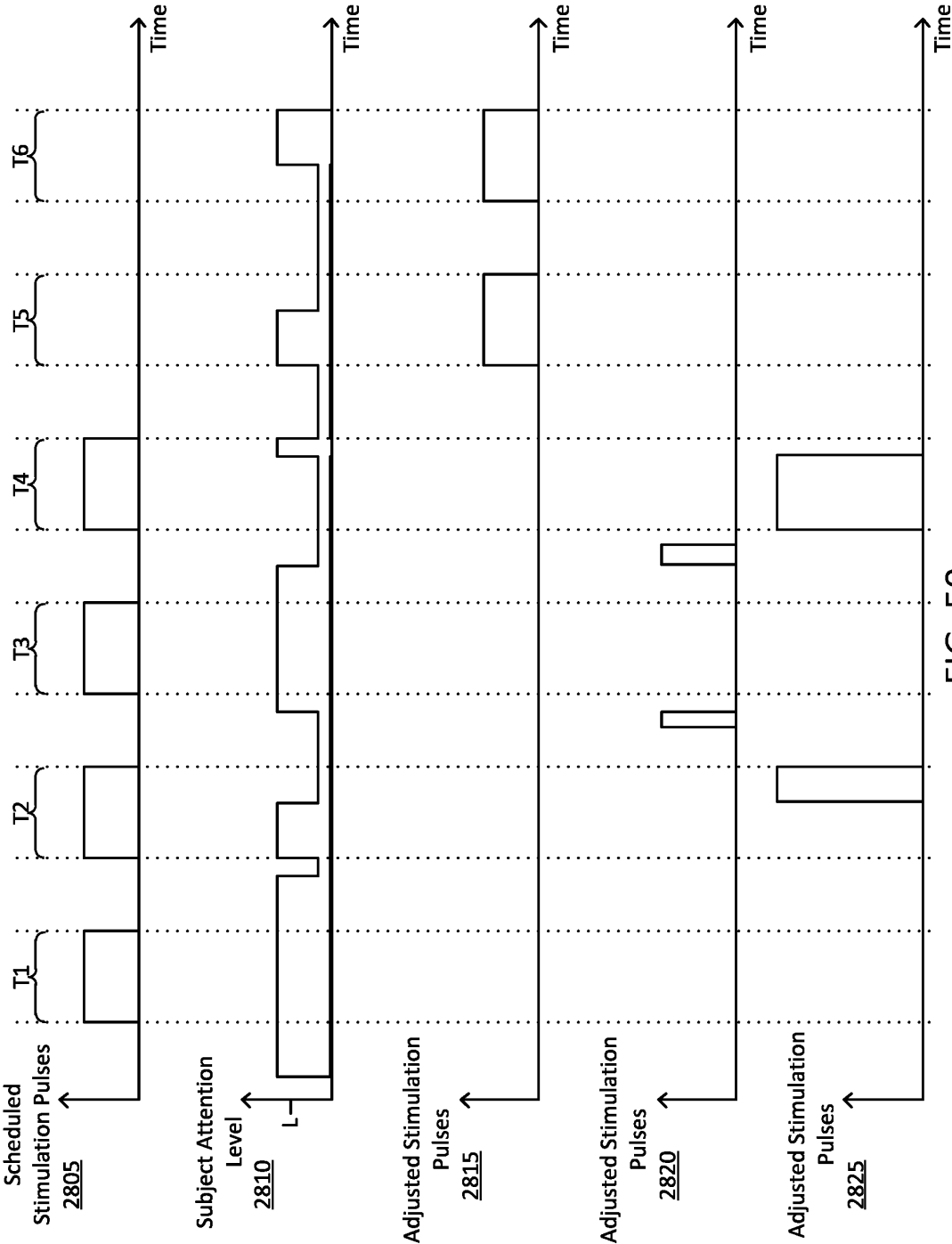


FIG. 50

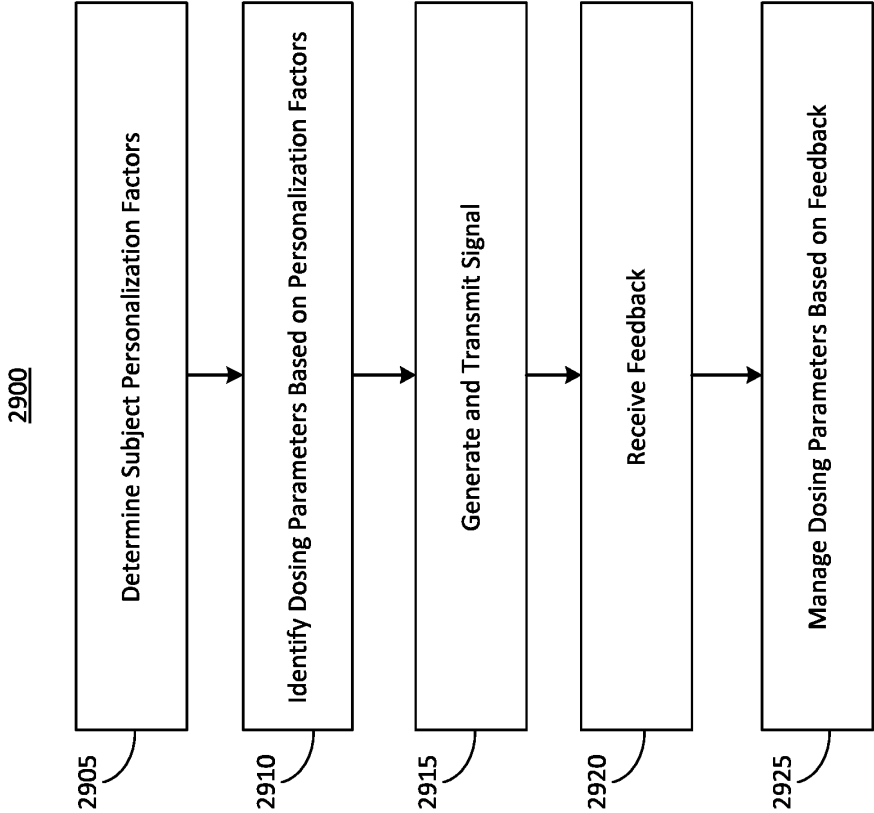


FIG. 51A

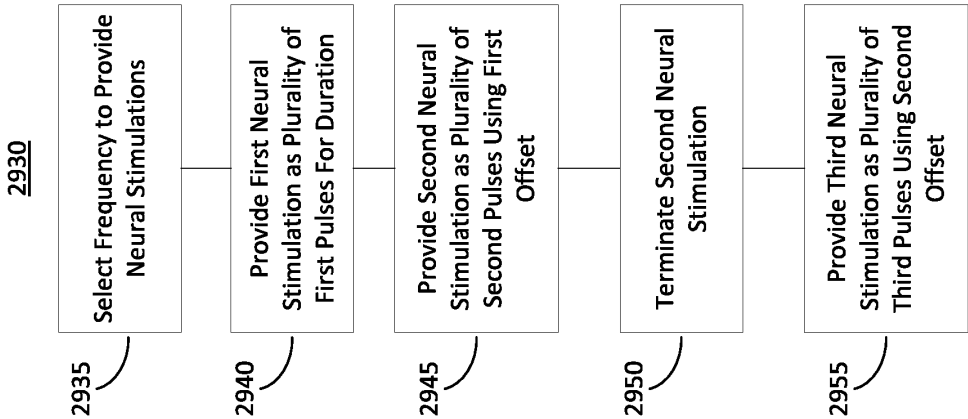


FIG. 51B

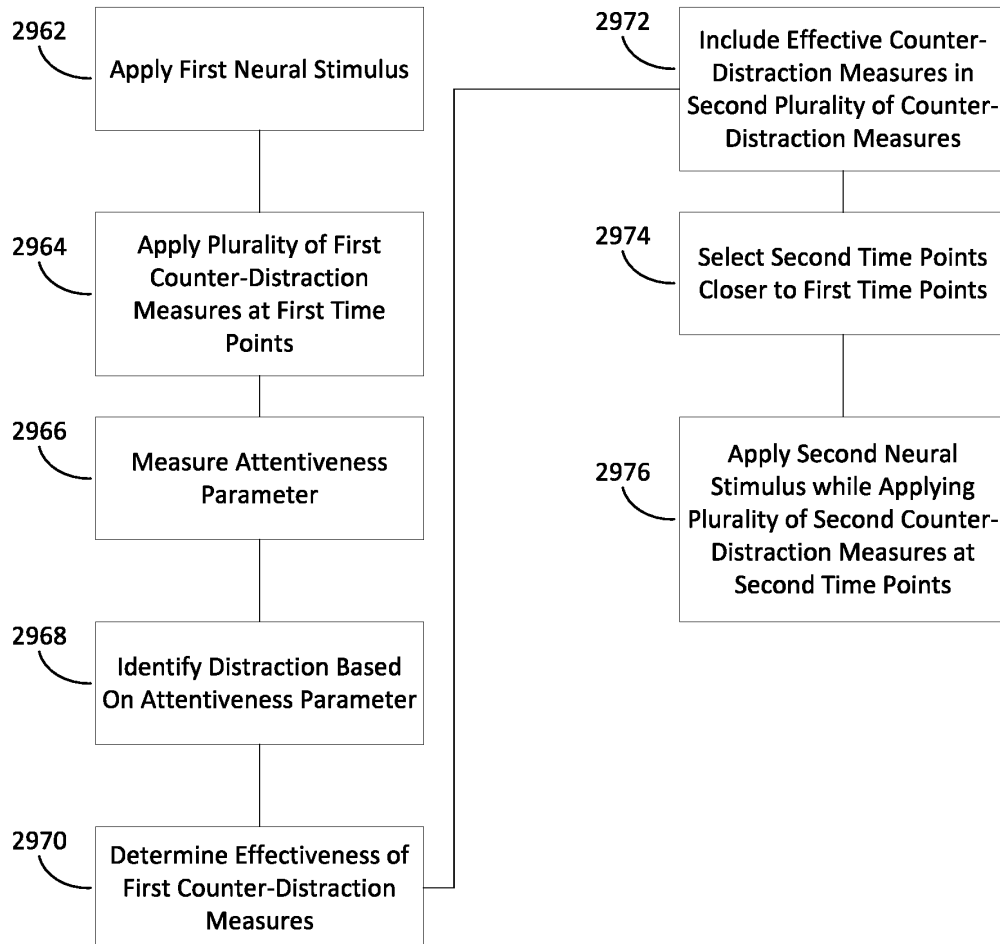
2960

FIG. 51C

3100

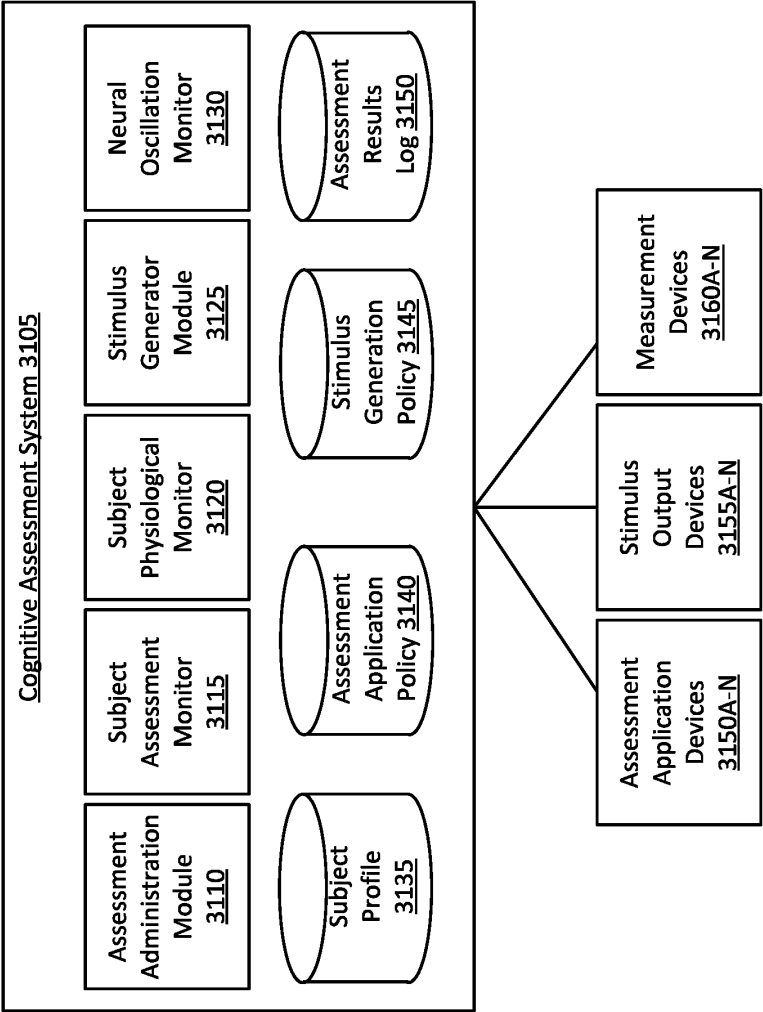


