

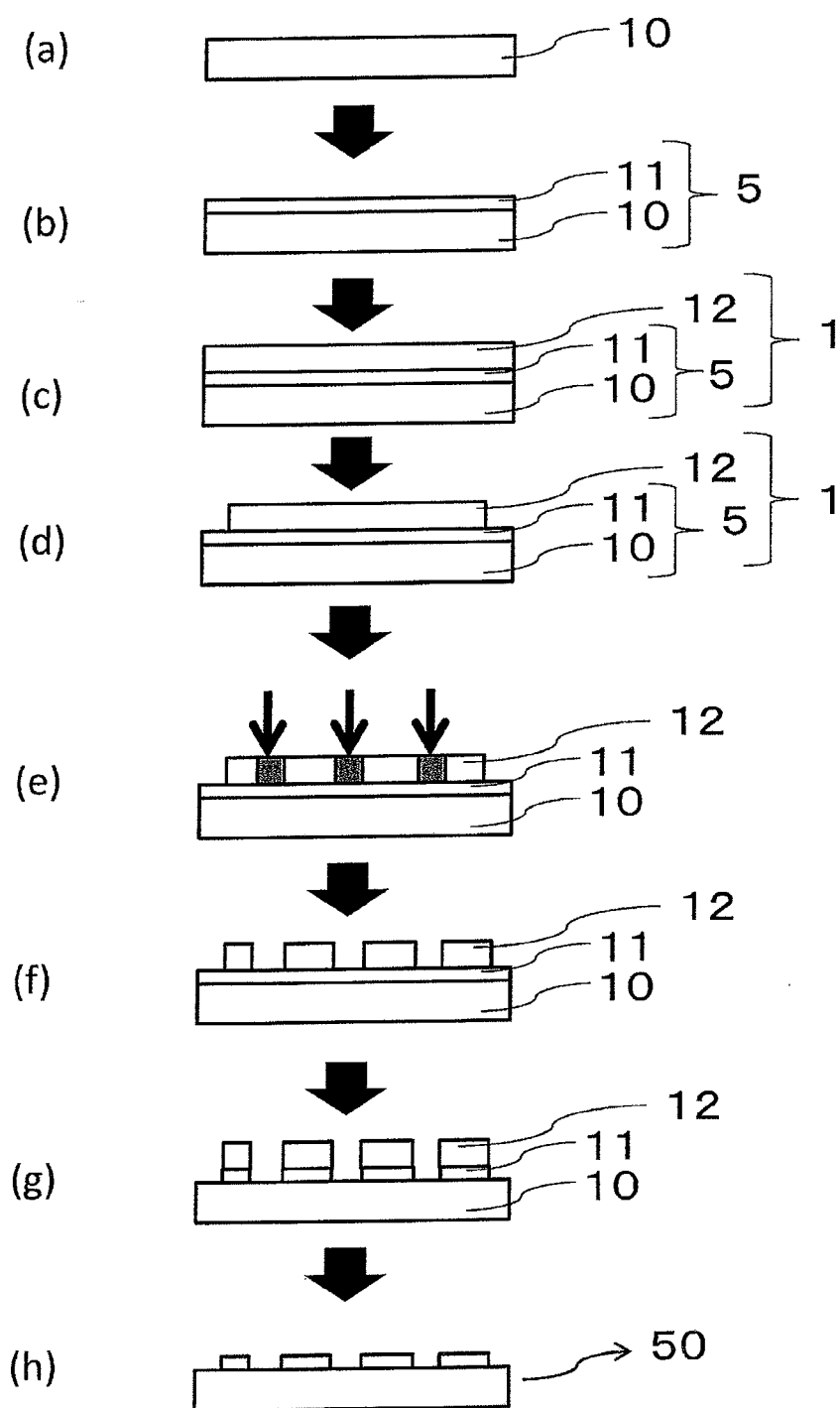


FIG. 1

