Fig. 1

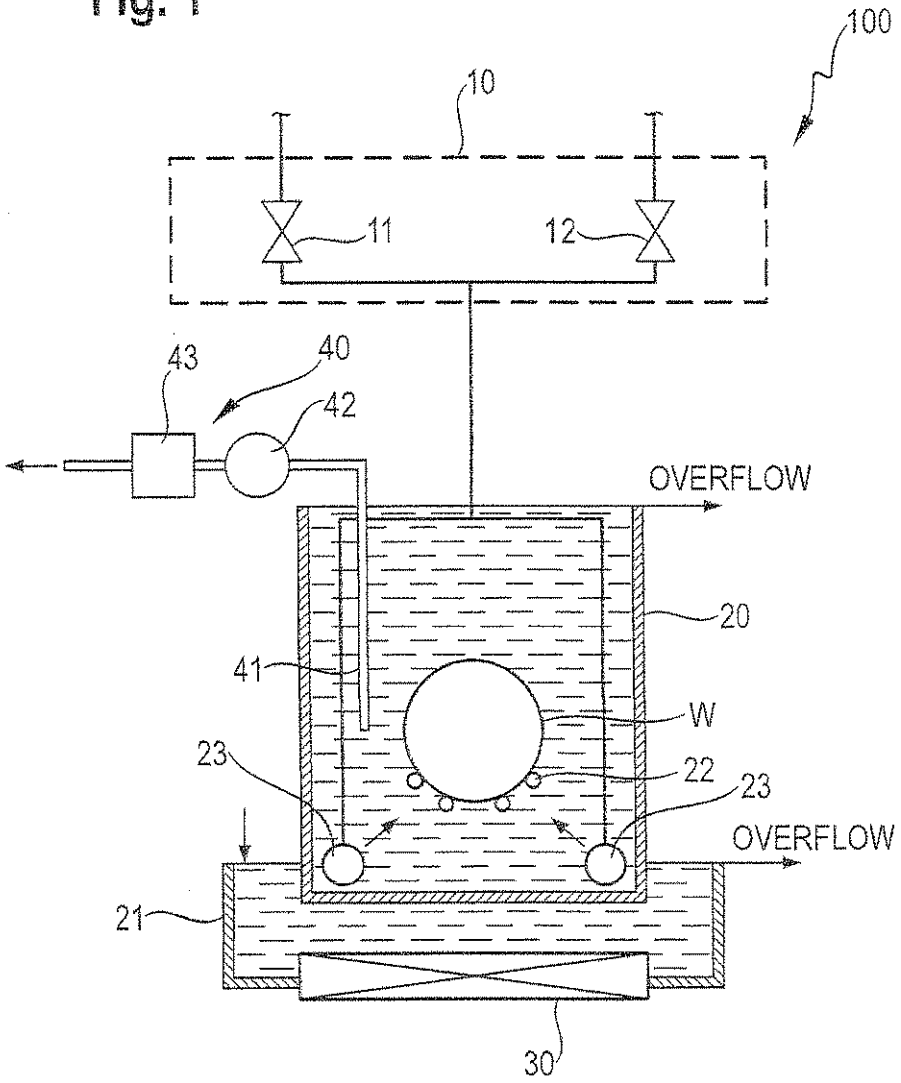


Fig. 2

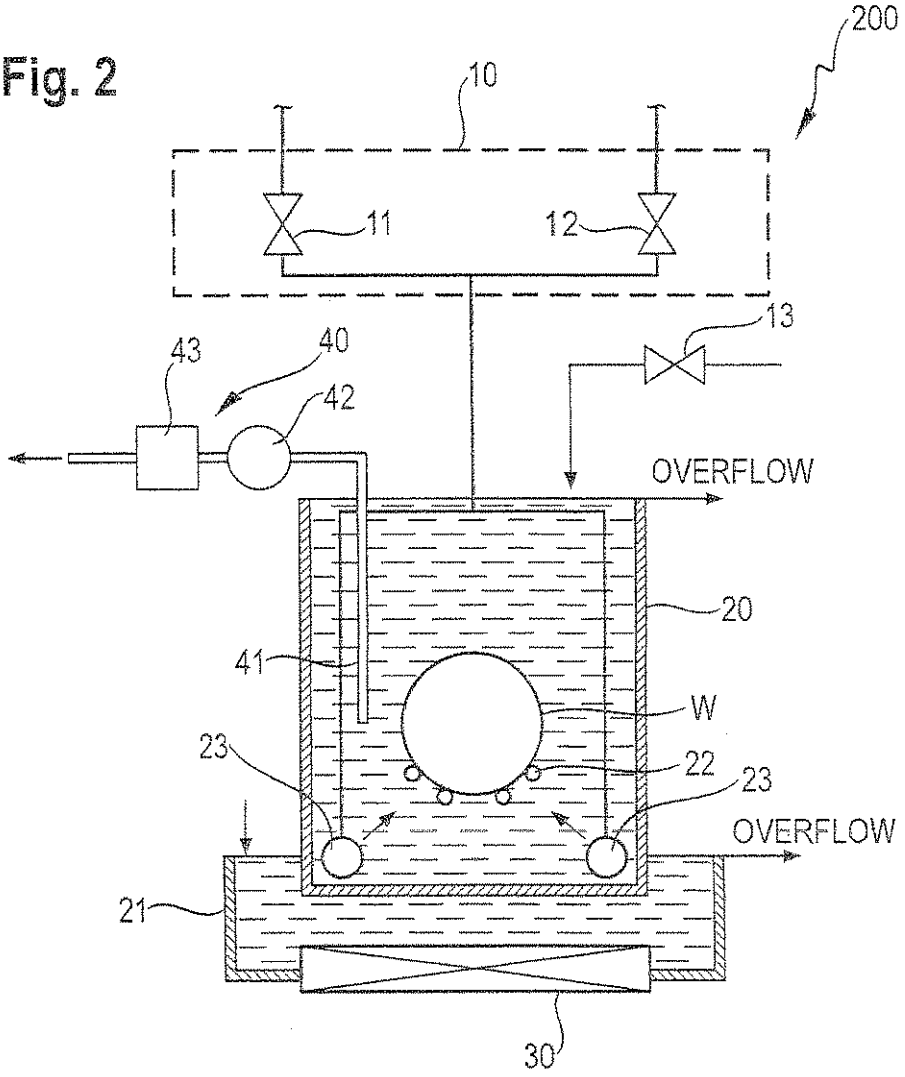

200
10
11
12
13
43
40
42
OVERFLOW
20
41
W
23
22
23
OVERFLOW
21
30

Fig. 3

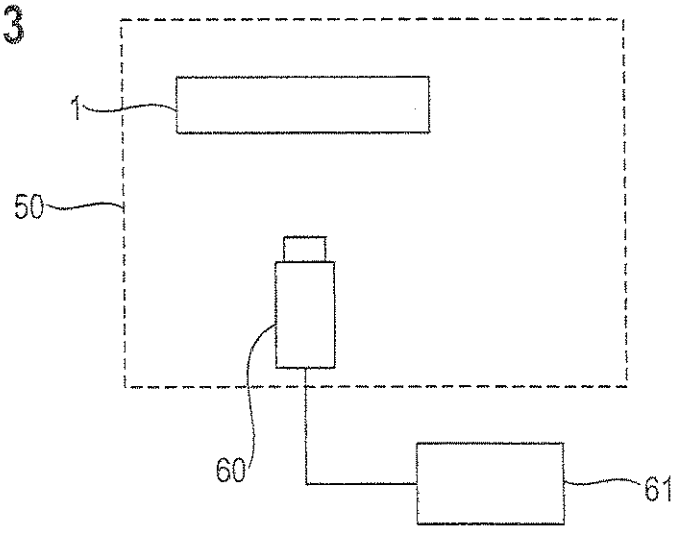

1
50
60
61

Fig. 4

