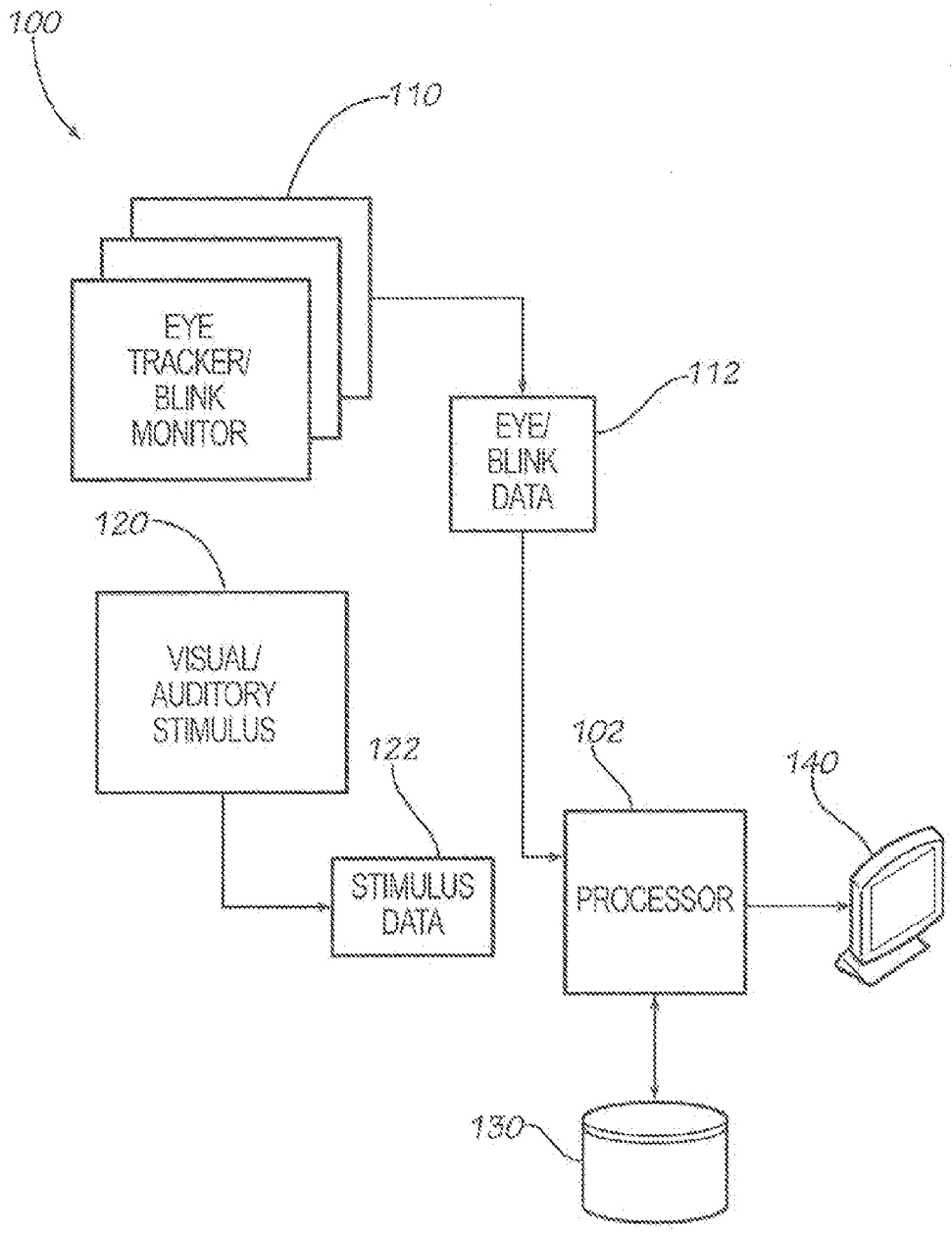
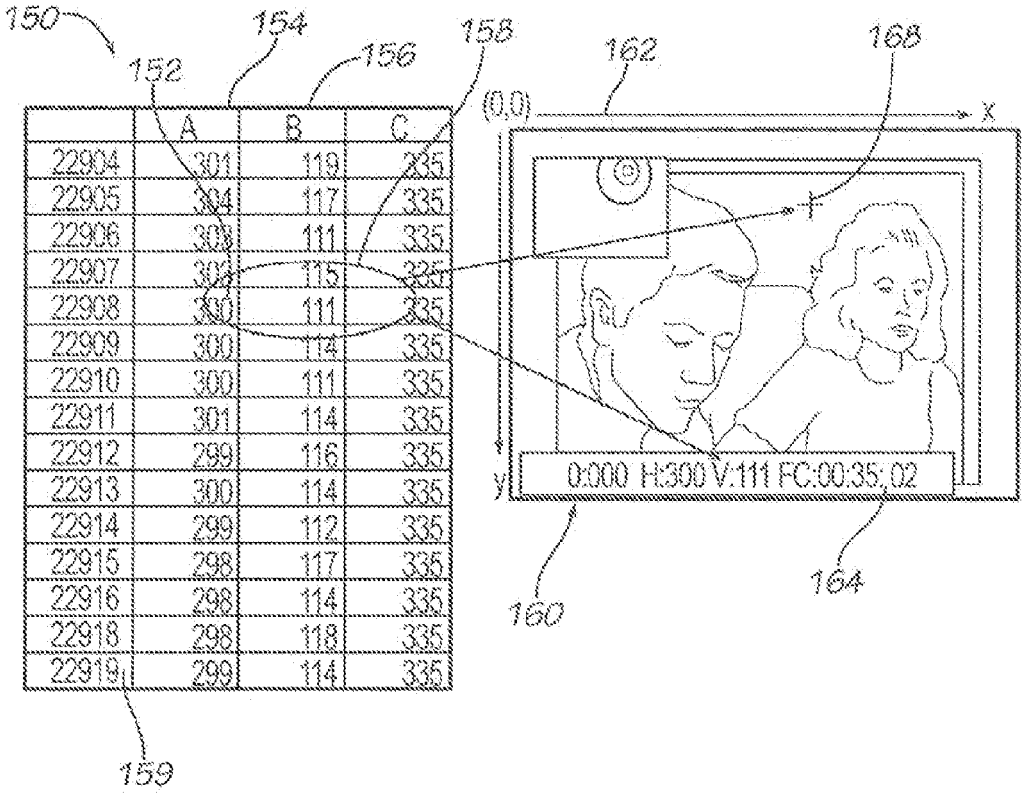


EXEMPLARY BLINK AND/OR EYE MONITORING SYSTEM

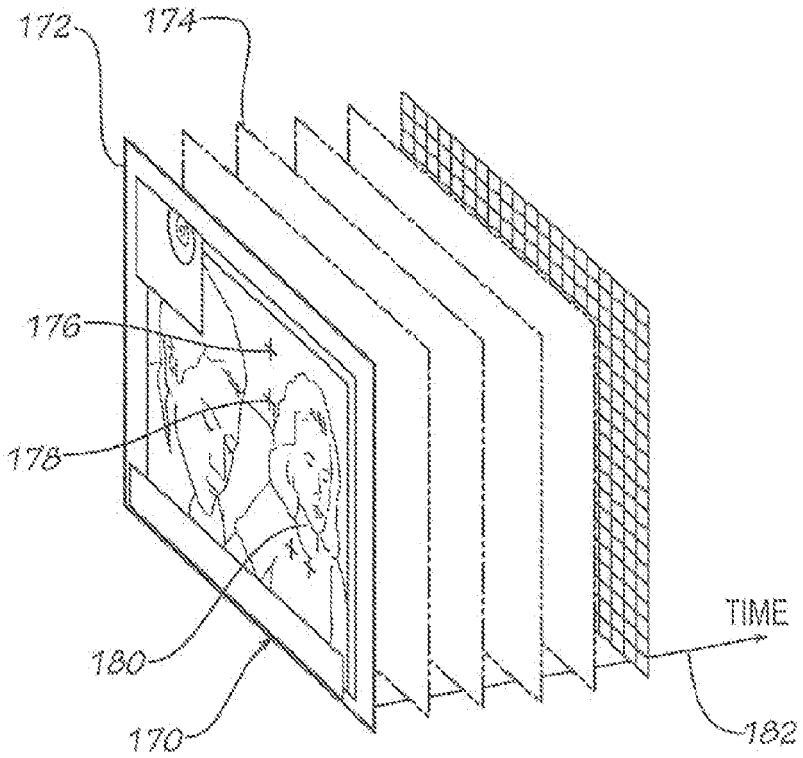
FIG. 1A



	A	B	C
22904	301	119	335
22905	304	117	335
22906	309	111	335
22907	304	115	335
22908	300	111	335
22909	300	114	335
22910	300	111	335
22911	301	114	335
22912	299	116	335
22913	300	114	335
22914	299	112	335
22915	298	117	335
22916	298	114	335
22918	298	118	335
22919	299	114	335