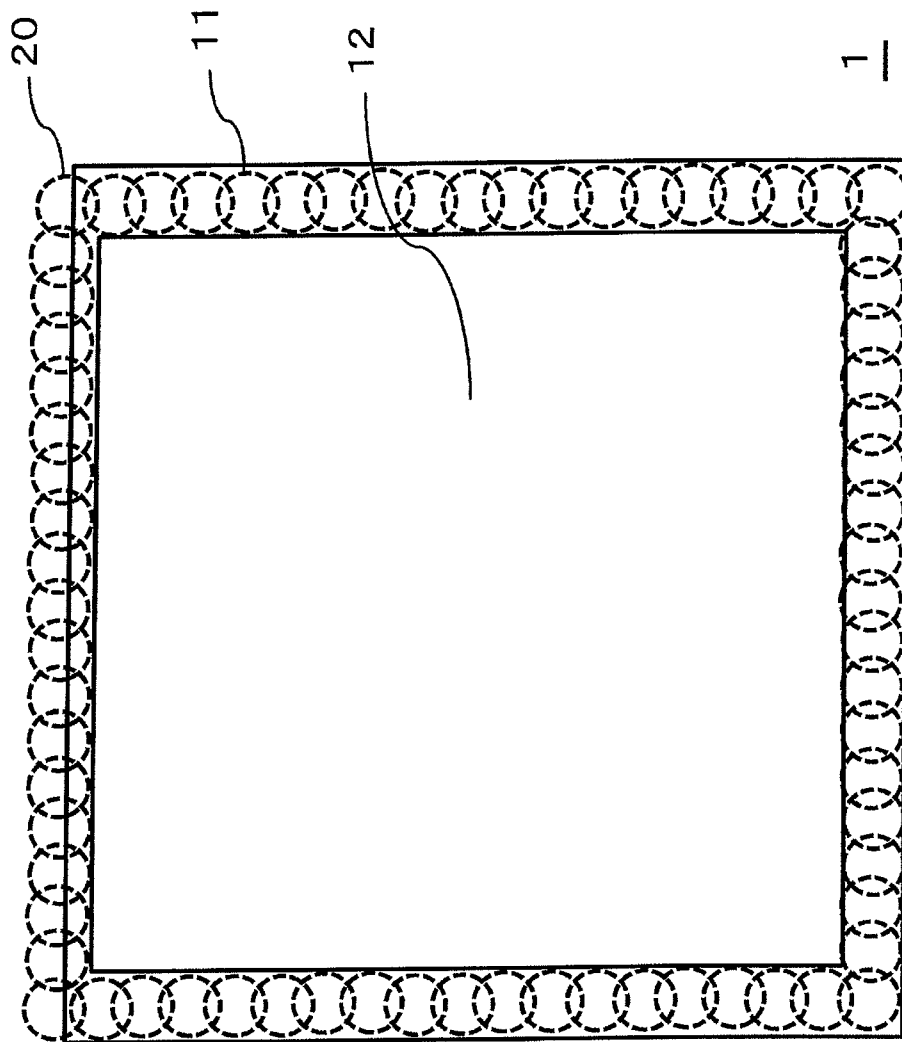


FIG. 2

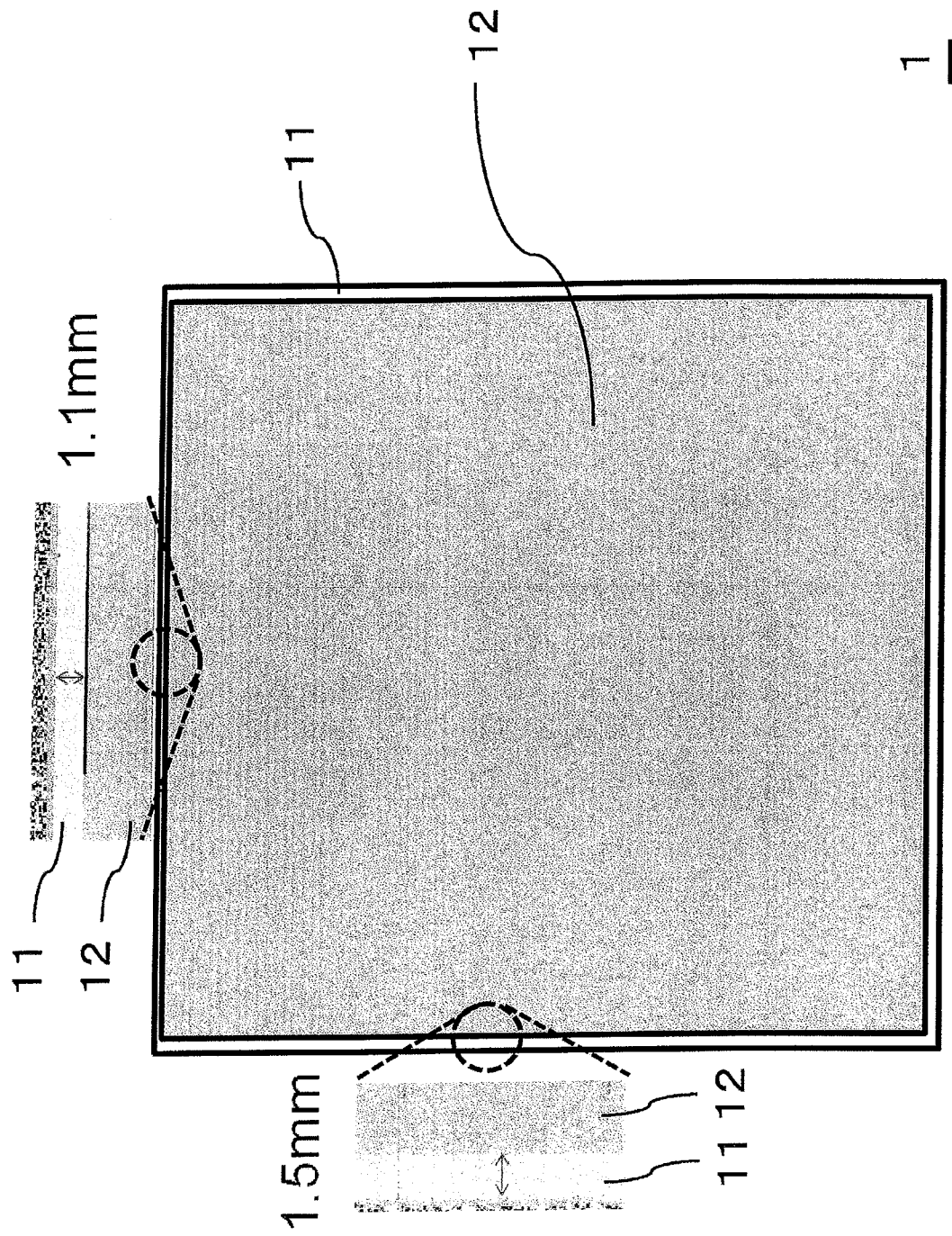
