FIG. 1

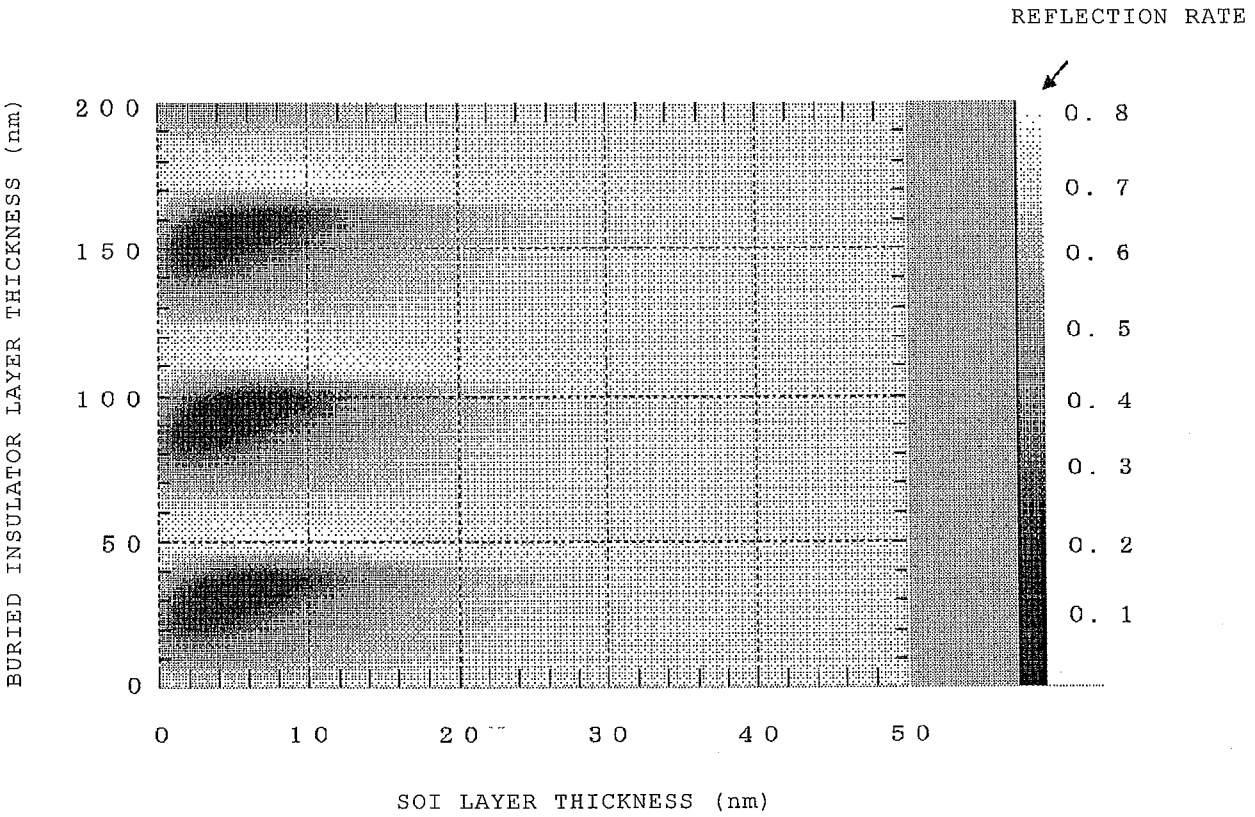

REFLECTION RATE
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
BURIED INSULATOR LAYER THICKNESS (nm)
200
150
100
50
0
0
10
20
30
40
50
SOI LAYER THICKNESS (nm)