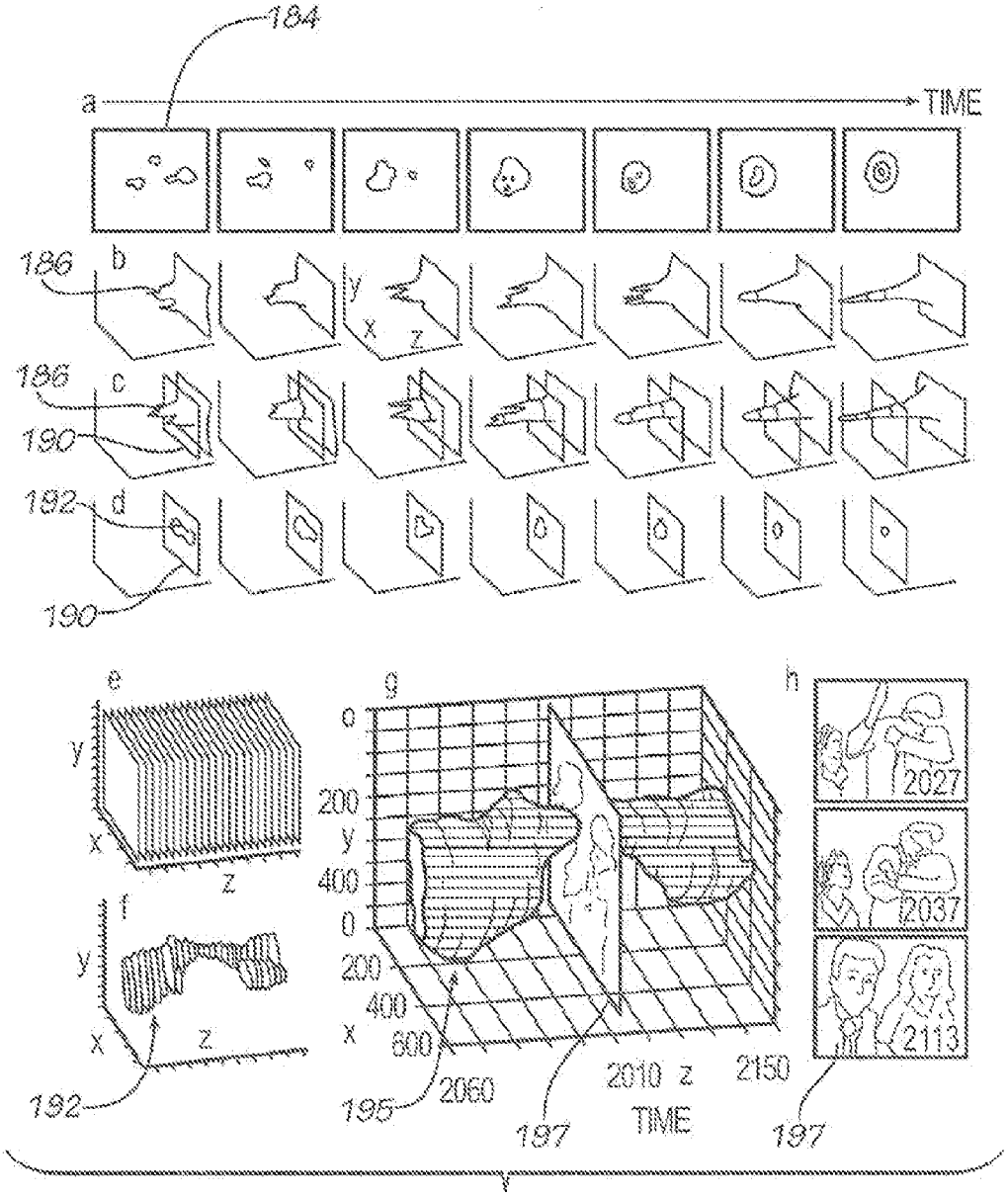
EXEMPLARY DATA INDICATIVE OF OCULAR RESPONSE (EYE MOVEMENT)