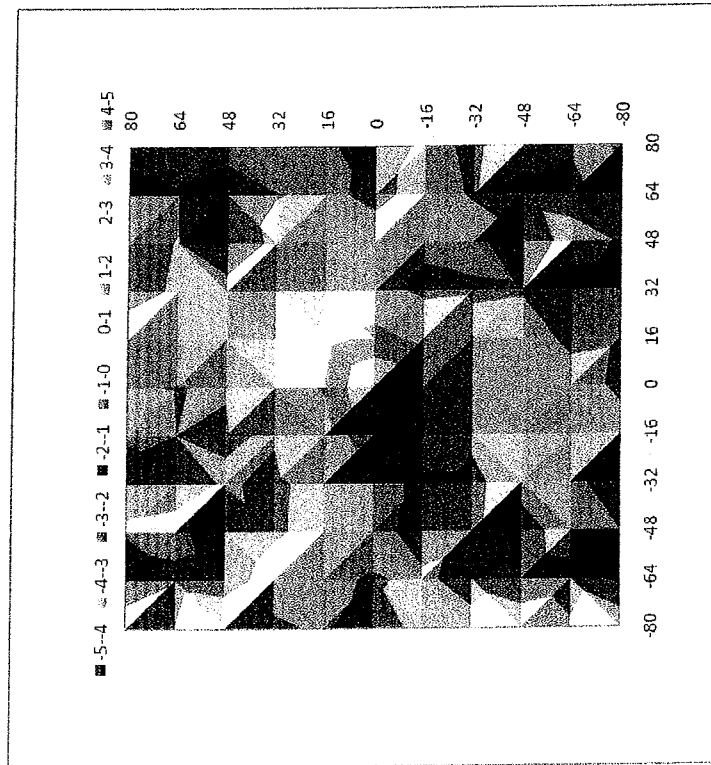