FIG. 2

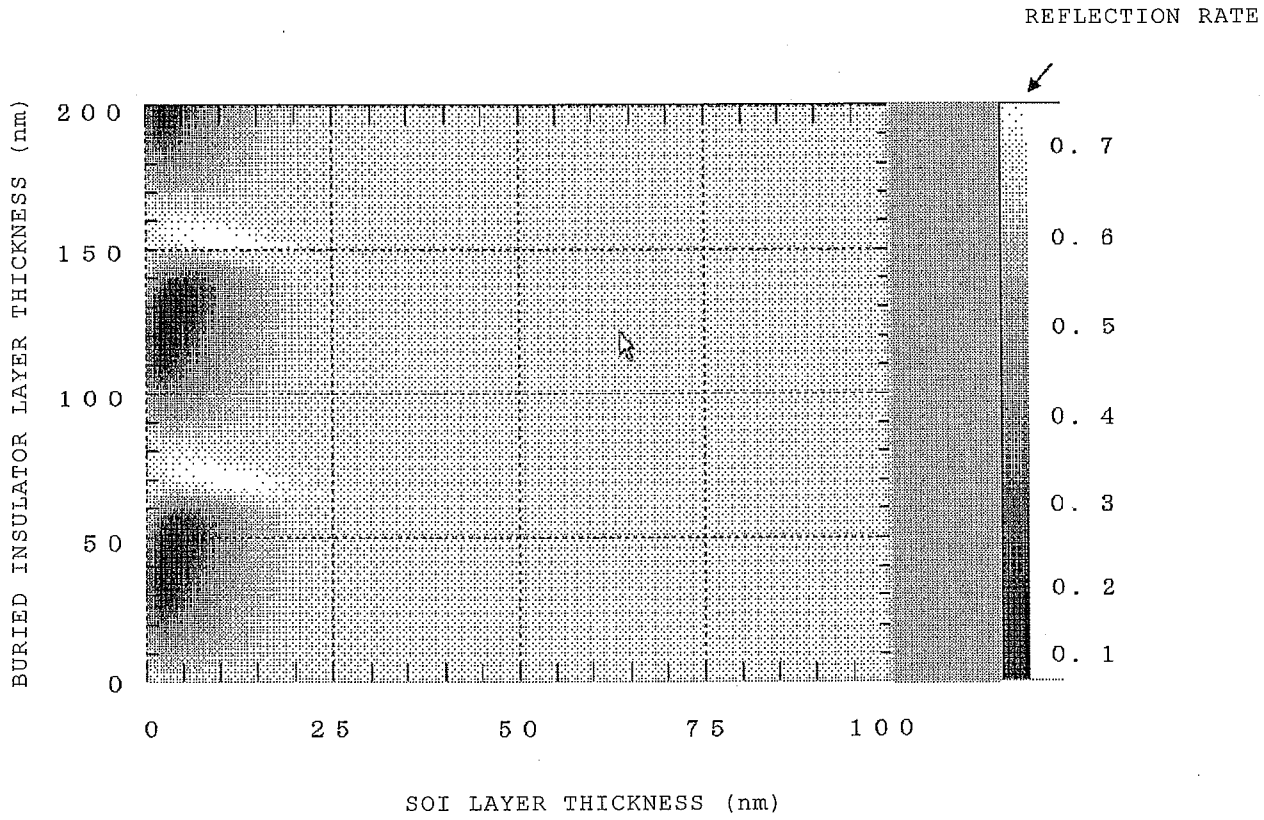

REFLECTION RATE
0.7
0.6
0.5
0.4
0.3
0.2
0.1
BURIED INSULATOR LAYER THICKNESS (nm)
200
150
100
50
0
0
25
50
75
100
SOI LAYER THICKNESS (nm)

