FIG.1

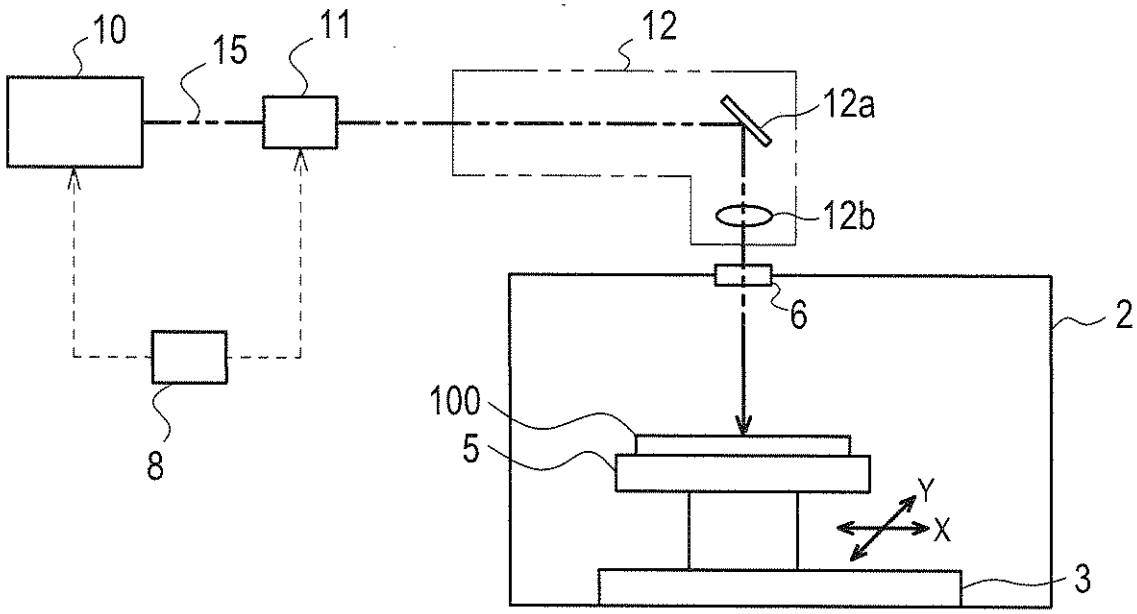
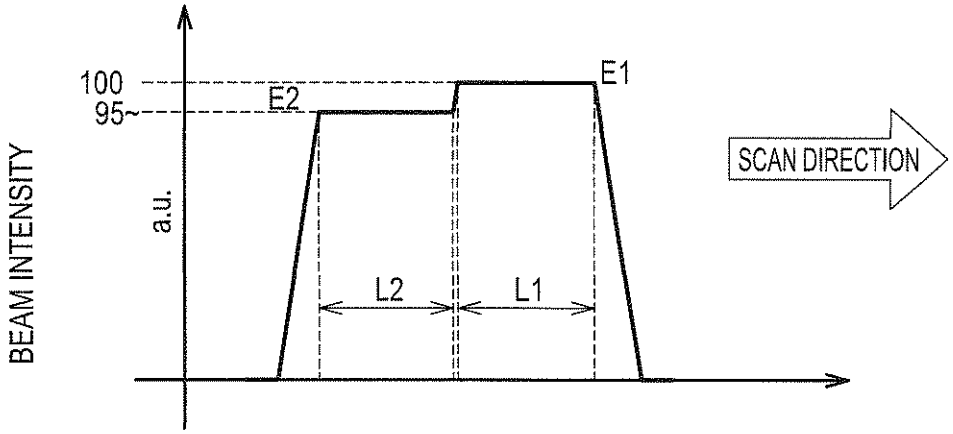
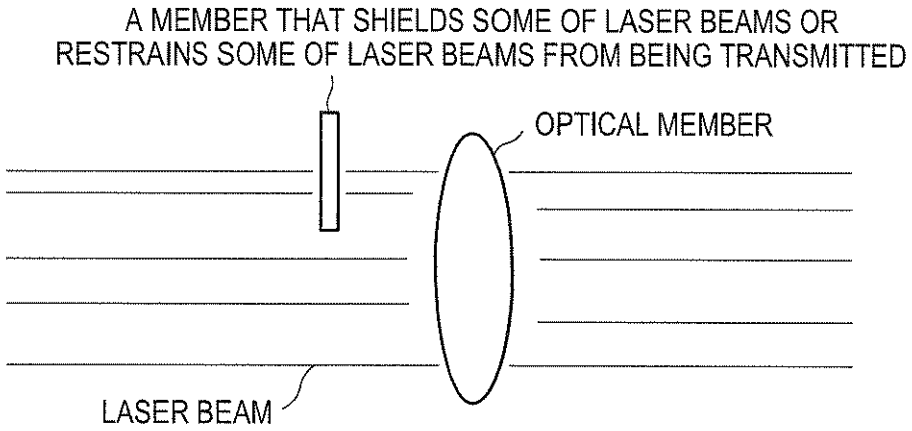