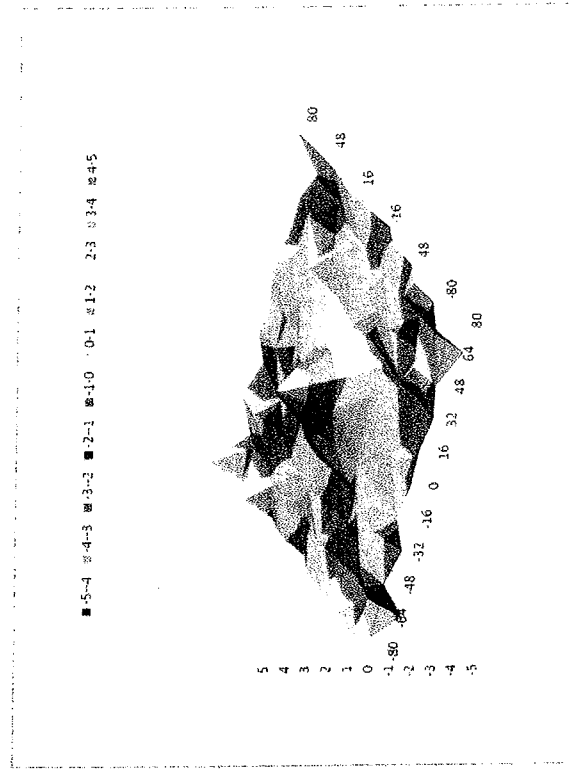
FIG. 3

FIG. 4

(a)



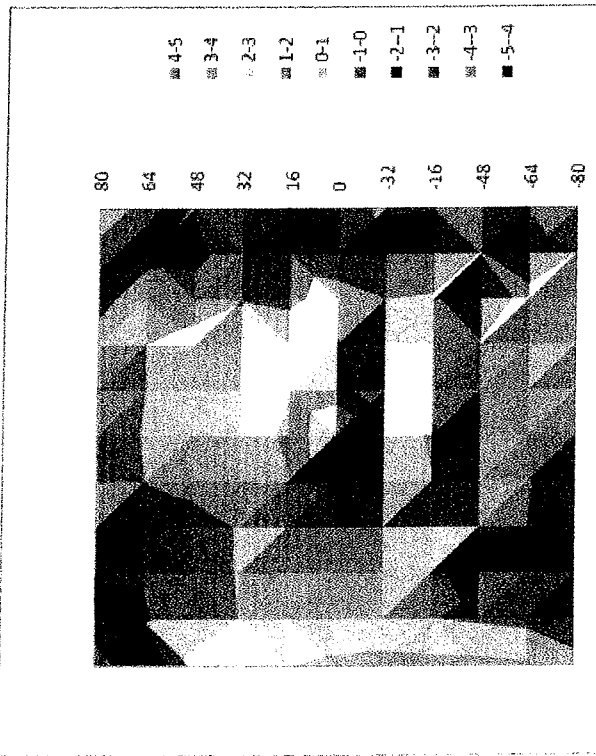
(b)