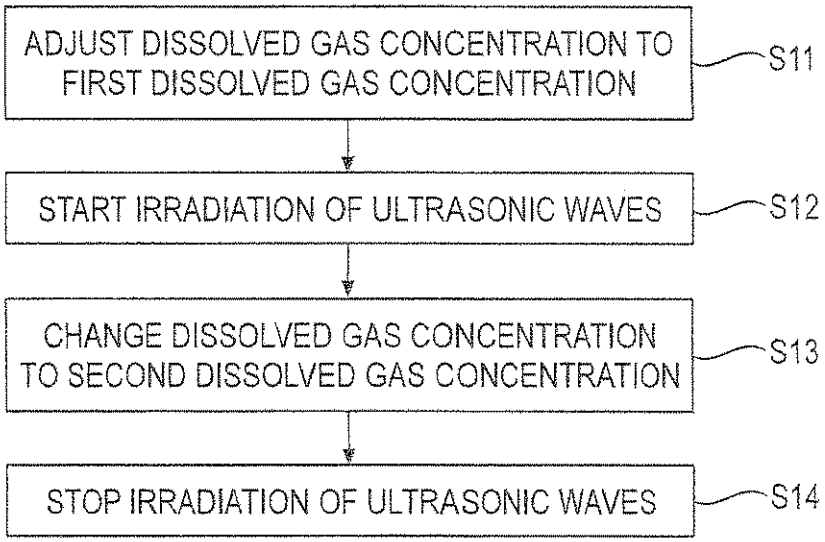

ADJUST DISSOLVED GAS CONCENTRATION TO FIRST DISSOLVED GAS CONCENTRATION
S11
START IRRADIATION OF ULTRASONIC WAVES
S12
CHANGE DISSOLVED GAS CONCENTRATION TO SECOND DISSOLVED GAS CONCENTRATION
S13
STOP IRRADIATION OF ULTRASONIC WAVES