FIG.2

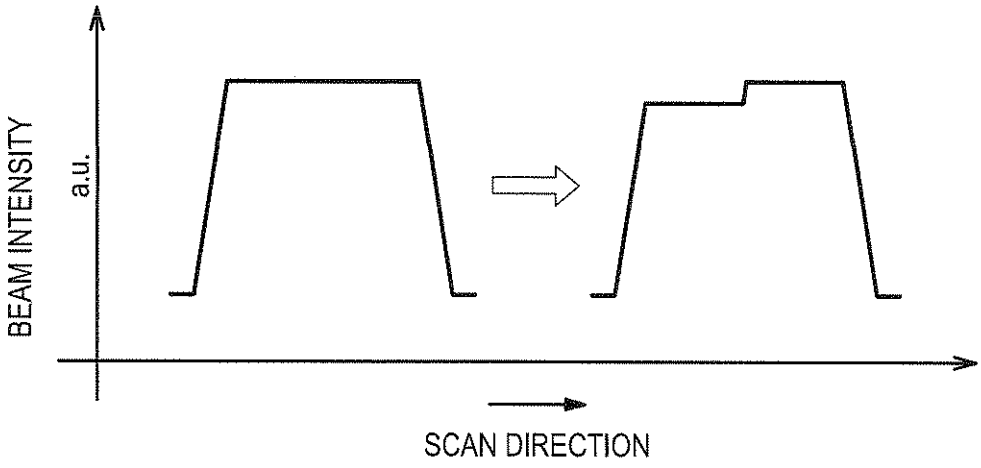


(a)

FIG.3

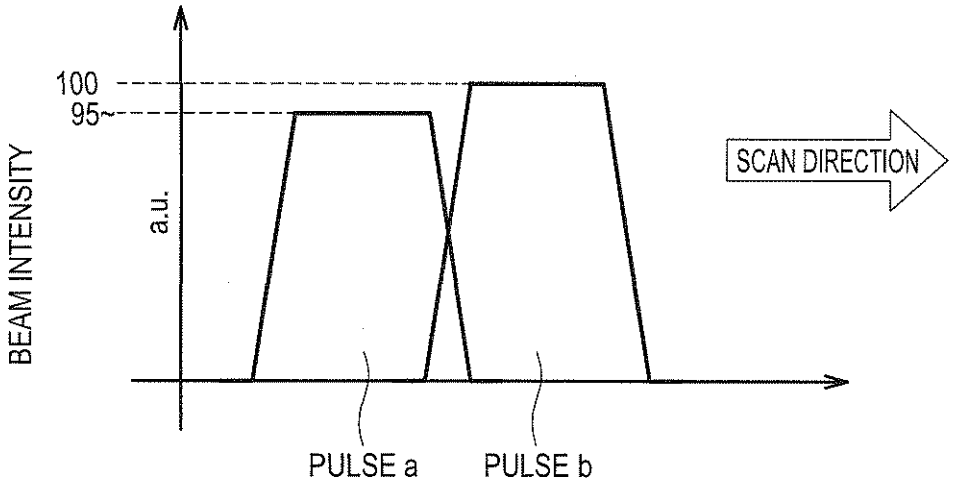

A MEMBER THAT SHIELDS SOME OF LASER BEAMS OR
RESTRAINS SOME OF LASER BEAMS FROM BEING TRANSMITTED
OPTICAL MEMBER
LASER BEAM

(a)