FIG. 52

3200

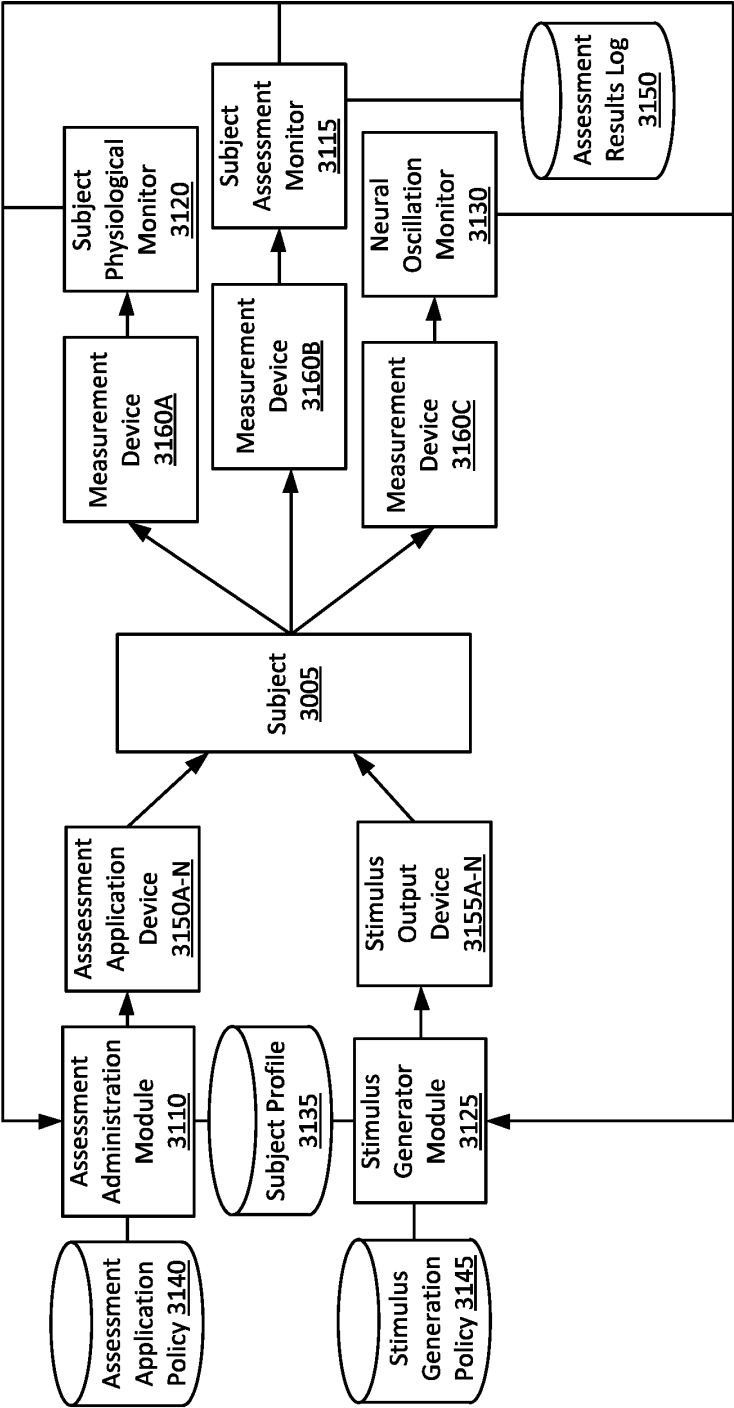


FIG. 53

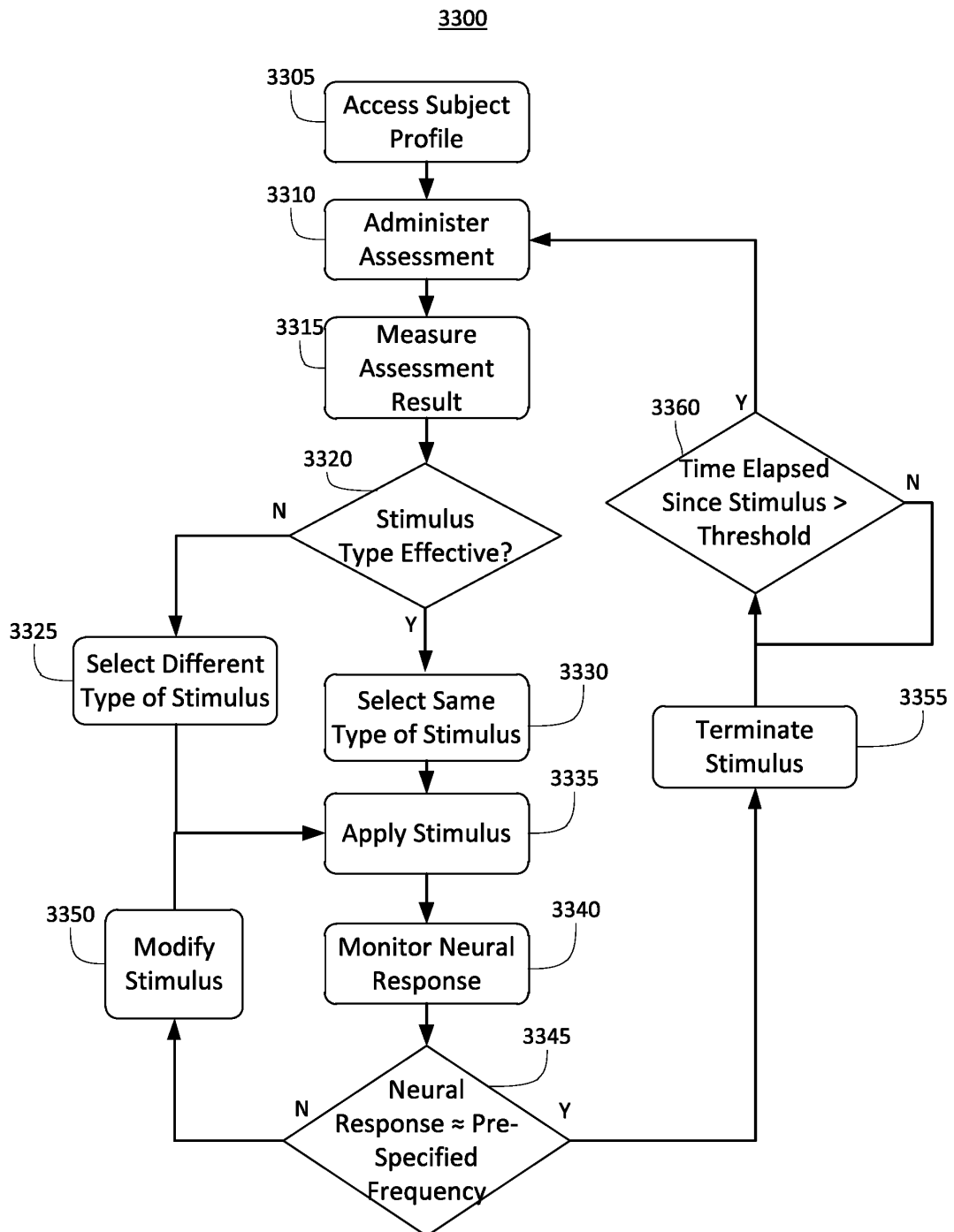


FIG. 54

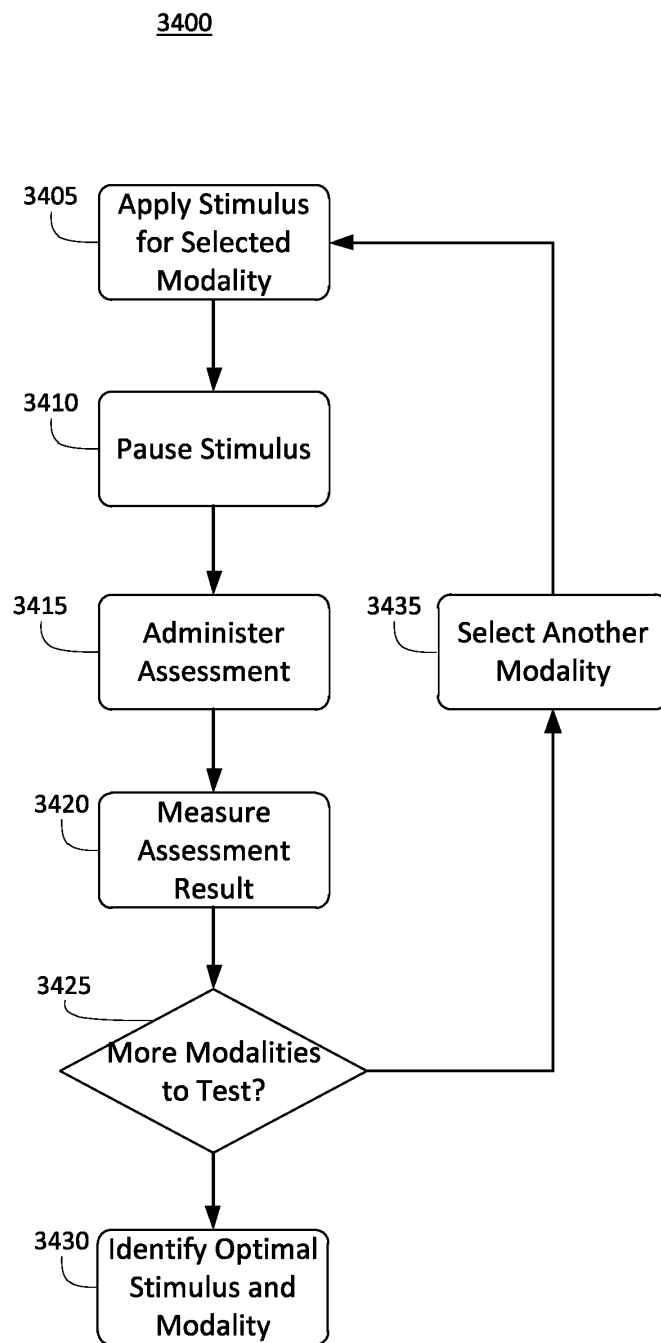


FIG. 55

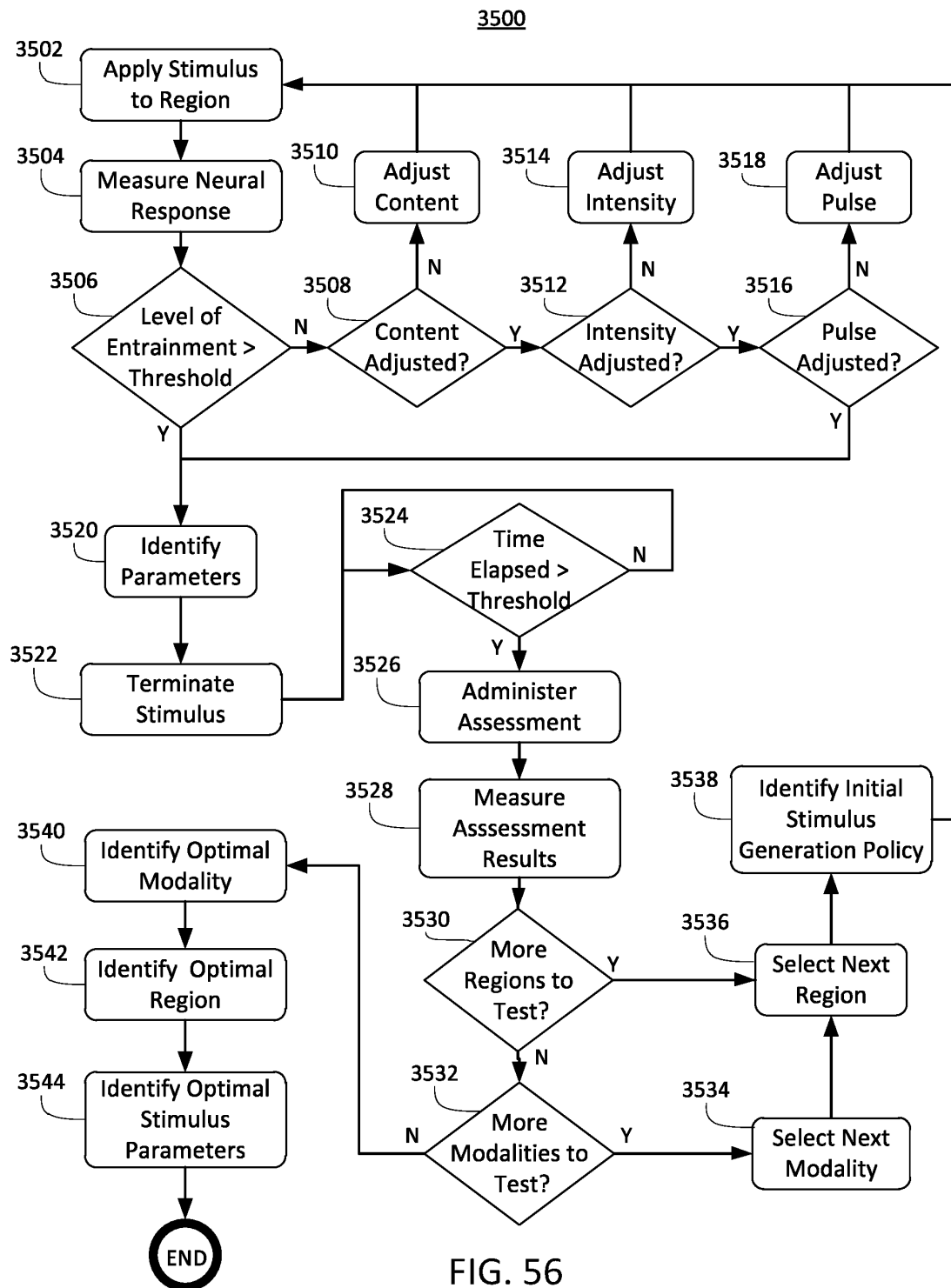


FIG. 56