FIG. 1B



EXEMPLARY DISPLAY OF PORTIONS OF A DYNAMIC VISUAL STIMULUS

FIG. 1C



EXEMPLARY GENERATION OF DISPLAY OF DISTRIBUTION OF VISUAL RESOURCES

FIG. 1D

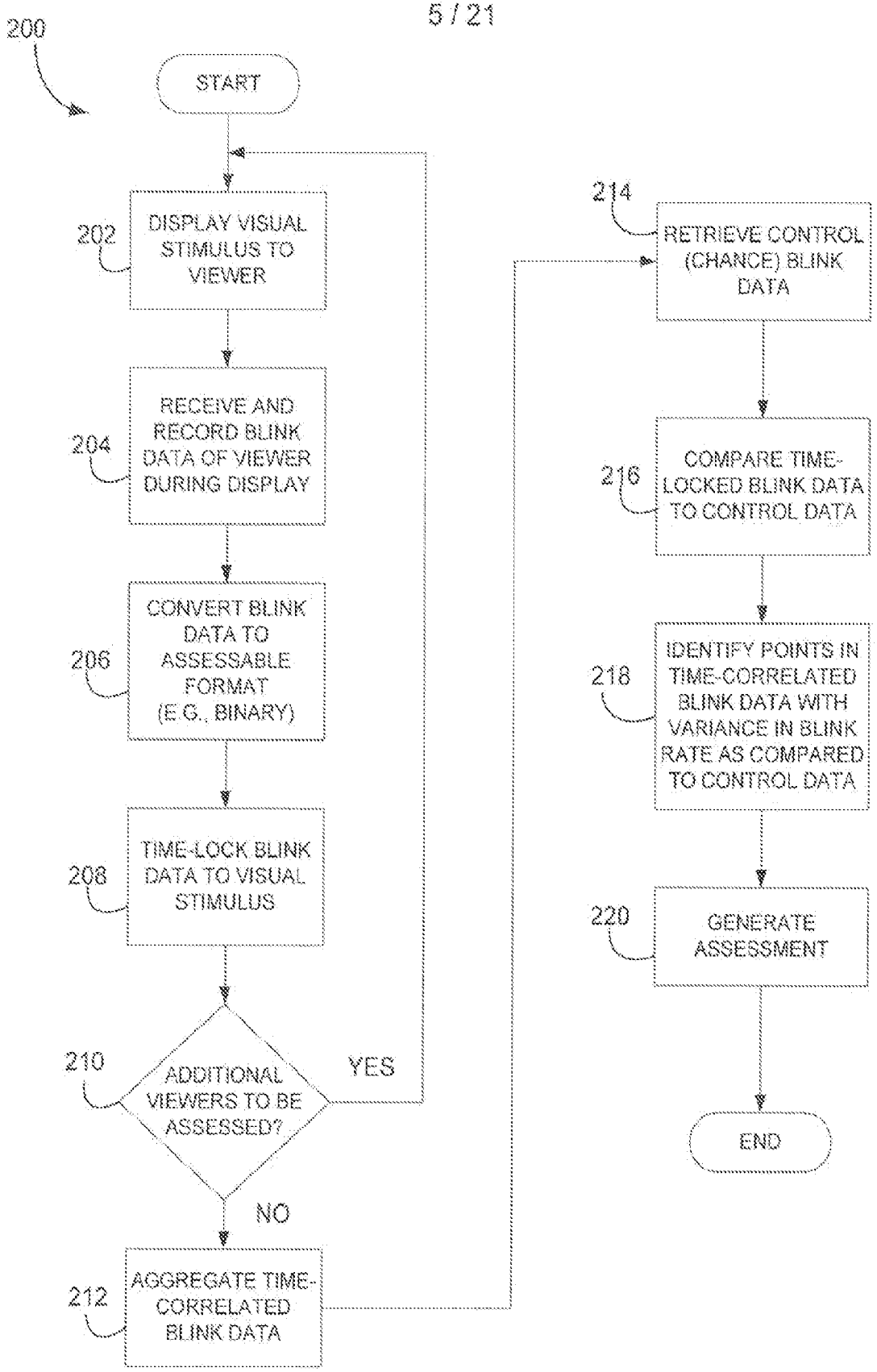


FIG. 2 – EXEMPLARY DATA COLLECTION AND ASSESSMENT PROCESS

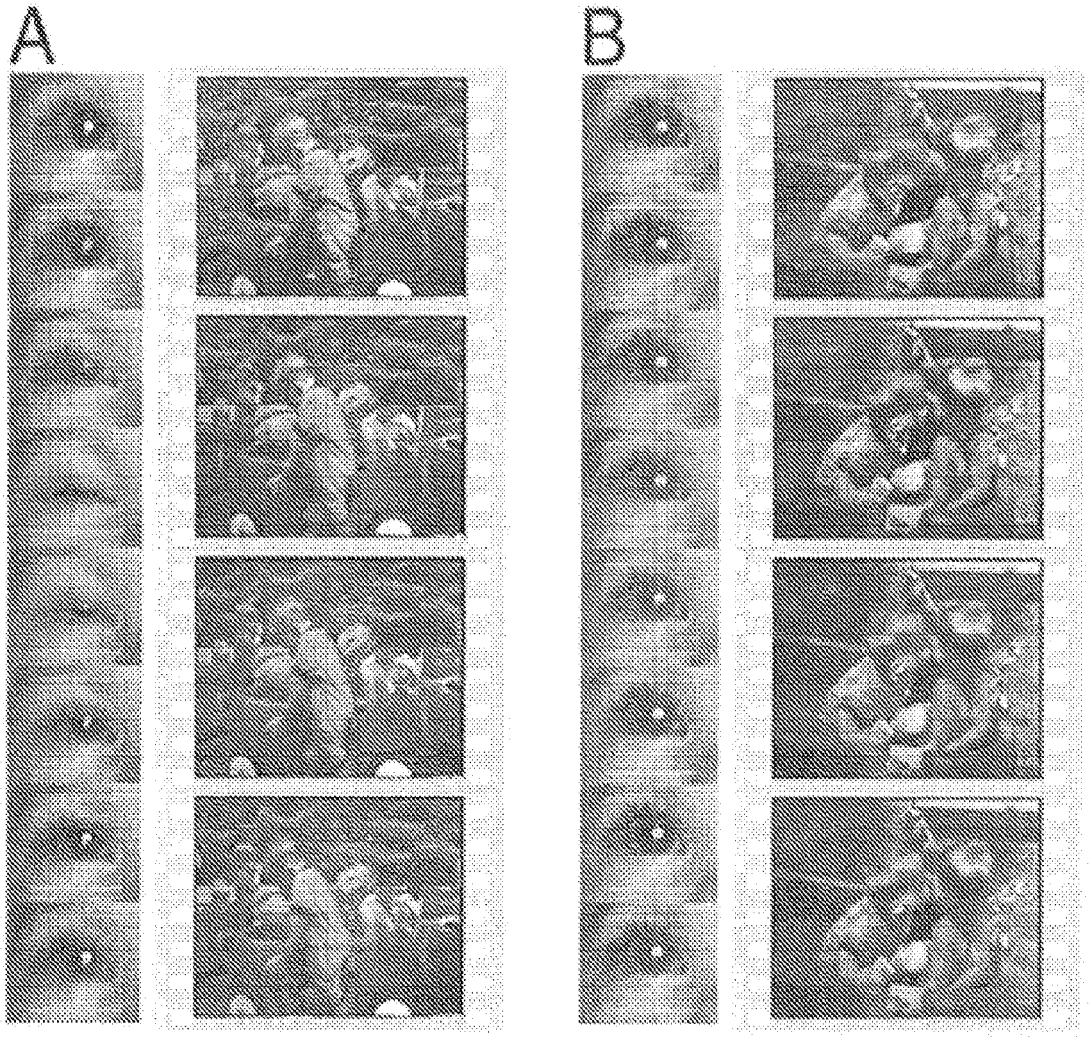


FIG. 3 – BLINKING AND STATISTICALLY SIGNIFICANT BLINK INHIBITION WHILE VIEWING A VISUAL STIMULUS

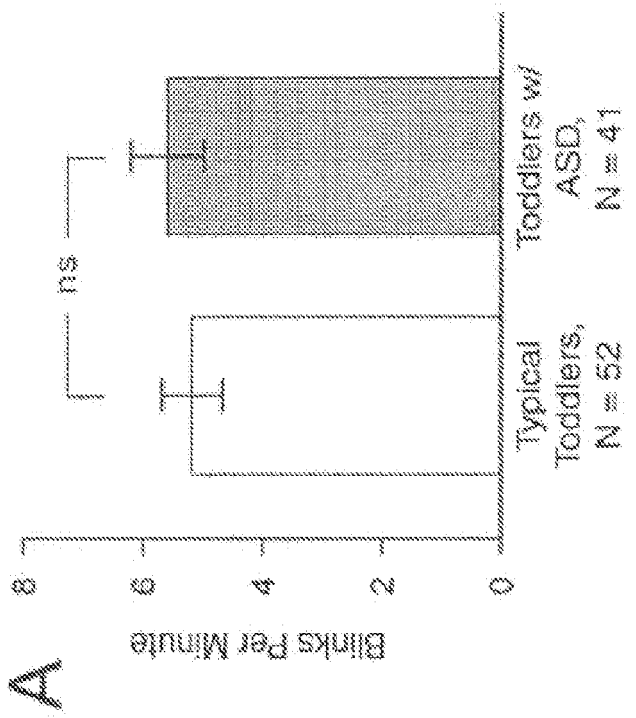


FIG. 4 – BLINK RATE COMPARISON BETWEEN TYPICAL TODDLERS AND TODDLERS WITH ASD

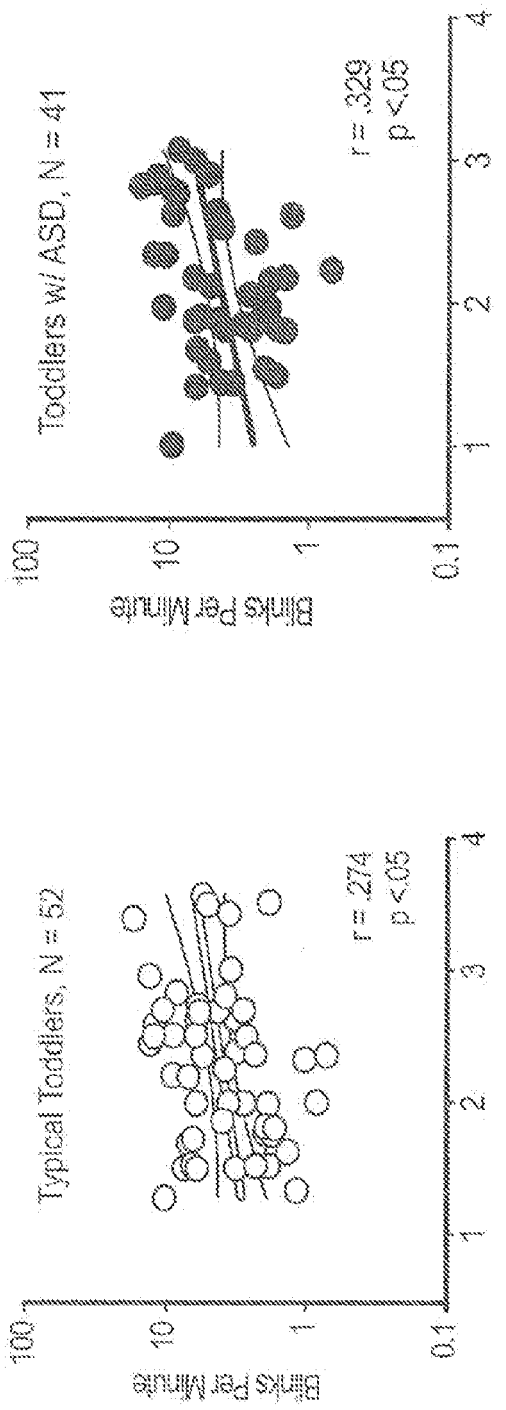