S14

Fig. 5

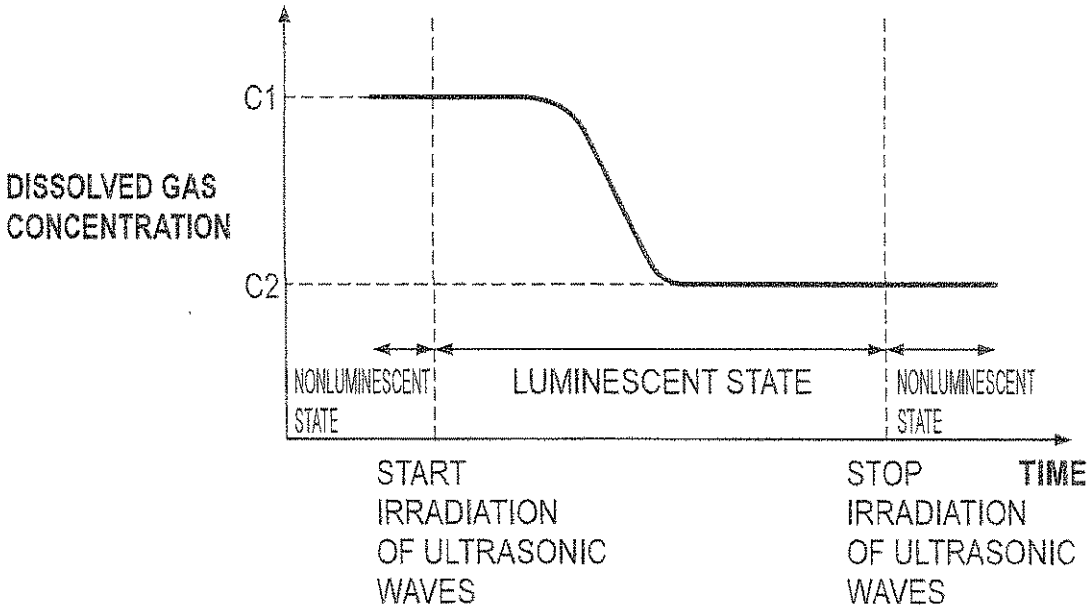

DISSOLVED GAS CONCENTRATION
C1
C2
NONLUMINESCENT STATE
LUMINESCENT STATE
NONLUMINESCENT STATE
START IRRADIATION OF ULTRASONIC WAVES
STOP IRRADIATION OF ULTRASONIC WAVES
TIME