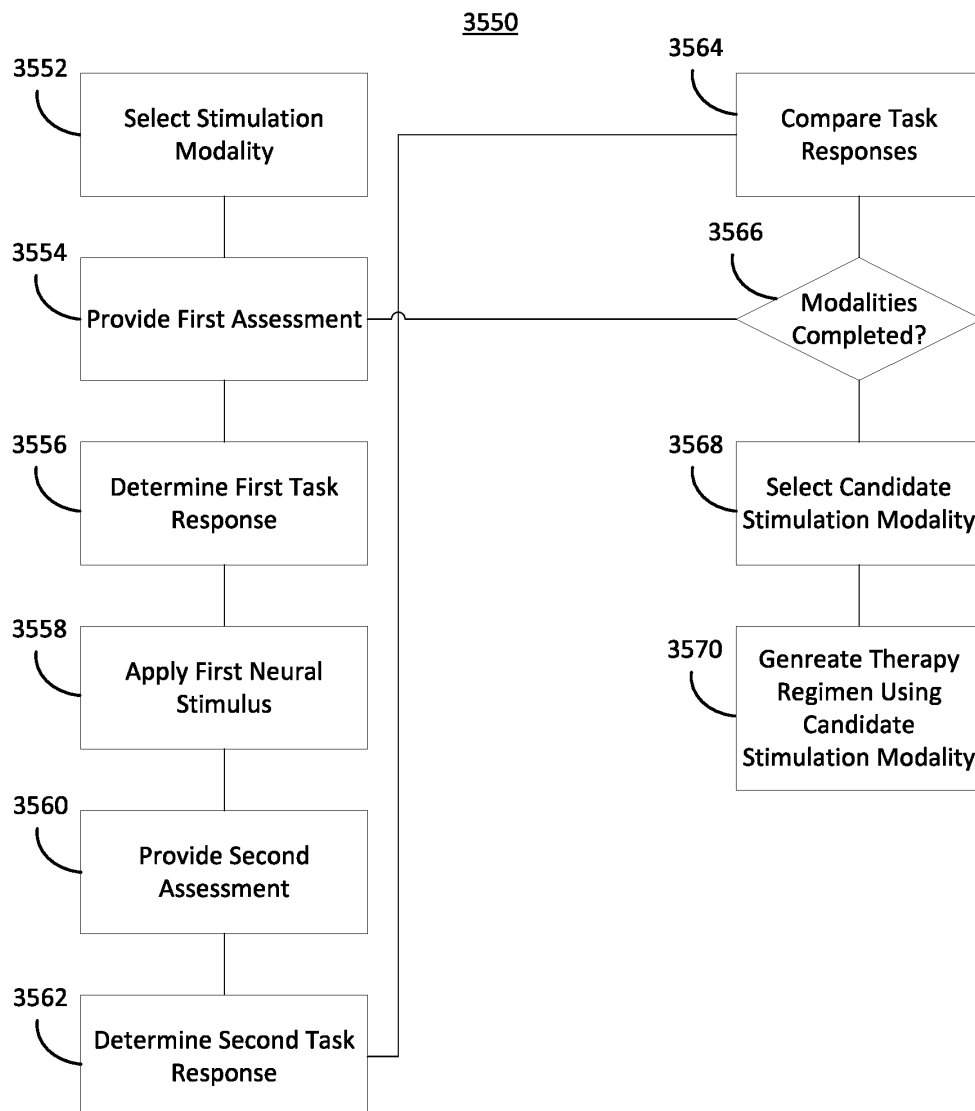


FIG. 57

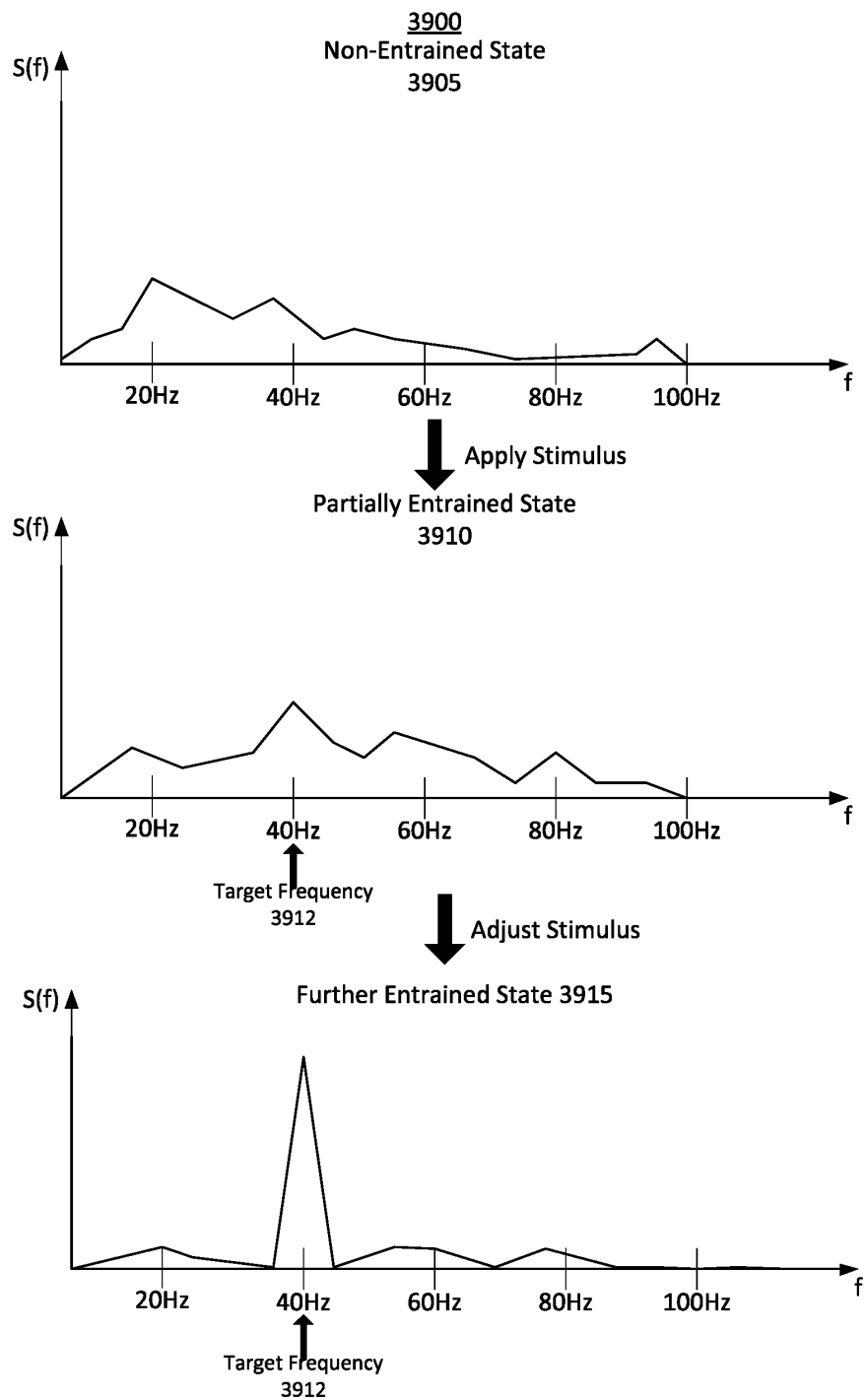


FIG. 58

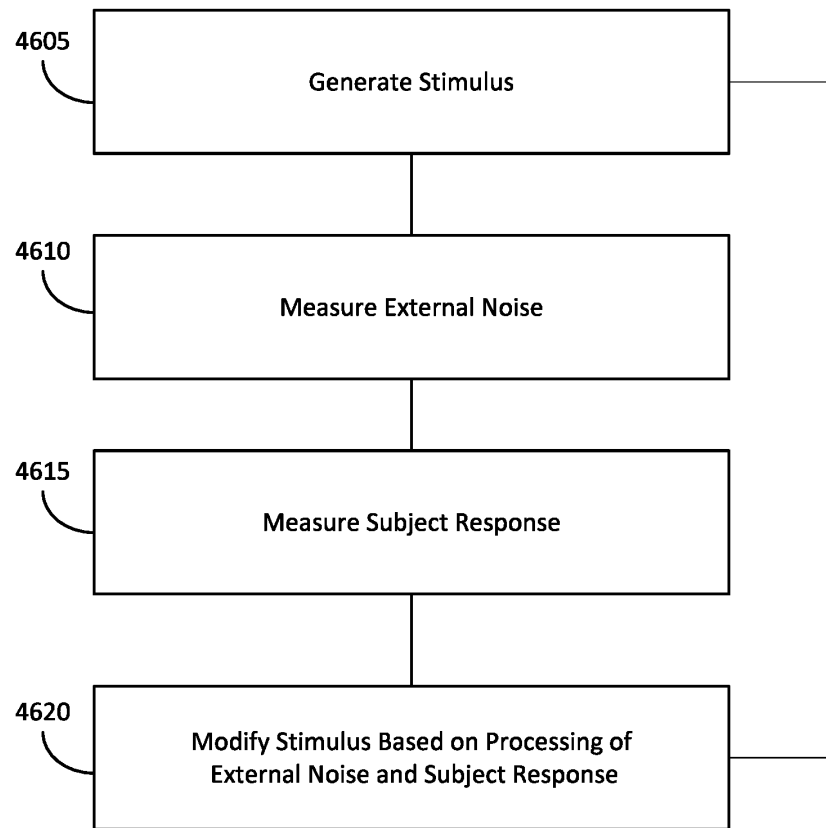


FIG. 59

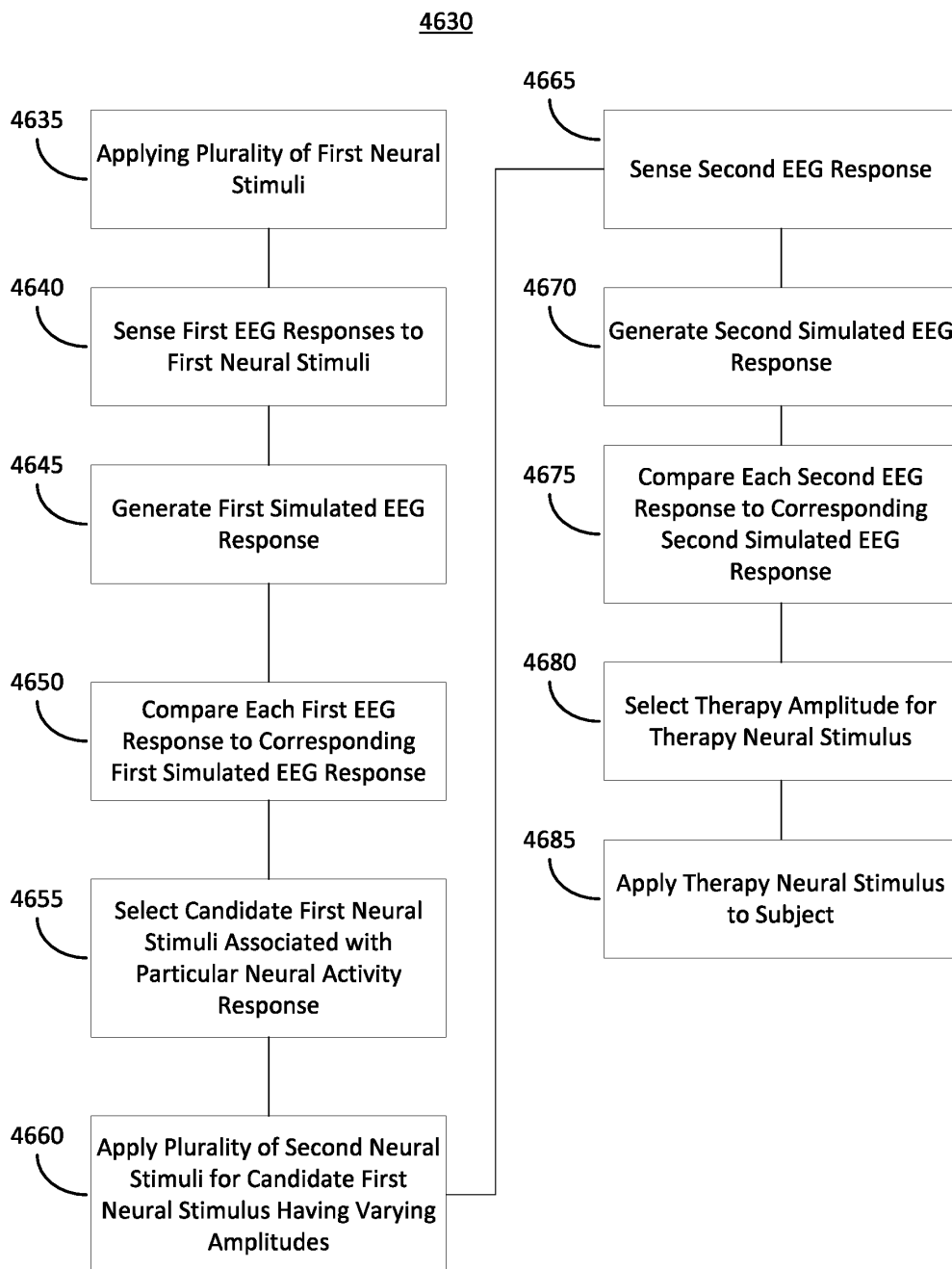


FIG. 60

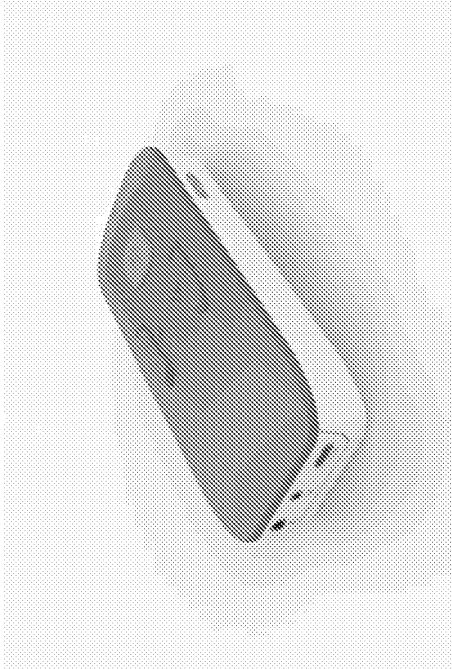