FIG. 5A

FIG. 5B

BLINK RATES OF TODDLERS CORRELATED WITH AGE

FIG. 5

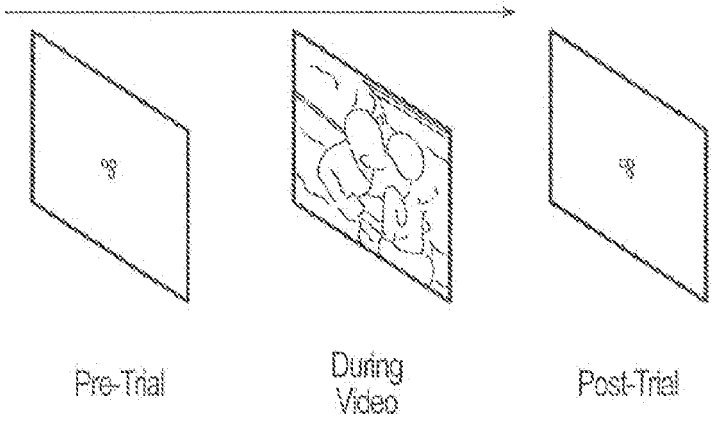


FIG. 6A

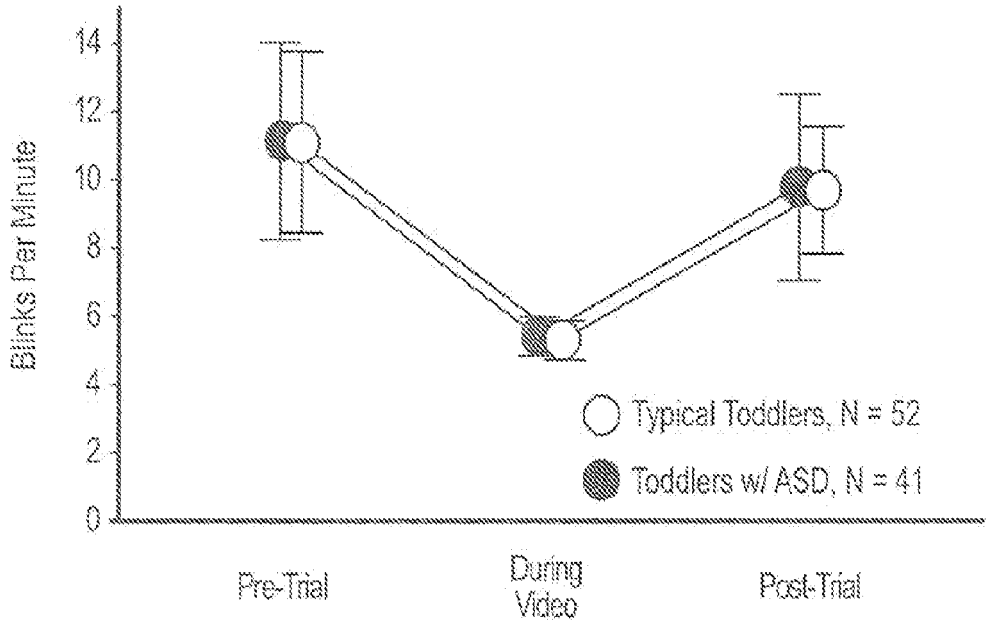


FIG. 6B

TASK DEPENDENT MODULATION OF BLINKING

FIG. 6

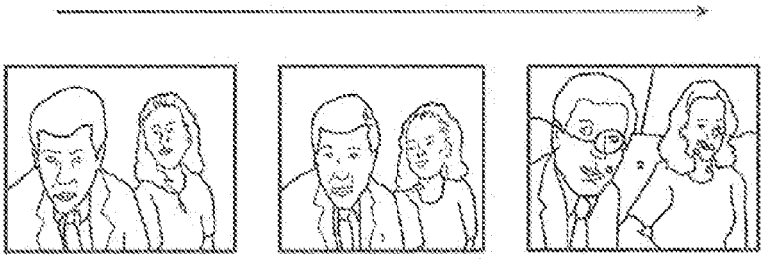


FIG. 6D

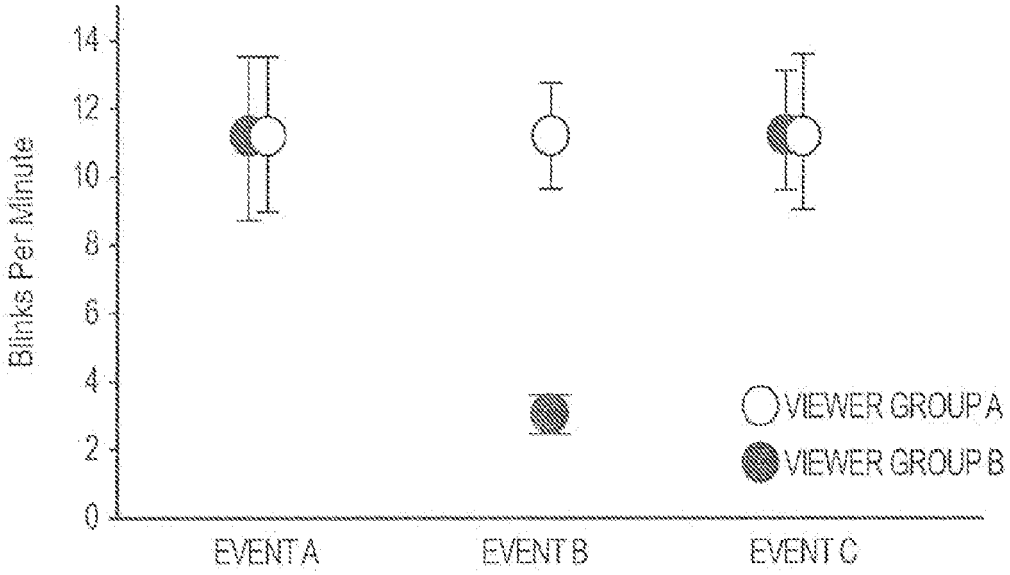


FIG. 6E

COMPARISON OF TASK DEPENDENT MODULATION OF BLINKING BETWEEN TWO DIFFERENT VIEWER GROUPS

FIG. 6C

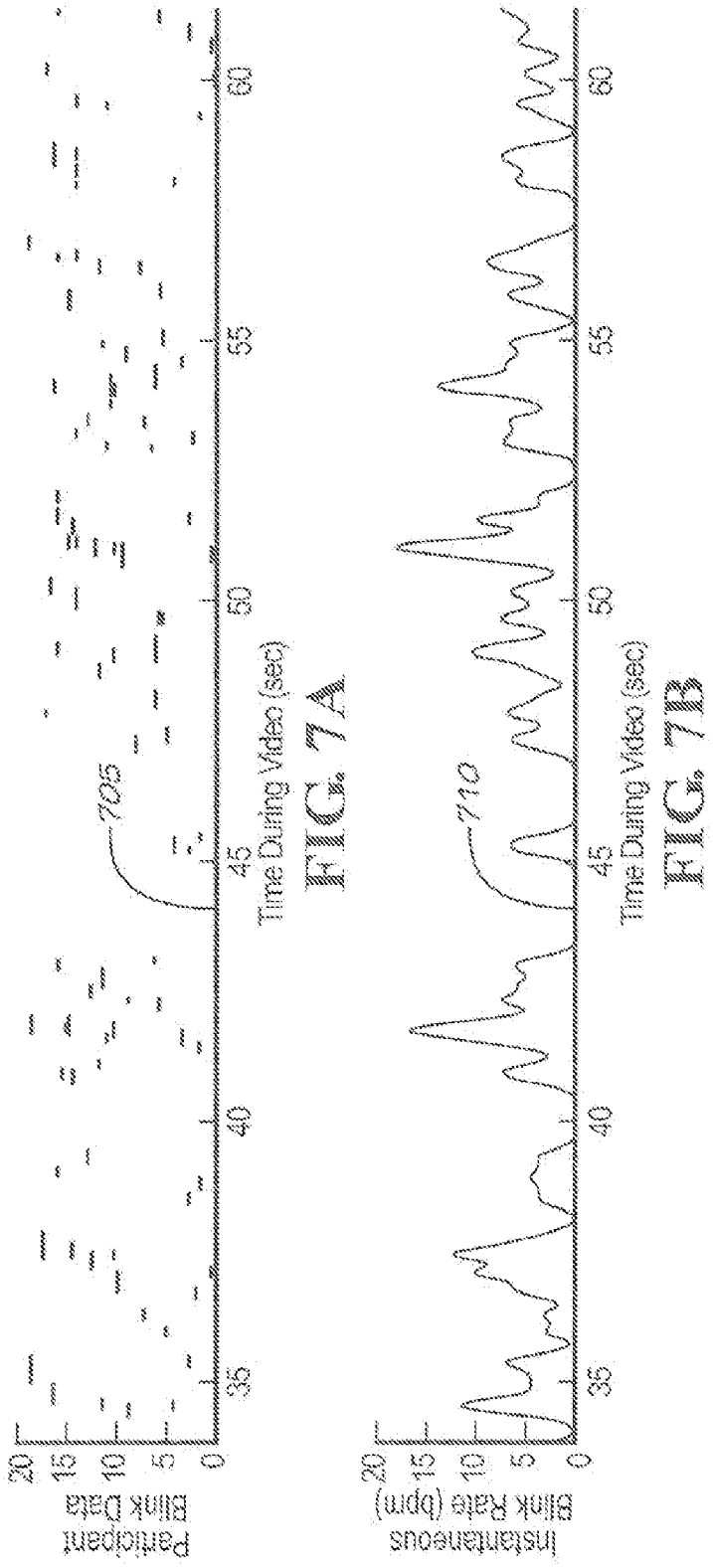

Participant Blink Data
0
5
10
15
20
35
40
45
50
55
60
Time During Video (sec)
705