Fig. 6

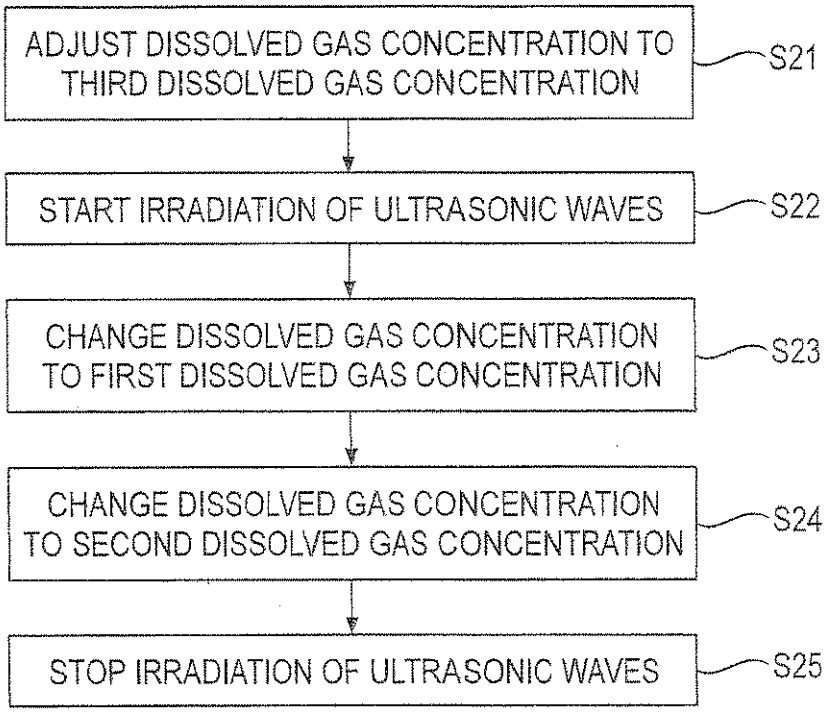

ADJUST DISSOLVED GAS CONCENTRATION TO THIRD DISSOLVED GAS CONCENTRATION
S21
START IRRADIATION OF ULTRASONIC WAVES
S22
CHANGE DISSOLVED GAS CONCENTRATION TO FIRST DISSOLVED GAS CONCENTRATION
S23
CHANGE DISSOLVED GAS CONCENTRATION TO SECOND DISSOLVED GAS CONCENTRATION
S24
STOP IRRADIATION OF ULTRASONIC WAVES
S25