FIG. 62

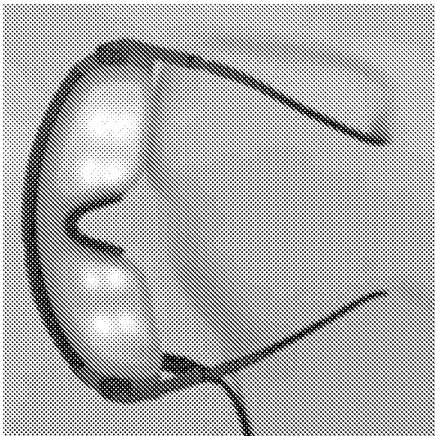
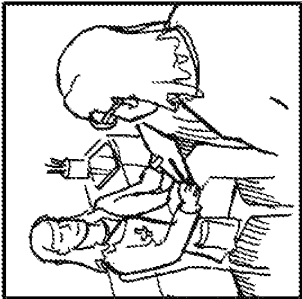
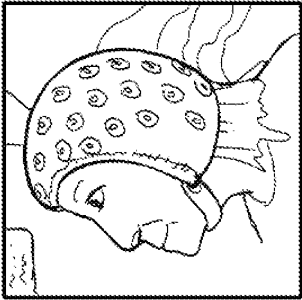


FIG. 61



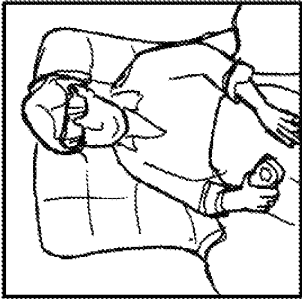
Prescribe

Patient prescribed at-home therapy in the clinic



Personalize

Baseline EEG test performed to confirm patient's therapeutic response and set personalized stimulation parameters



Daily Home Use

Patient performs daily therapy at home with adherence monitored and patient supported as needed