FIG. 7A

Instantaneous Blink Rate (bpm)
0
5
10
15
20
35
40
45
50
55
60
Time During Video (sec)
710

FIG. 7B

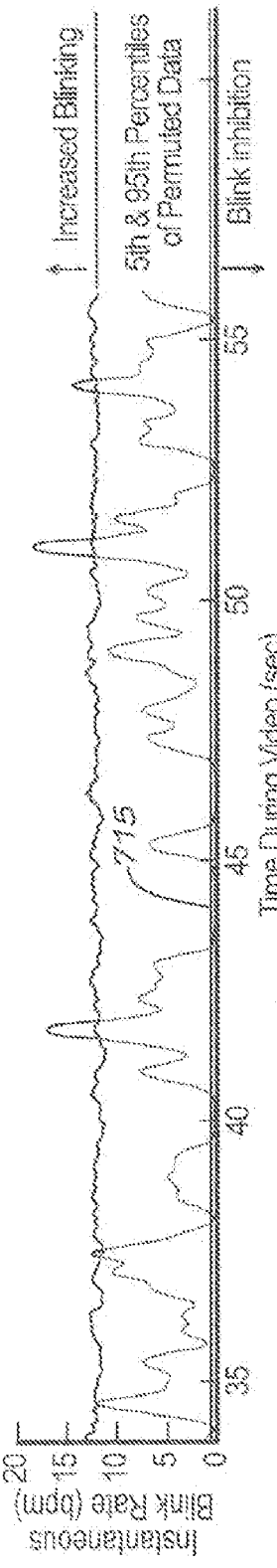


FIG. 7C

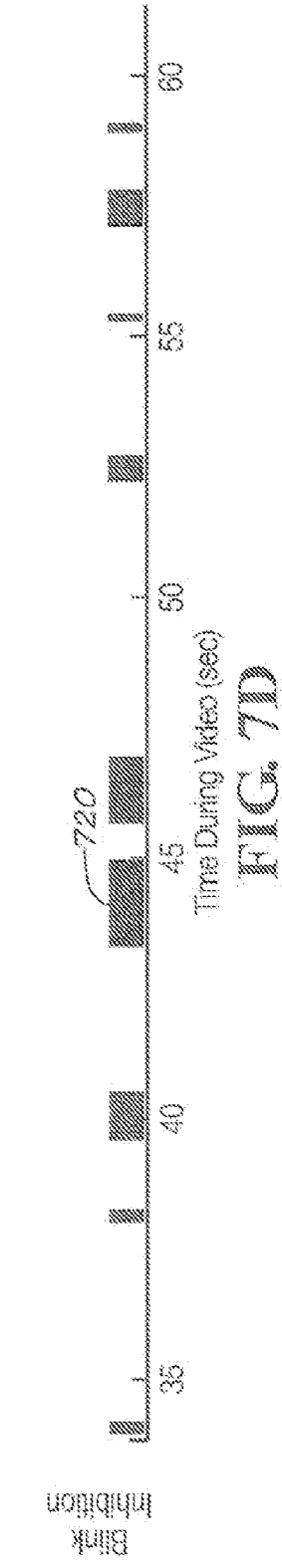


FIG. 7D

BLINK INHIBITION DATA CORRELATED WITH TIME

FIG. 7

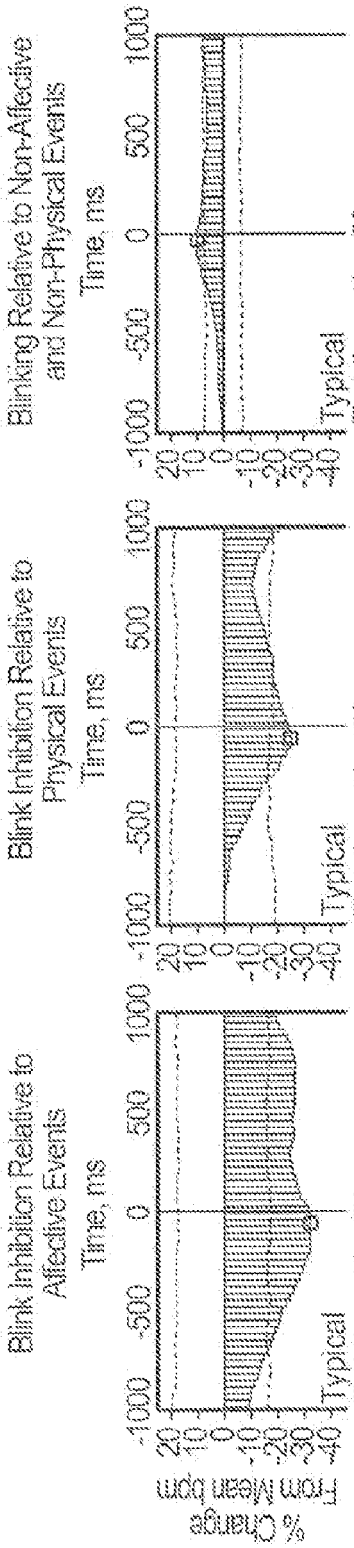


FIG. 8A

FIG. 8B

FIG. 8C

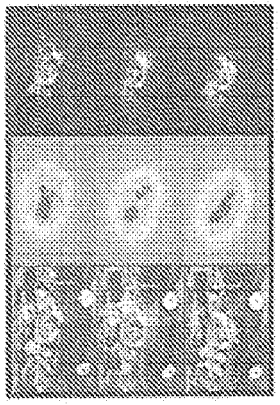


FIG. 8D