Fig. 7

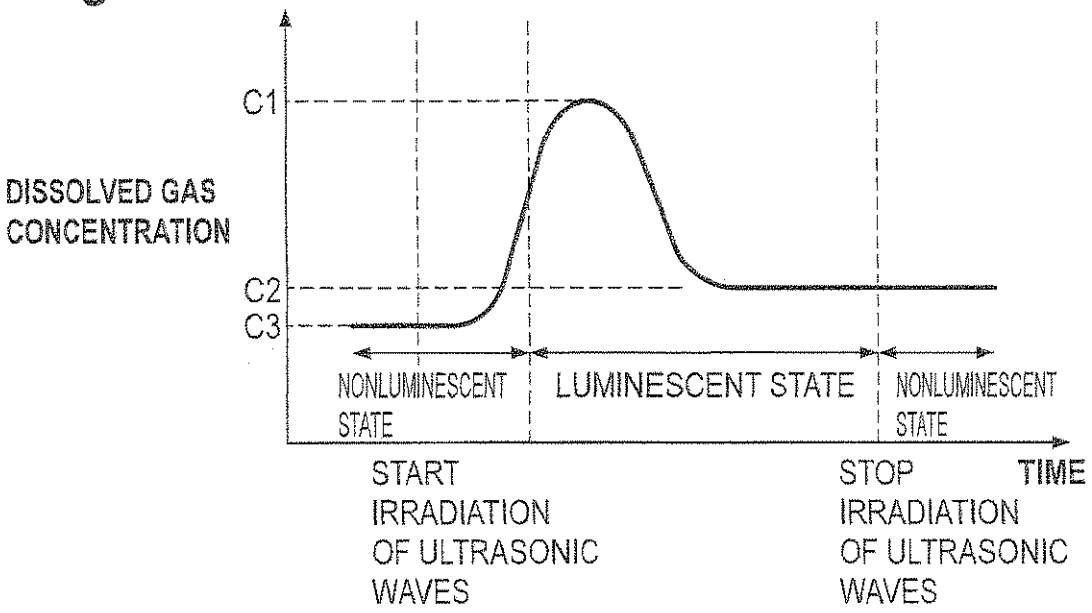

DISSOLVED GAS CONCENTRATION
C1
C2
C3
NONLUMINESCENT STATE
LUMINESCENT STATE
NONLUMINESCENT STATE
START IRRADIATION OF ULTRASONIC WAVES
STOP IRRADIATION OF ULTRASONIC WAVES
TIME

Fig. 8

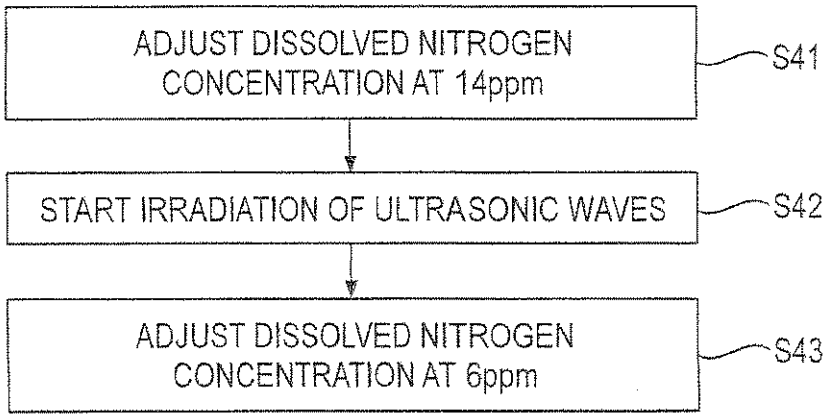

ADJUST DISSOLVED NITROGEN CONCENTRATION AT 14ppm
S41
START IRRADIATION OF ULTRASONIC WAVES
S42
ADJUST DISSOLVED NITROGEN CONCENTRATION AT 6ppm
S43

Fig. 9

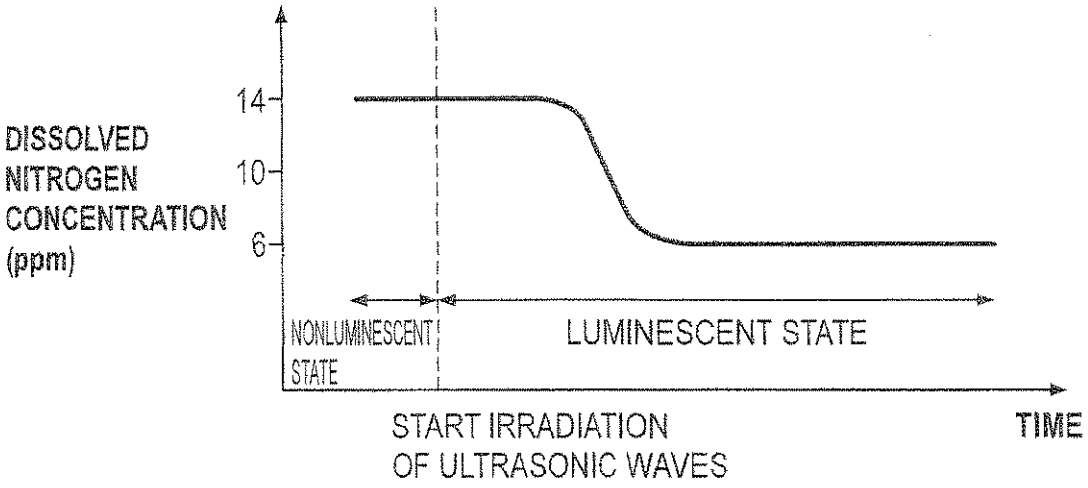

DISSOLVED NITROGEN CONCENTRATION (ppm)
14
10
6
NONLUMINESCENT STATE
LUMINESCENT STATE
START IRRADIATION OF ULTRASONIC WAVES
TIME