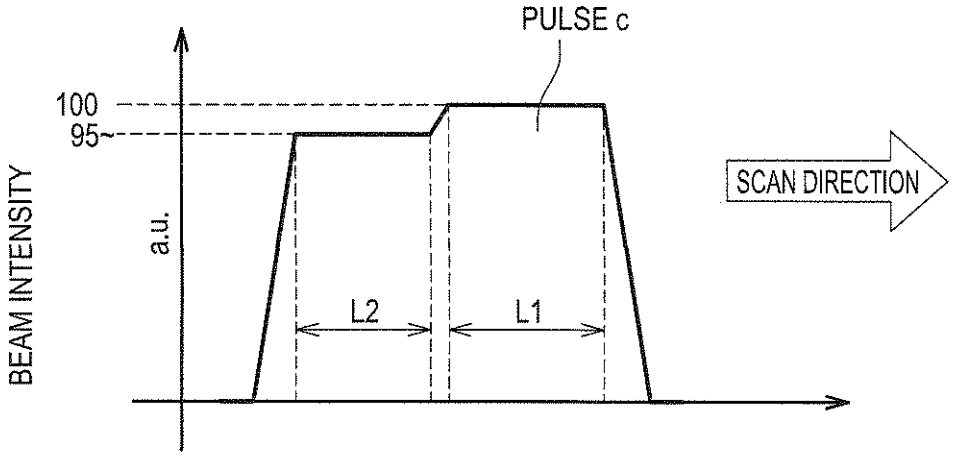

BEAM INTENSITY
a.u.
SCAN DIRECTION

(b)

FIG.4

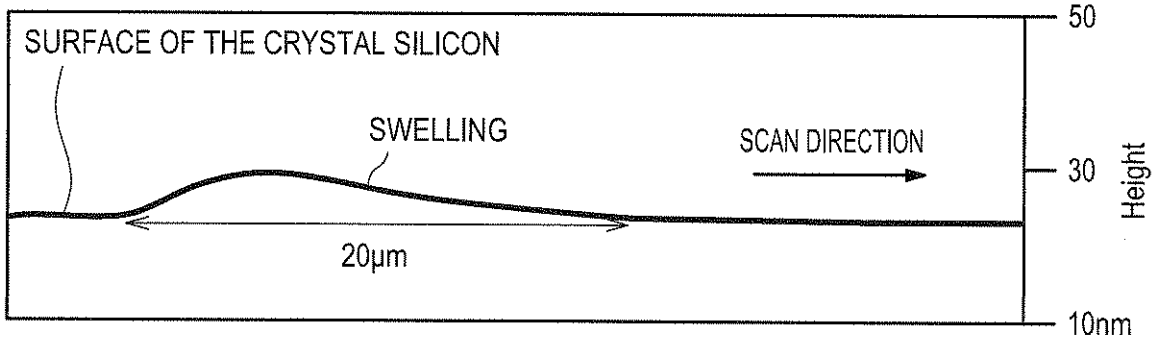

100
95~
BEAM INTENSITY
a.u.
SCAN DIRECTION
PULSE a
PULSE b

(a)

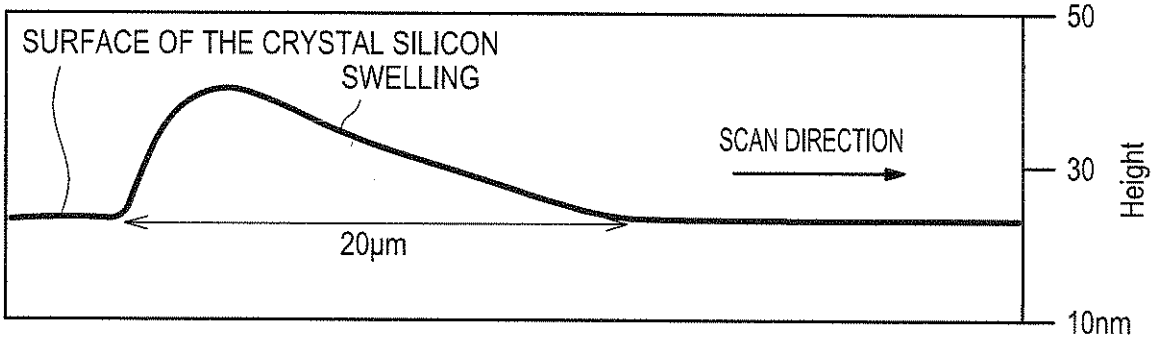

PULSE c
100
95~
BEAM INTENSITY
a.u.
SCAN DIRECTION
L2
L1

(b)