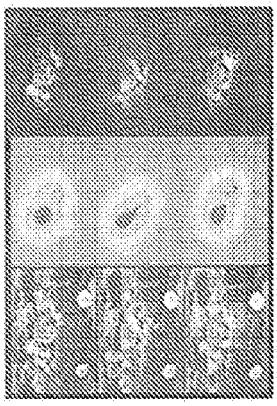


FIG. 8E

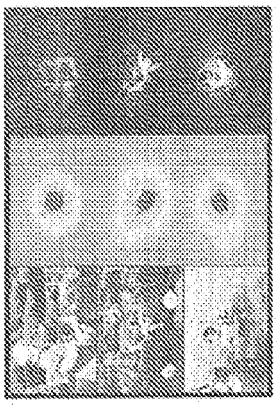


FIG. 8F

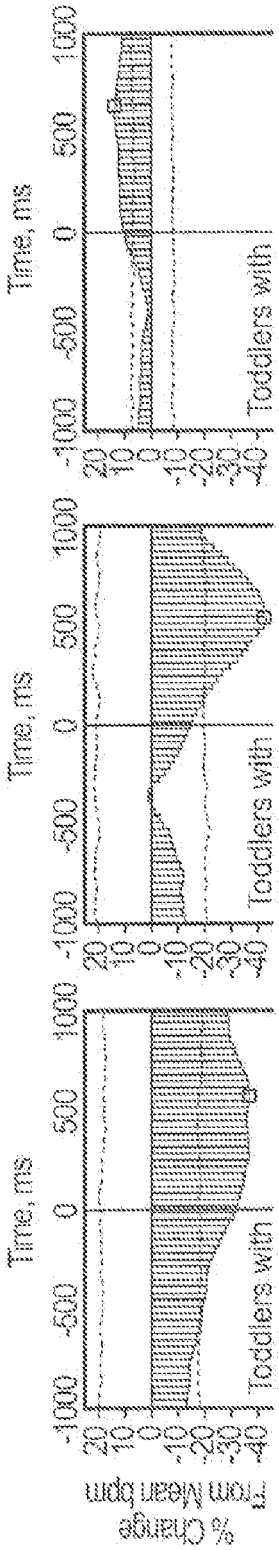


FIG. 8G

FIG. 8H

FIG. 8I

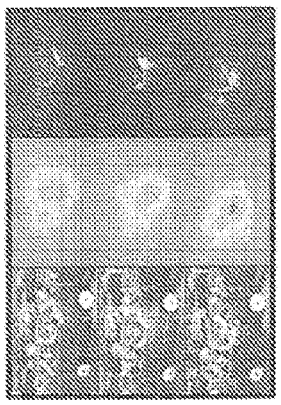


FIG. 8J

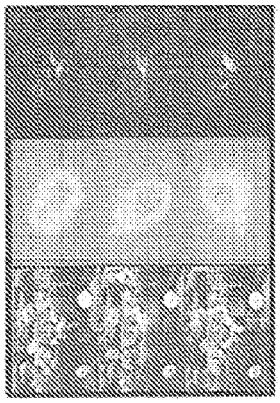


FIG. 8K

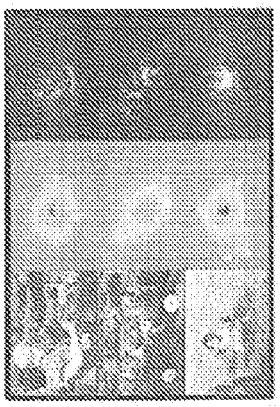


FIG. 8L

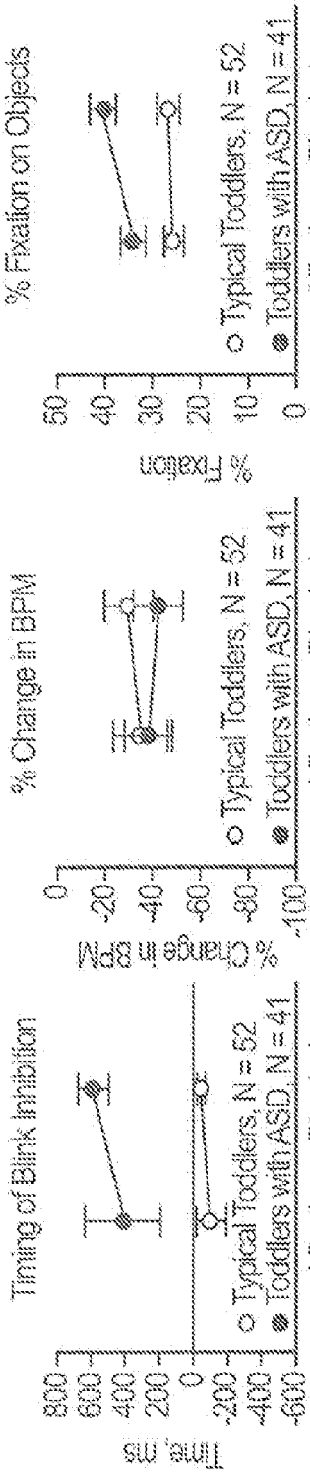


FIG. 8M

FIG. 8N

FIG. 8O