Fig. 10

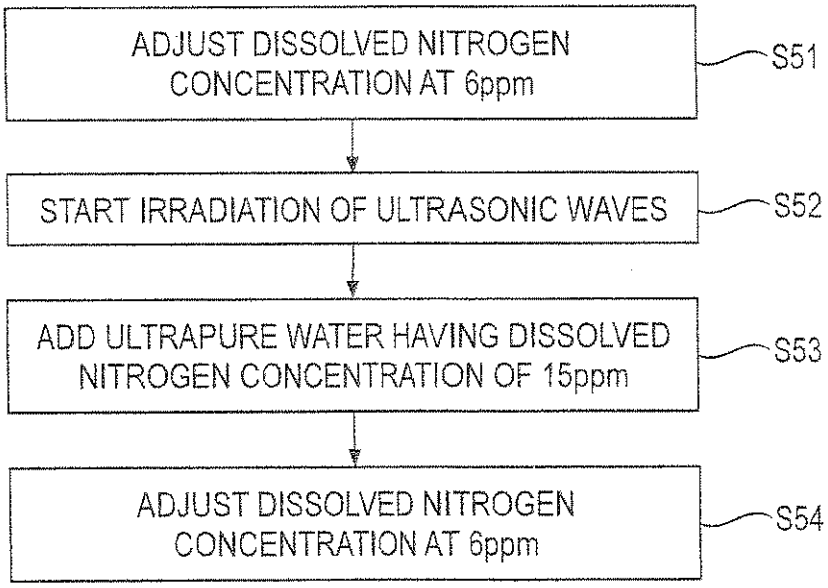

ADJUST DISSOLVED NITROGEN CONCENTRATION AT 6ppm
S51
START IRRADIATION OF ULTRASONIC WAVES
S52
ADD ULTRAPURE WATER HAVING DISSOLVED NITROGEN CONCENTRATION OF 15ppm
S53
ADJUST DISSOLVED NITROGEN CONCENTRATION AT 6ppm
S54

Fig. 11

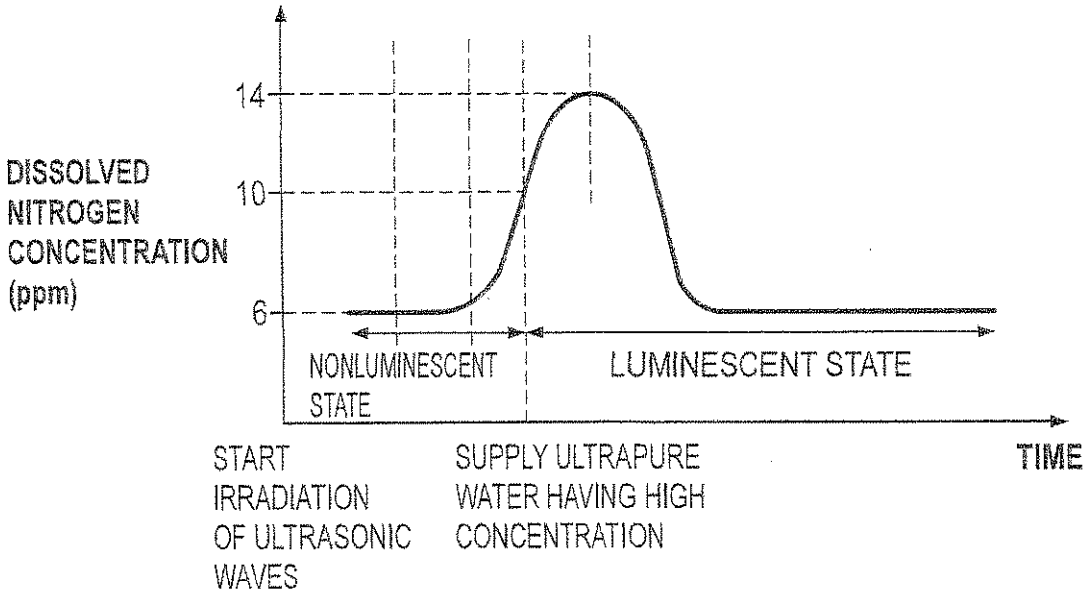

DISSOLVED NITROGEN CONCENTRATION (ppm)
14
10
6
NONLUMINESCENT STATE
LUMINESCENT STATE
START IRRADIATION OF ULTRASONIC WAVES
SUPPLY ULTRAPURE WATER HAVING HIGH CONCENTRATION
TIME