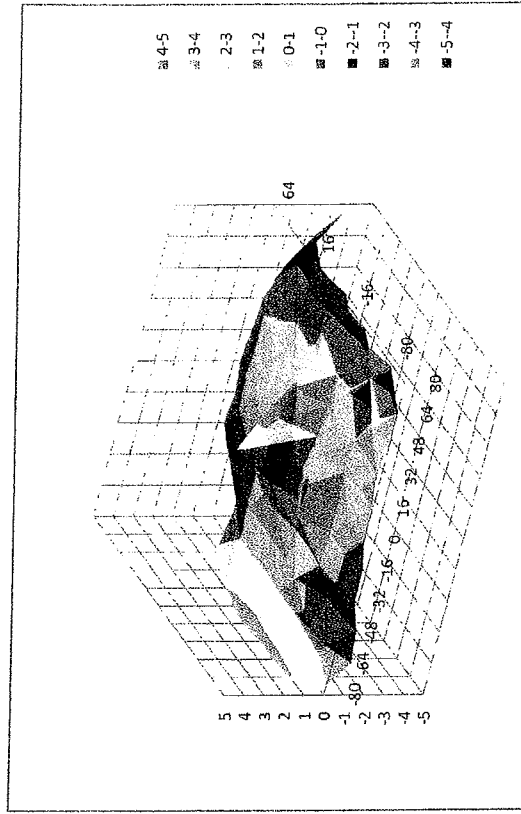
HORIZONTAL AXIS: SUBSTRATE COORDINATE ± 80 mm AREA
 VERTICAL AXIS: CD 100 nm DESIGN : 0 = AVERAGE VALUE
 AVERAGE: 101.1
 3σ : 1.54
 MAX-MIN: 4.39

FIG. 5

(a)



(b)