FIG. 63



FIG. 64



FIG. 65

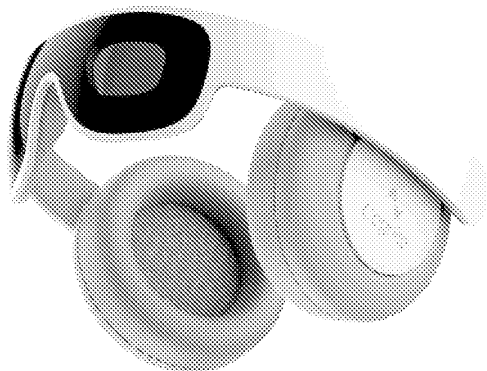


FIG. 66

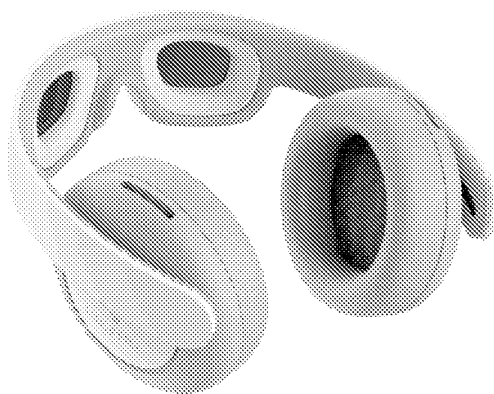


FIG. 67

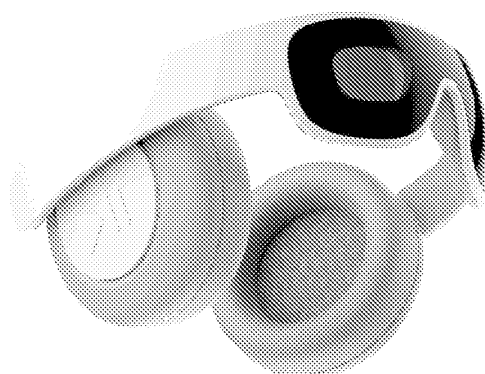


FIG. 68

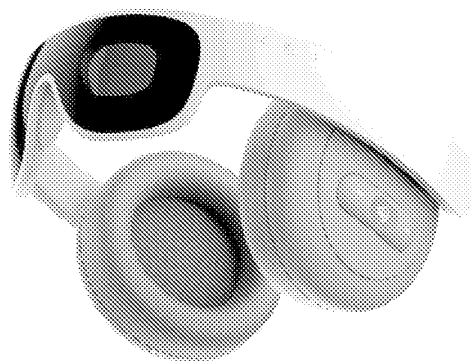


FIG. 69

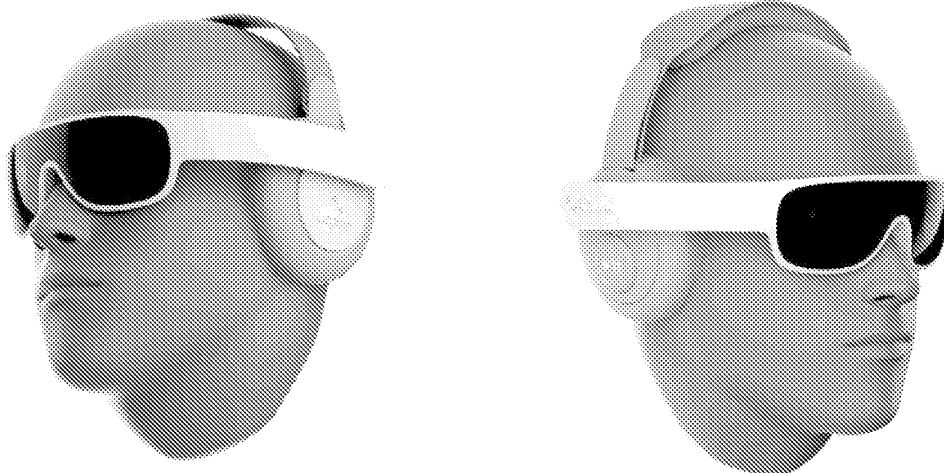


FIG. 70

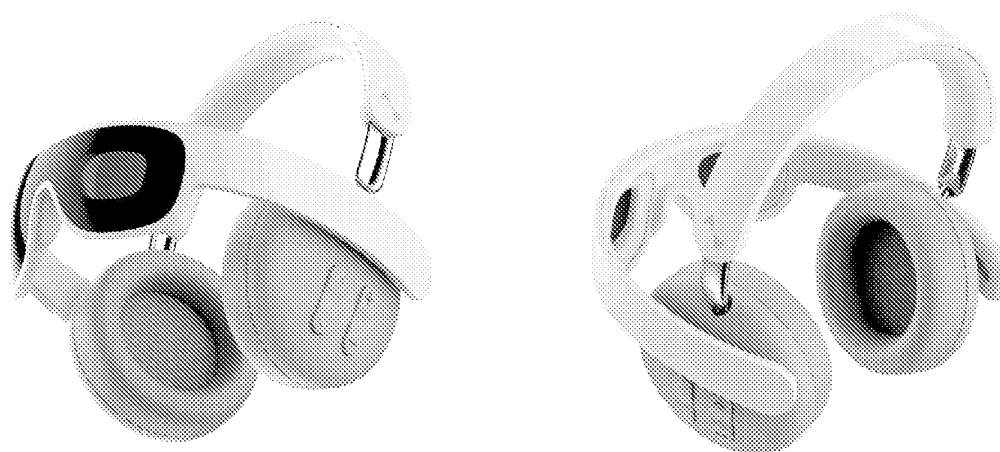


FIG. 71