FIG.5

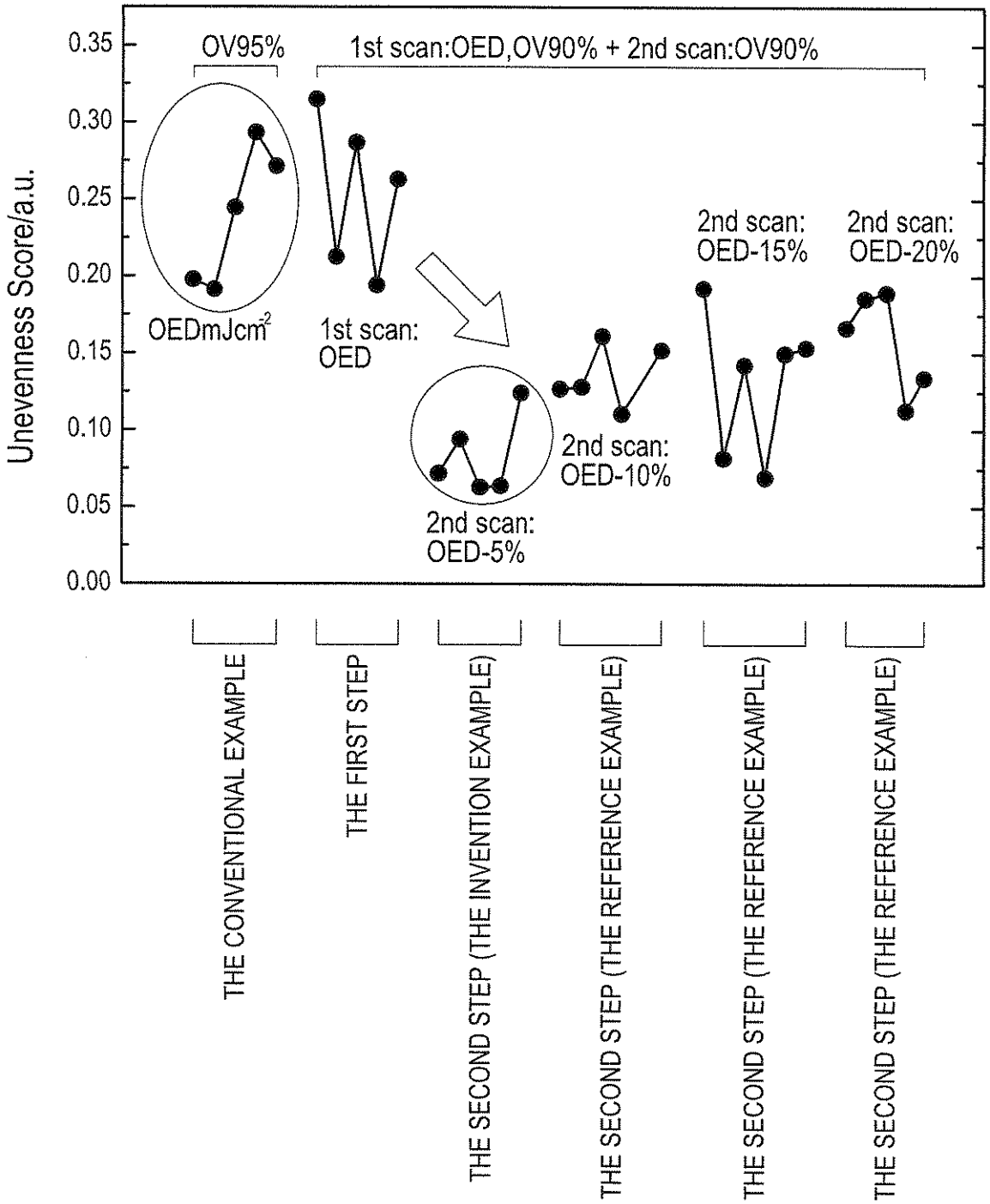

SURFACE OF THE CRYSTAL SILICON
SWELLING
SCAN DIRECTION
20μm
50
30
10nm
Height

(a)


SURFACE OF THE CRYSTAL SILICON
SWELLING
SCAN DIRECTION
20μm
50
30
10nm
Height

(b)

FIG.6


Unevenness Score/a.u.
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
OV95%
1st scan:OED,OV90% + 2nd scan:OV90%
OEDmJcm-2
1st scan: OED
2nd scan: OED-5%
2nd scan: OED-10%
2nd scan: OED-15%
2nd scan: OED-20%
THE CONVENTIONAL EXAMPLE
THE FIRST STEP
THE SECOND STEP (THE INVENTION EXAMPLE)
THE SECOND STEP (THE REFERENCE EXAMPLE)
THE SECOND STEP (THE REFERENCE EXAMPLE)
THE SECOND STEP (THE REFERENCE EXAMPLE)