Fig. 12

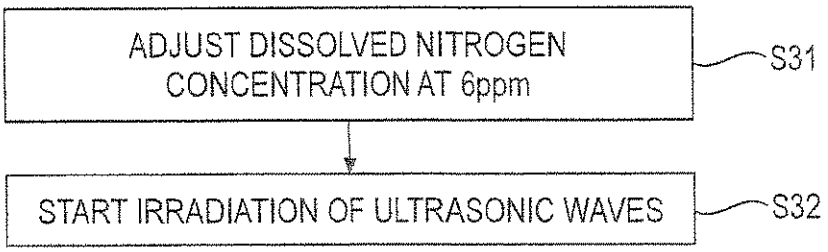

ADJUST DISSOLVED NITROGEN CONCENTRATION AT 6ppm
S31
START IRRADIATION OF ULTRASONIC WAVES
S32

Fig. 13

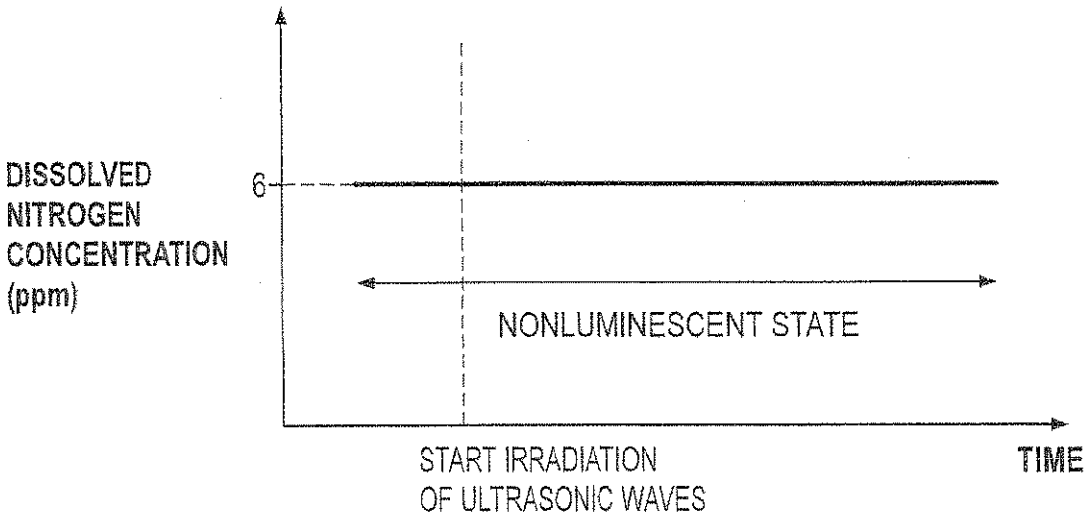

DISSOLVED NITROGEN CONCENTRATION (ppm)
6
NONLUMINESCENT STATE
START IRRADIATION OF ULTRASONIC WAVES
TIME

Fig. 14a

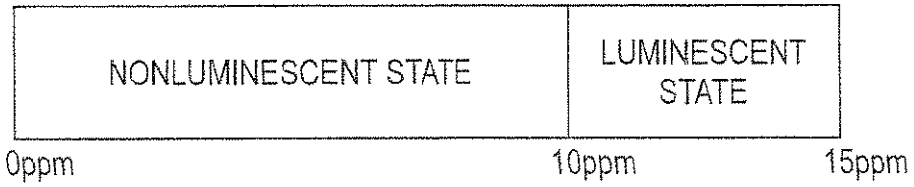


Fig. 14b

