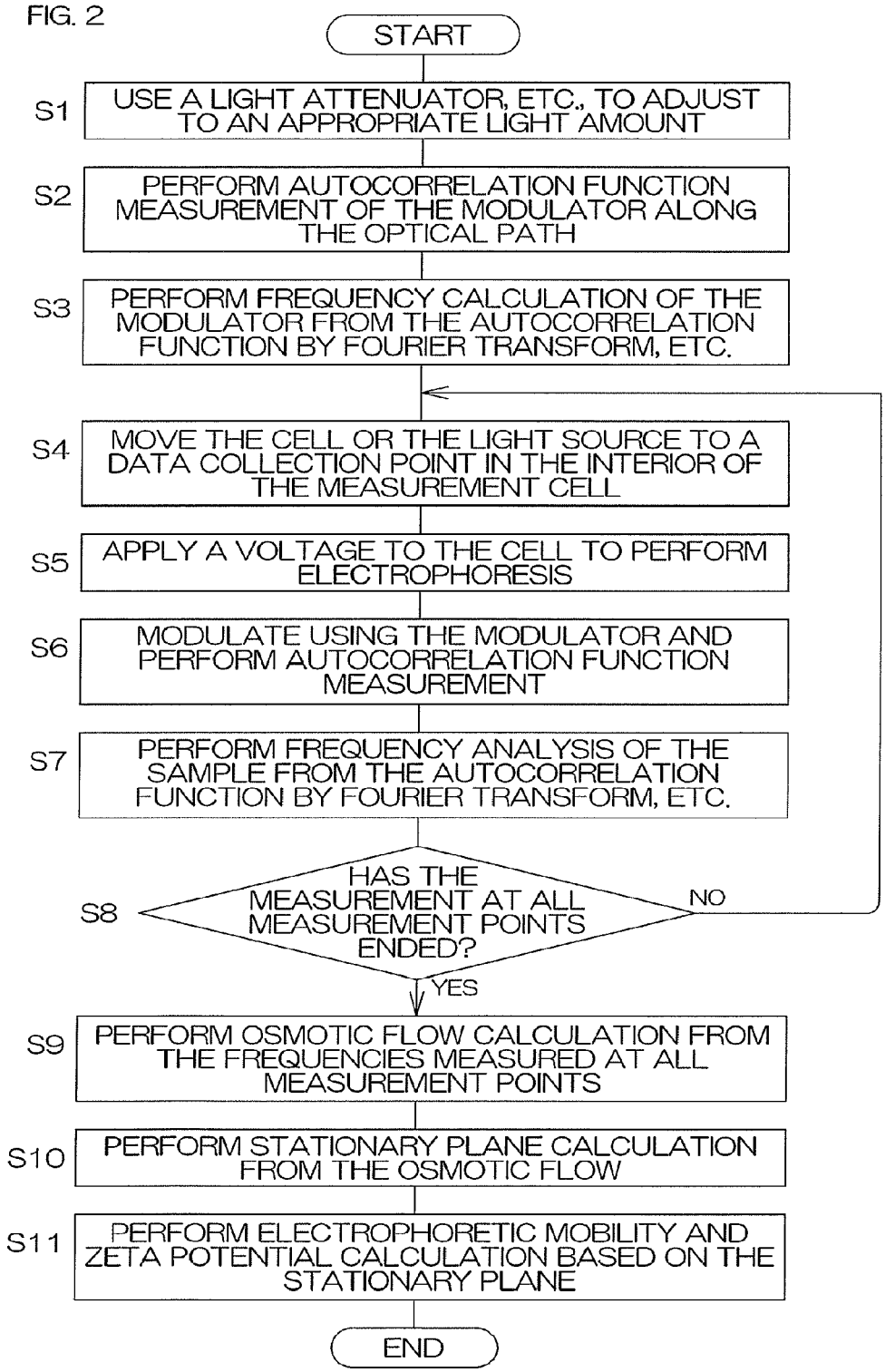
FIG. 2


START
S1
USE A LIGHT ATTENUATOR, ETC., TO ADJUST TO AN APPROPRIATE LIGHT AMOUNT
S2
PERFORM AUTOCORRELATION FUNCTION MEASUREMENT OF THE MODULATOR ALONG THE OPTICAL PATH
S3
PERFORM FREQUENCY CALCULATION OF THE MODULATOR FROM THE AUTOCORRELATION FUNCTION BY FOURIER TRANSFORM, ETC.
S4
MOVE THE CELL OR THE LIGHT SOURCE TO A DATA COLLECTION POINT IN THE INTERIOR OF THE MEASUREMENT CELL
S5
APPLY A VOLTAGE TO THE CELL TO PERFORM ELECTROPHORESIS
S6
MODULATE USING THE MODULATOR AND PERFORM AUTOCORRELATION FUNCTION MEASUREMENT
S7
PERFORM FREQUENCY ANALYSIS OF THE SAMPLE FROM THE AUTOCORRELATION FUNCTION BY FOURIER TRANSFORM, ETC.
S8
HAS THE MEASUREMENT AT ALL MEASUREMENT POINTS ENDED?
NO
YES
S9
PERFORM OSMOTIC FLOW CALCULATION FROM THE FREQUENCIES MEASURED AT ALL MEASUREMENT POINTS
S10
PERFORM STATIONARY PLANE CALCULATION FROM THE OSMOTIC FLOW
S11
PERFORM ELECTROPHORETIC MOBILITY AND ZETA POTENTIAL CALCULATION BASED ON THE STATIONARY PLANE
END