FIG. 3

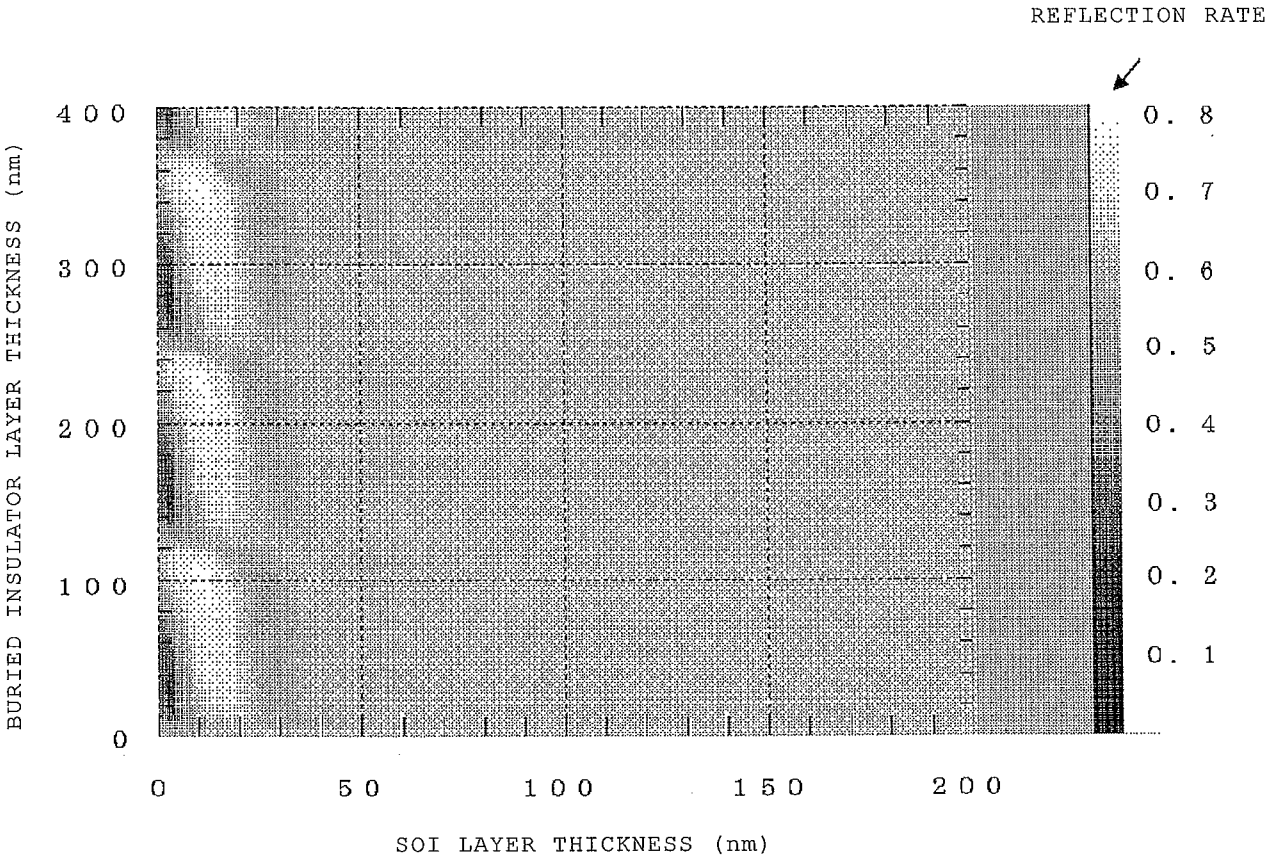

REFLECTION RATE
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
400
300
200
100
0
BURIED INSULATOR LAYER THICKNESS (nm)
0
50
100
150
200
SOI LAYER THICKNESS (nm)