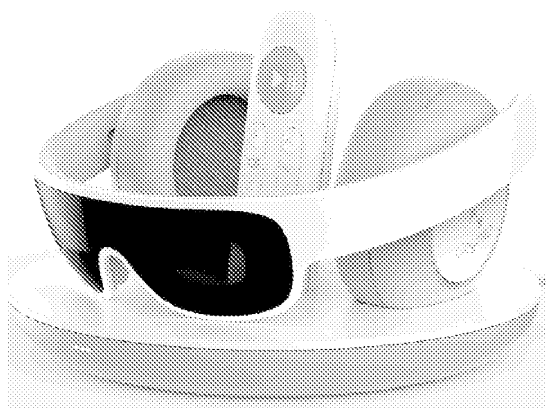


FIG. 72



FIG. 73

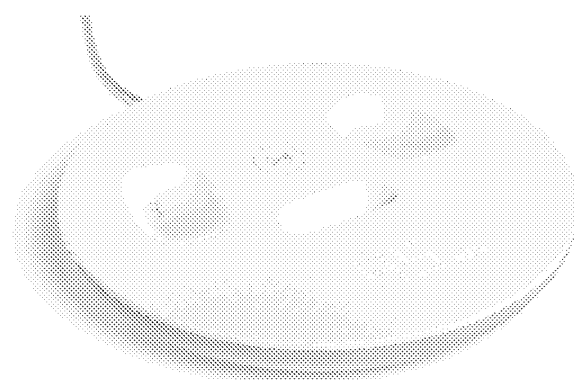


FIG. 74

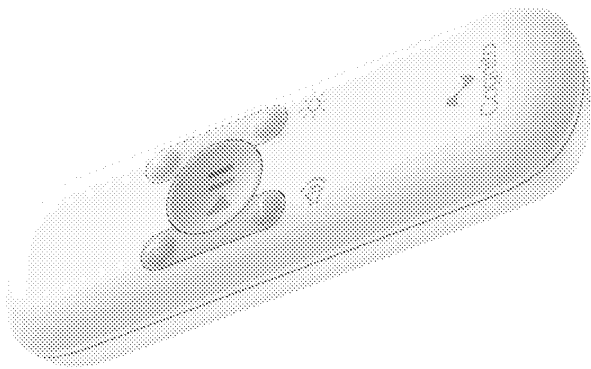


FIG. 75D

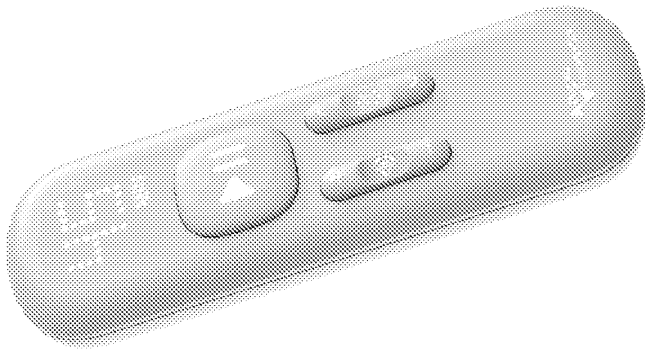


FIG. 75C

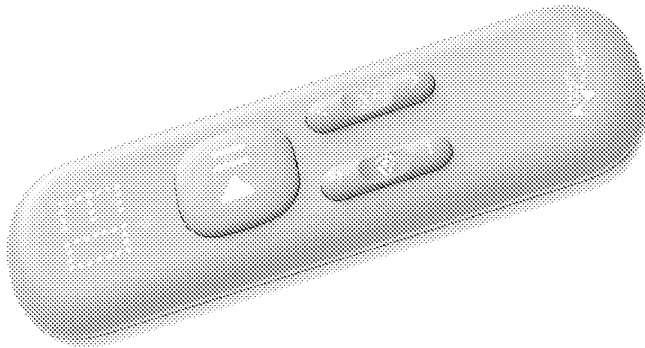


FIG. 75B

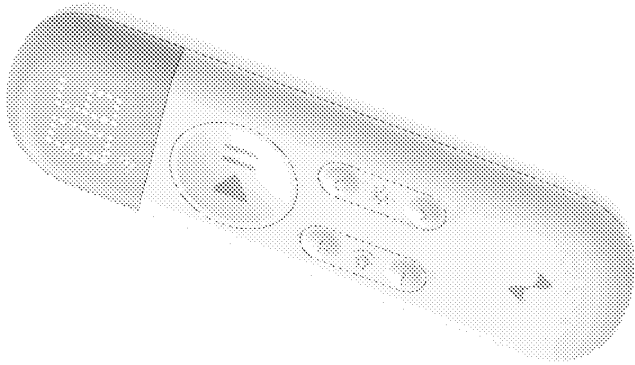


FIG. 75A



FIG. 76



FIG. 77