HORIZONTAL AXIS: SUBSTRATE COORDINATE ± 80 mm AREA
VERTICAL AXIS: CD 100 nm DESIGN : 0 = AVERAGE VALUE

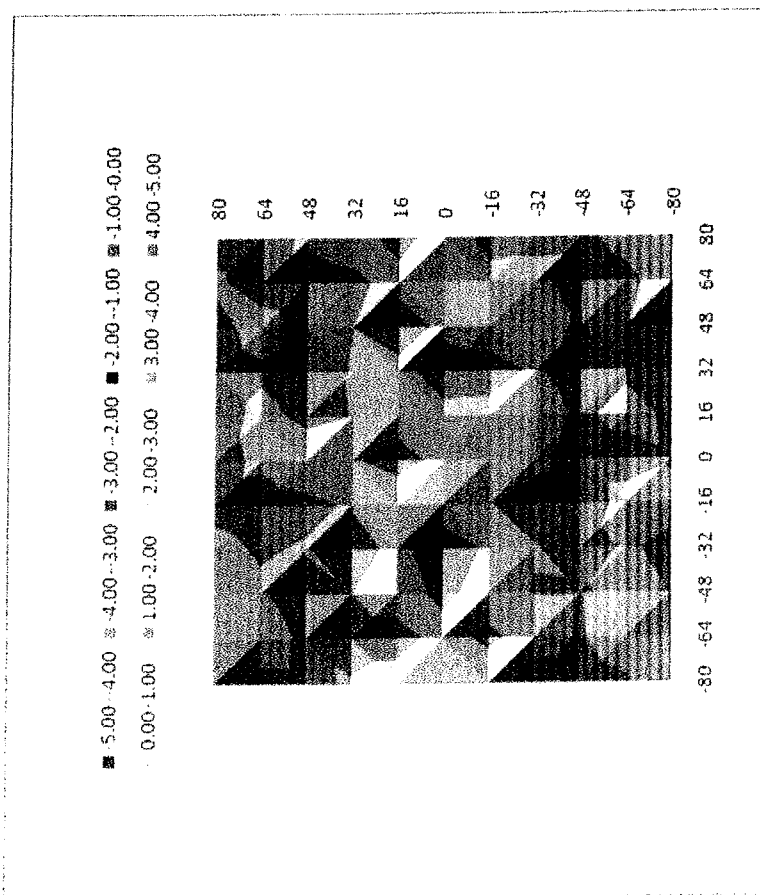
AVERAGE: 99.4

3 σ : 2.7541

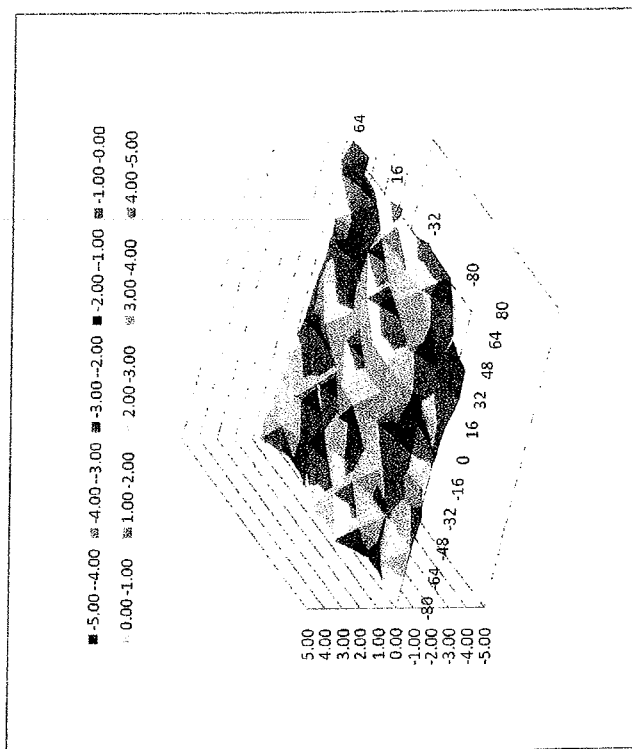
MAX-MIN: 7.2

FIG. 6

(a)



(b)