FIG. 4

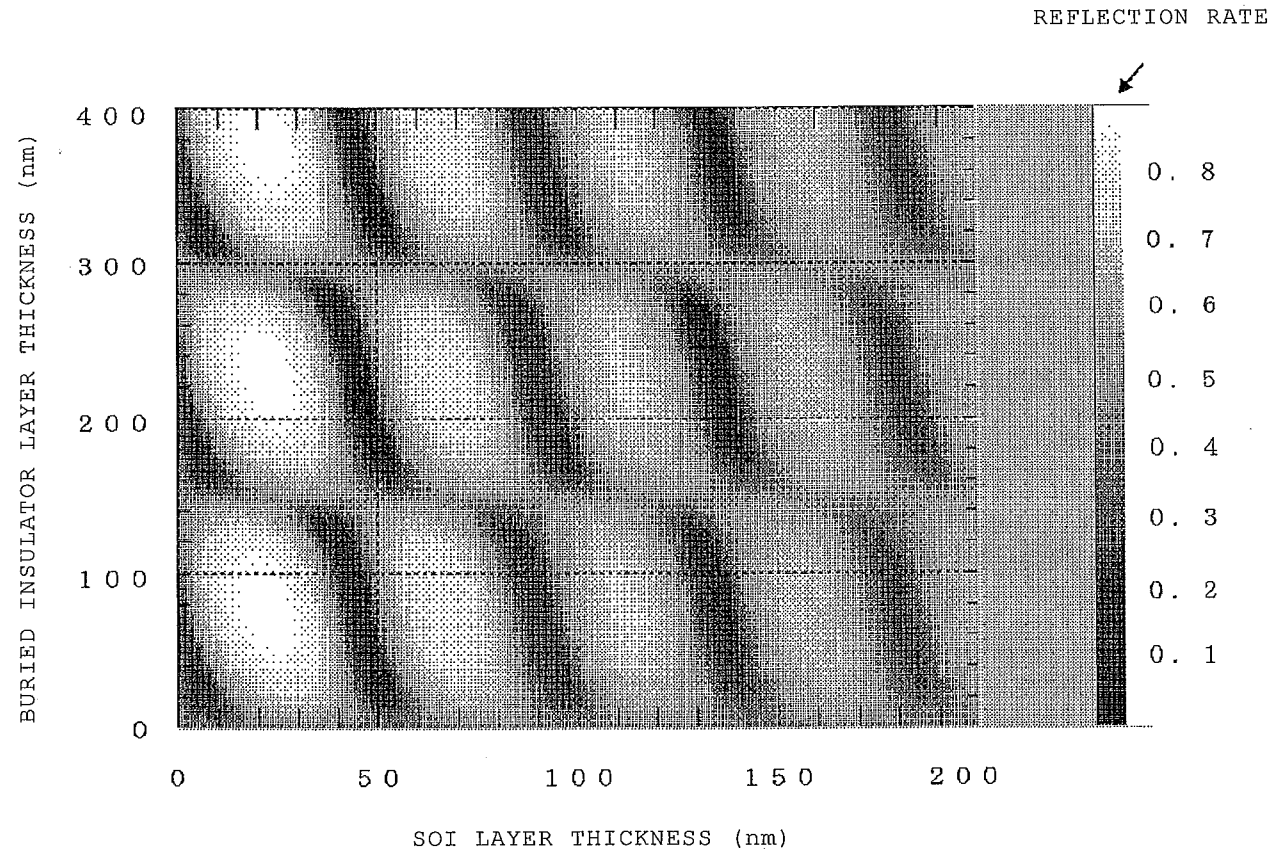

REFLECTION RATE
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
400
300
200
100
0
BURIED INSULATOR LAYER THICKNESS (nm)
0
50
100
150
200
SOI LAYER THICKNESS (nm)