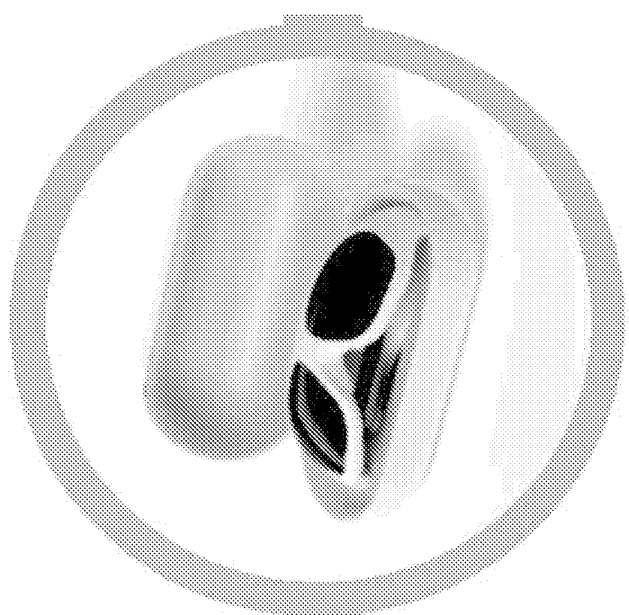


FIG. 78

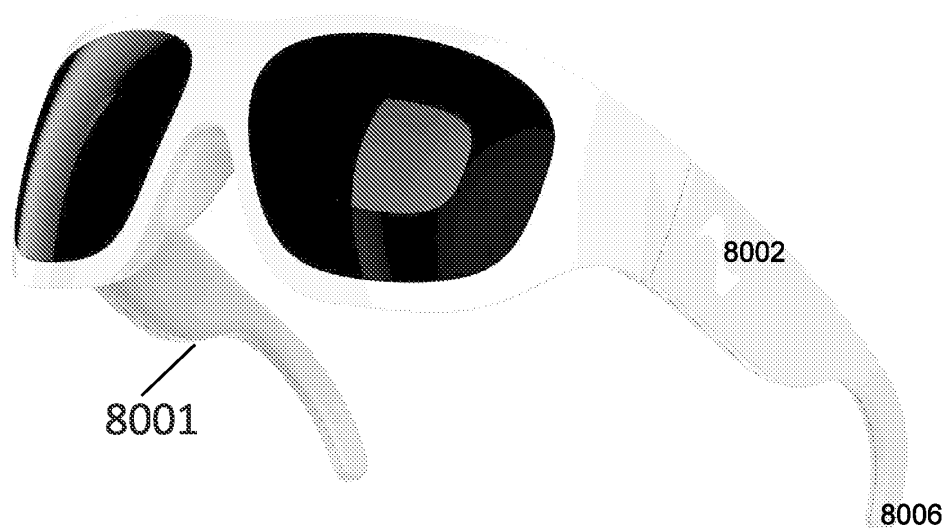


FIG. 79

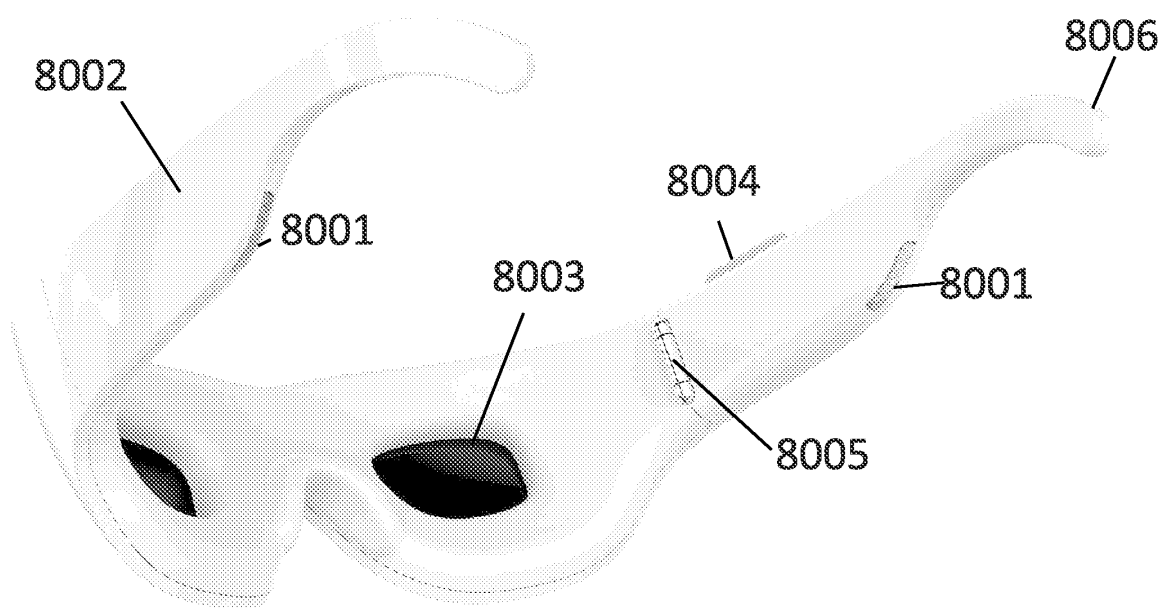


FIG. 80

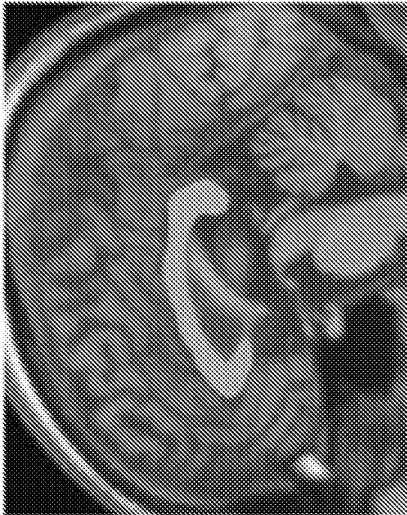
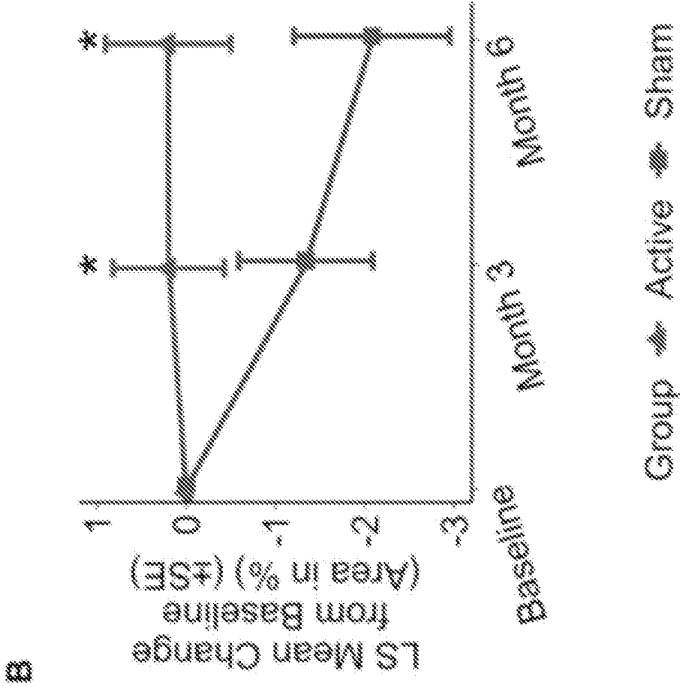
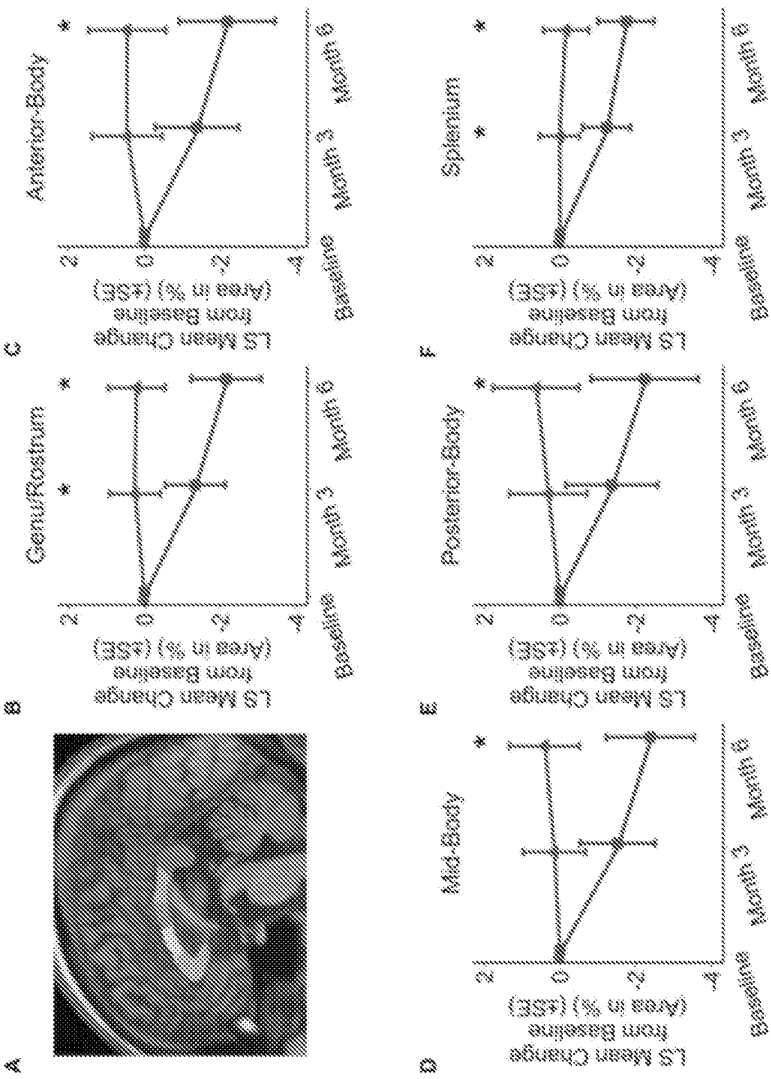


FIG 81



Group: Active (black line with circles), Sham (grey line with circles)

FIG 82