BLINK INHIBITION COMPARISON CORRELATED WITH VARIOUS EVENTS

FIG. 8

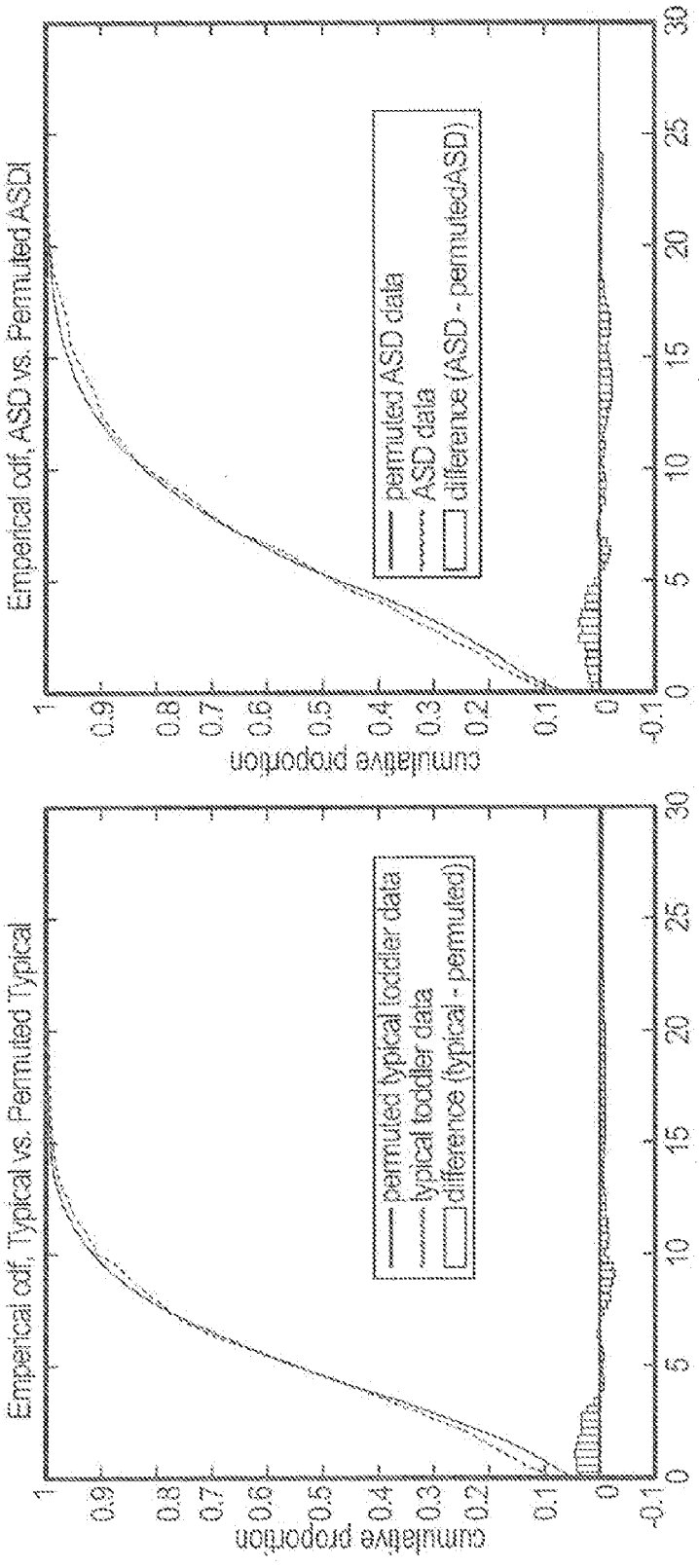


FIG. 9A

FIG. 9B

EMPIRICAL CUMULATIVE DISTRIBUTION FUNCTION COMPARING ACTUAL BLINK DATA WITH PERMUTED DATA

FIG. 9

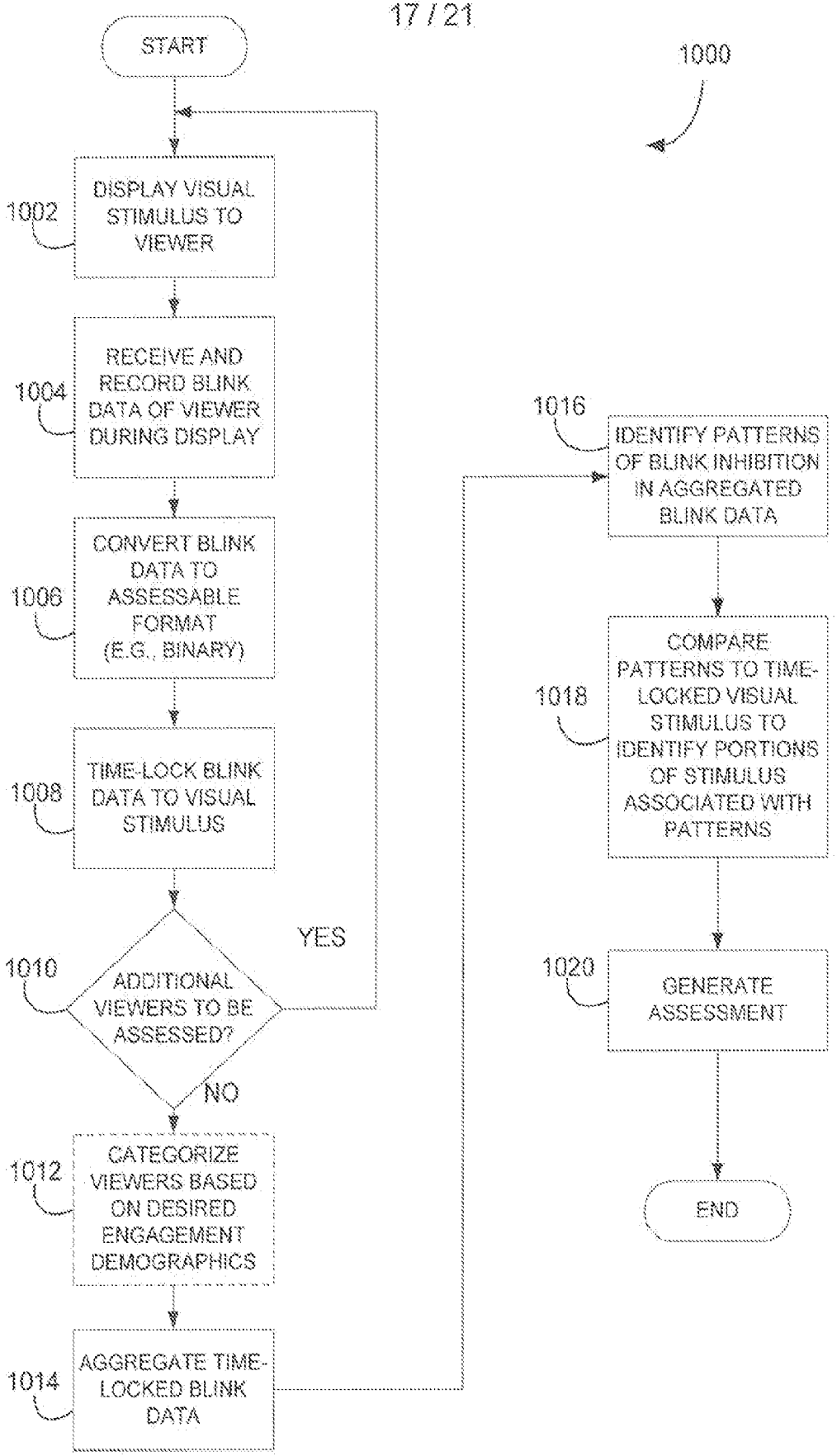


FIG. 10 – EXEMPLARY PROCESS FOR DETERMINING ENGAGEMENT ACTIVITY

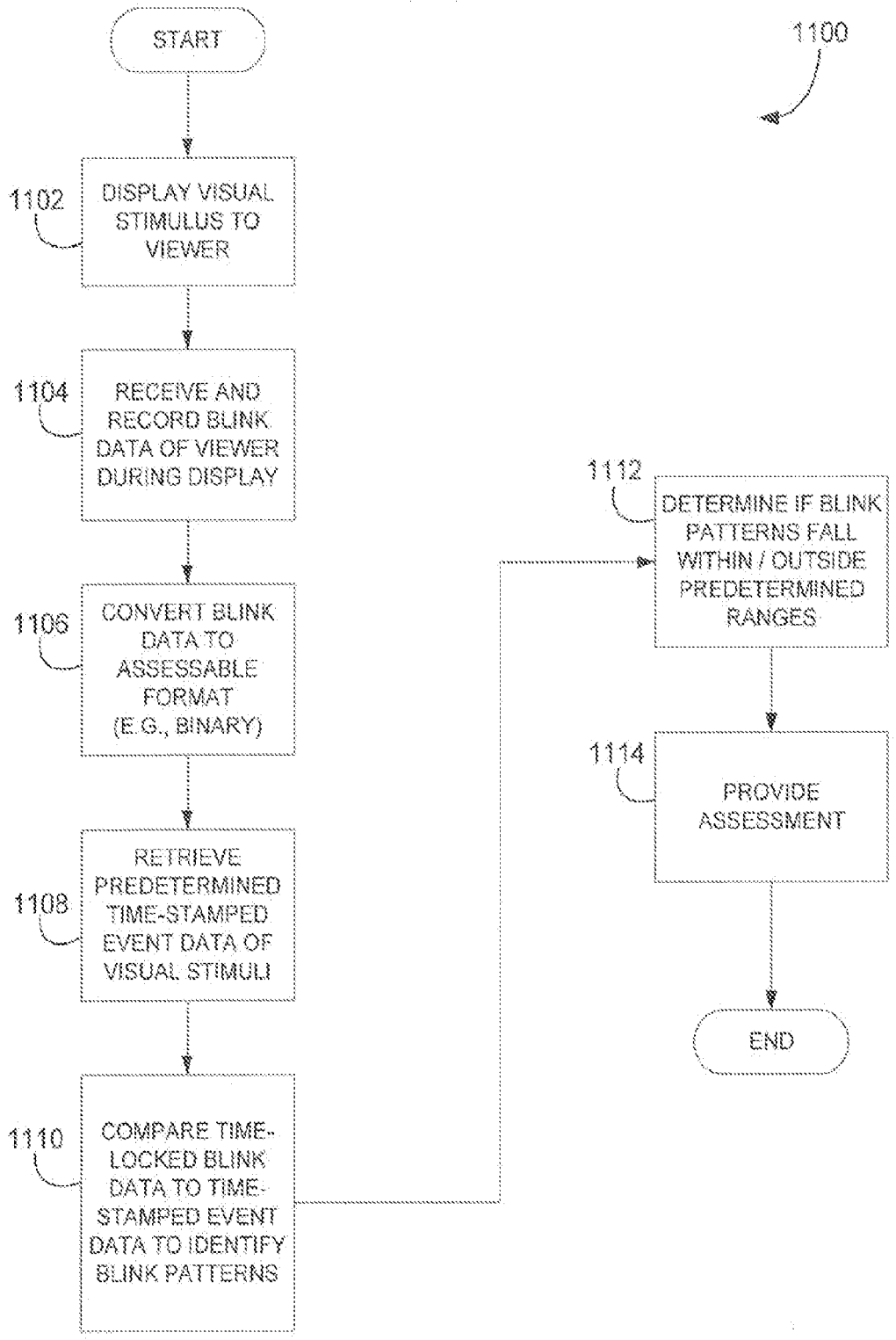