HORIZONTAL AXIS: SUBSTRATE COORDINATE ± 80 mm AREA

VERTICAL AXIS: CD 100 nm DESIGN : 0 = AVERAGE VALUE

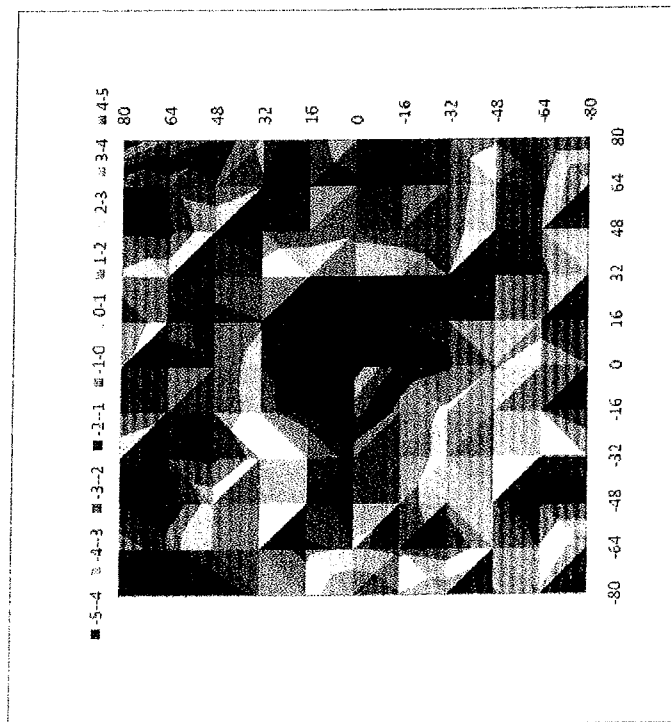
AVERAGE: 99.8

3 σ : 1.17

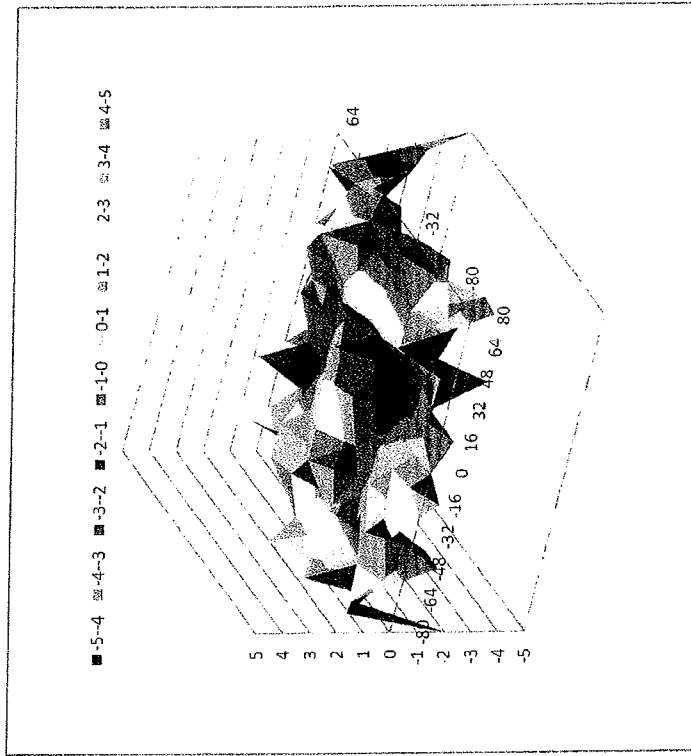
MAX-MIN: 1.41

FIG. 7

(a)



(b)

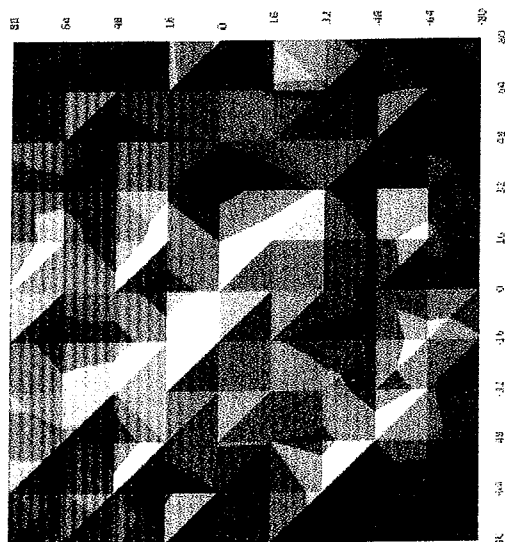


HORIZONTAL AXIS: SUBSTRATE COORDINATE ± 80 mm AREA
 VERTICAL AXIS: CD 100 nm DESIGN : 0 = AVERAGE VALUE
 AVERAGE: 99.7
 3 σ : 3.765422353
 MAX-MIN: 9.7206219571

FIG. 8

(a)

■ 5.00 -4.00 ■ 4.00 -3.00 ■ 3.00 -2.00 ■ 2.00 -1.00 ■ 1.00 -0.00 ■ 0.00 -1.00 ■ 1.00 -2.00 ■ 2.00 -3.00 ■ 3.00 -4.00 ■ 4.00 -5.00



HORIZONTAL AXIS: SUBSTRATE COORDINATE ± 80 mm AREA
VERTICAL AXIS: CD 100 nm DESIGN : 0 = AVERAGE VALUE

AVERAGE: 99.2

3 σ : 3.758774477

MAX-MIN: 9.63

(b)

■ 5.00 -4.00 ■ 4.00 -3.00 ■ 3.00 -2.00 ■ 2.00 -1.00 ■ 1.00 -0.00 ■ 0.00 -1.00 ■ 1.00 -2.00 ■ 2.00 -3.00 ■ 3.00 -4.00 ■ 4.00 -5.00