FIG. 5

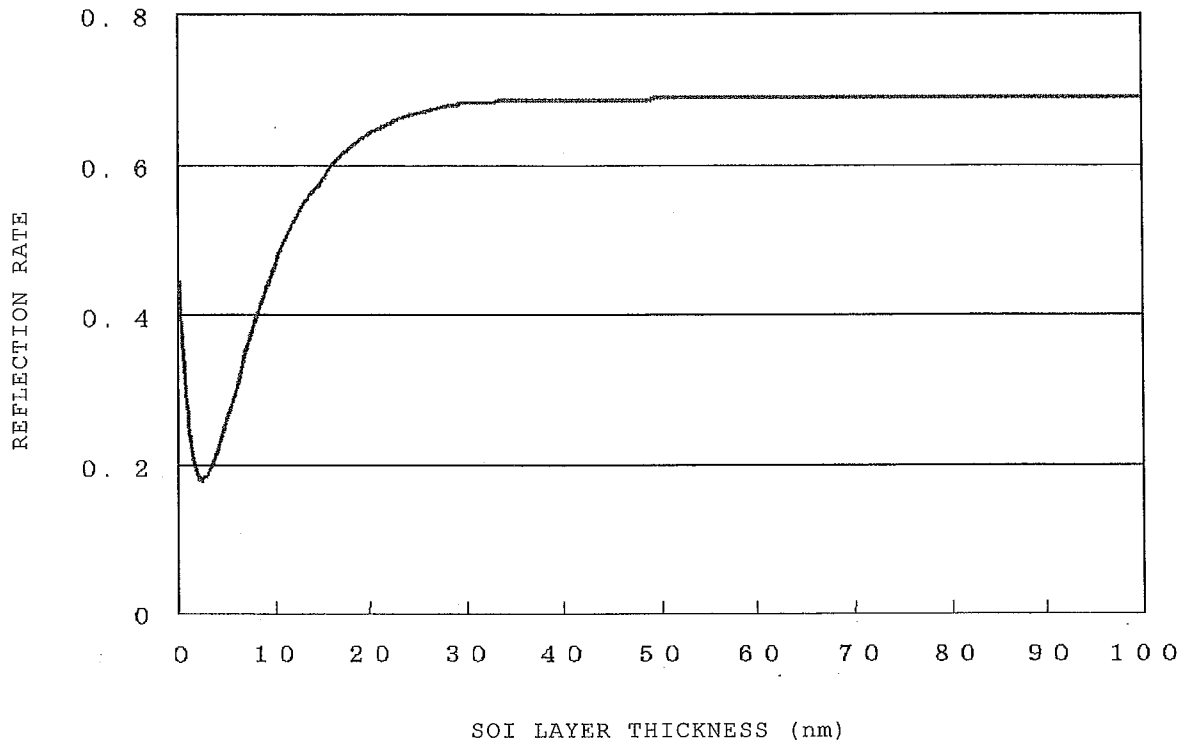

0.8
0.6
0.4
0.2
0
REFLECTION RATE
0 10 20 30 40 50 60 70 80 90 100
SOI LAYER THICKNESS (nm)