FIG. 11 – EXEMPLARY PROCESS FOR ASSESSING/CATEGORIZING VIEWER

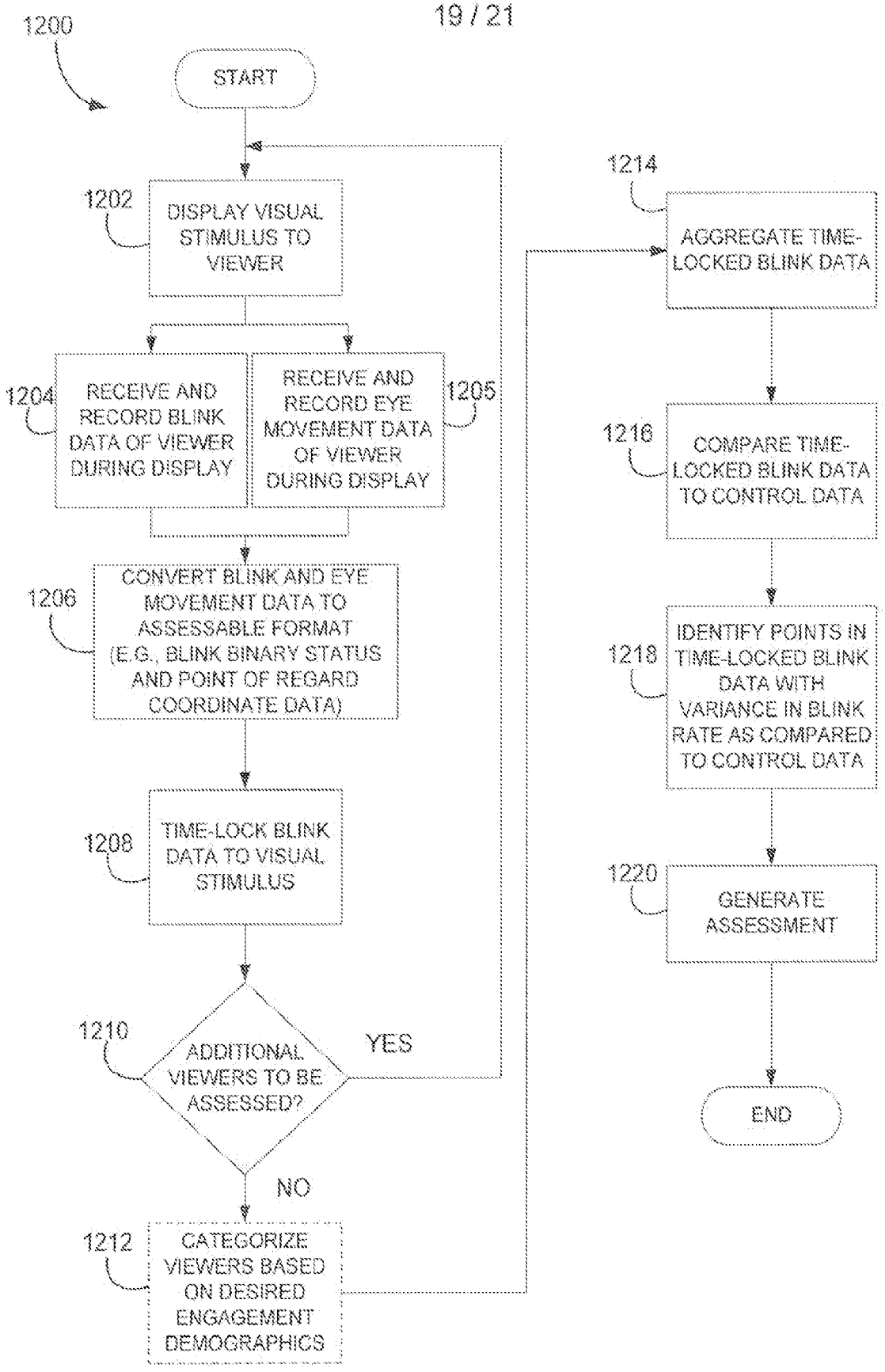


FIG. 12 – EXEMPLARY BLINK AND EYE MOVEMENT DATA COLLECTION AND ASSESSMENT PROCESS

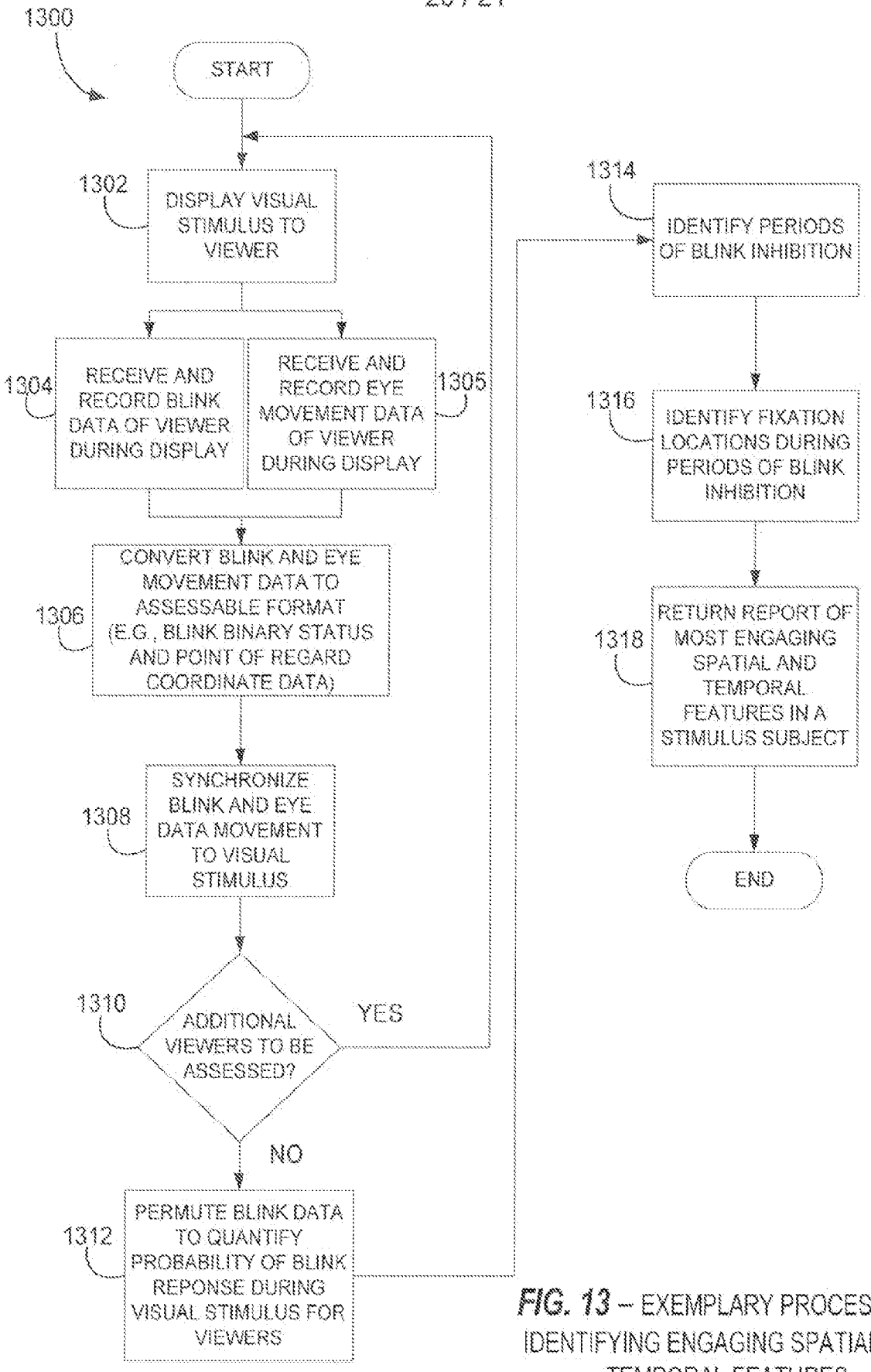


FIG. 13 – EXEMPLARY PROCESS FOR IDENTIFYING ENGAGING SPATIAL AND TEMPORAL FEATURES

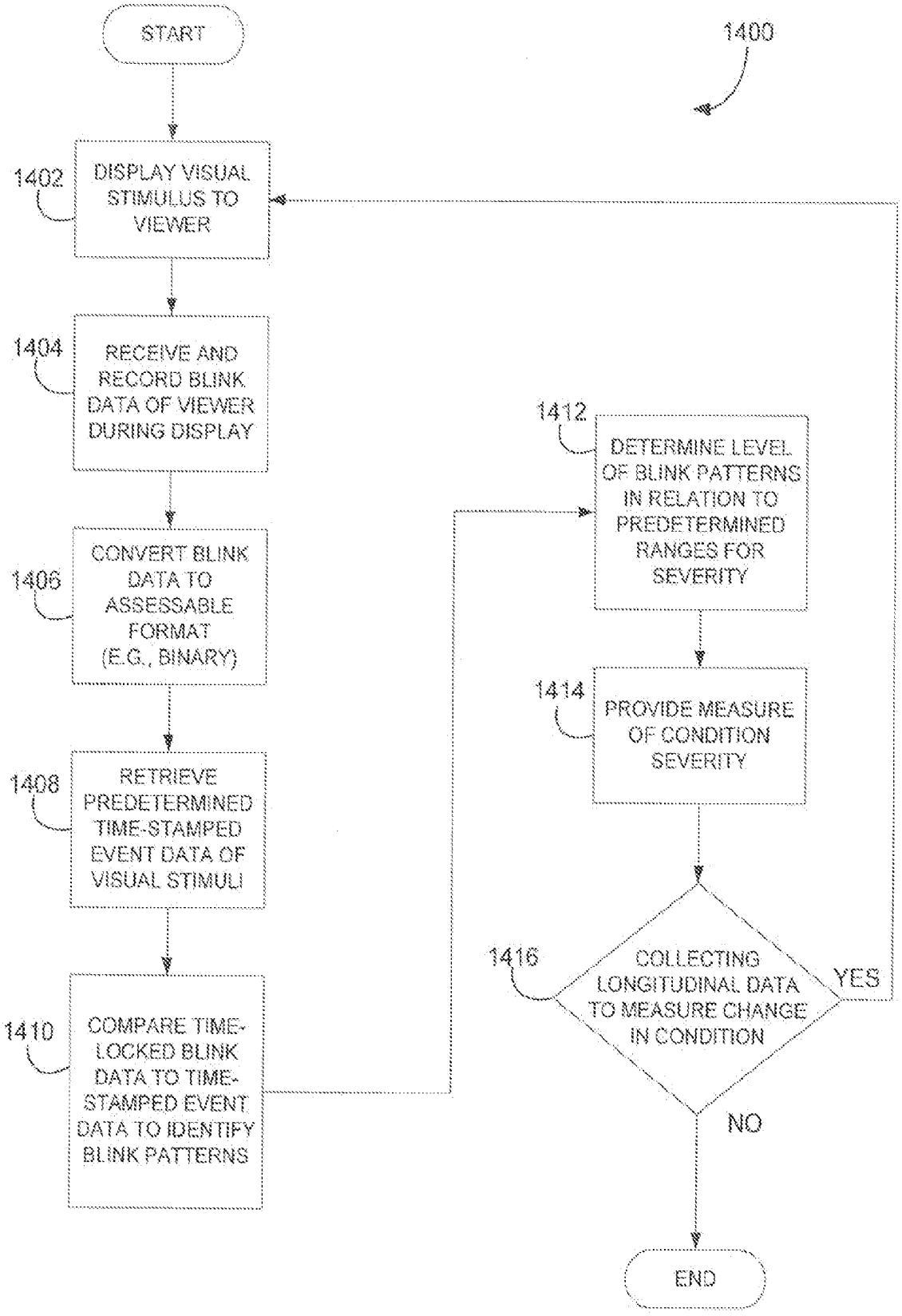


FIG. 14 – EXEMPLARY PATIENT/CONDITION ASSESSMENT PROCESS