FIG. 6

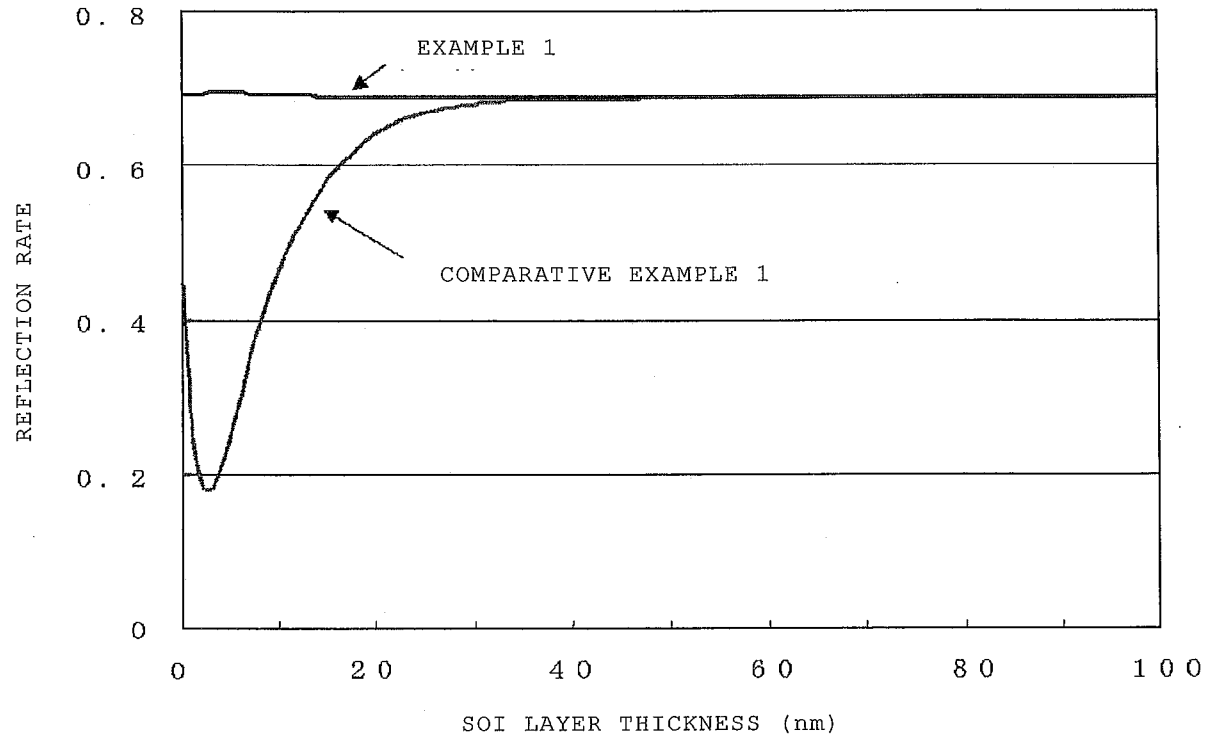

0.8
0.6
0.4
0.2
0
REFLECTION RATE
EXAMPLE 1
COMPARATIVE EXAMPLE 1
0 20 40 60 80 100
SOI LAYER THICKNESS (nm)

FIG. 7

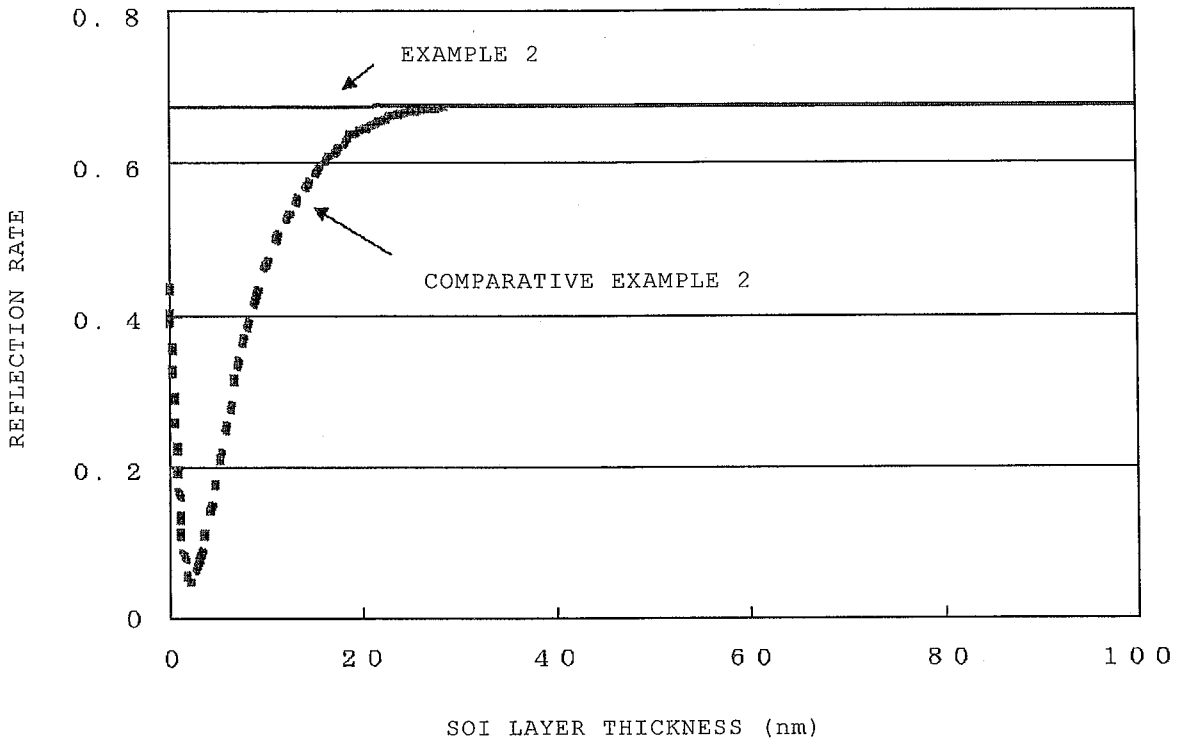

0.8
0.6
0.4
0.2
0
REFLECTION RATE
EXAMPLE 2
COMPARATIVE EXAMPLE 2
0
20
40
60
80
100
SOI LAYER THICKNESS (nm)

FIG. 8

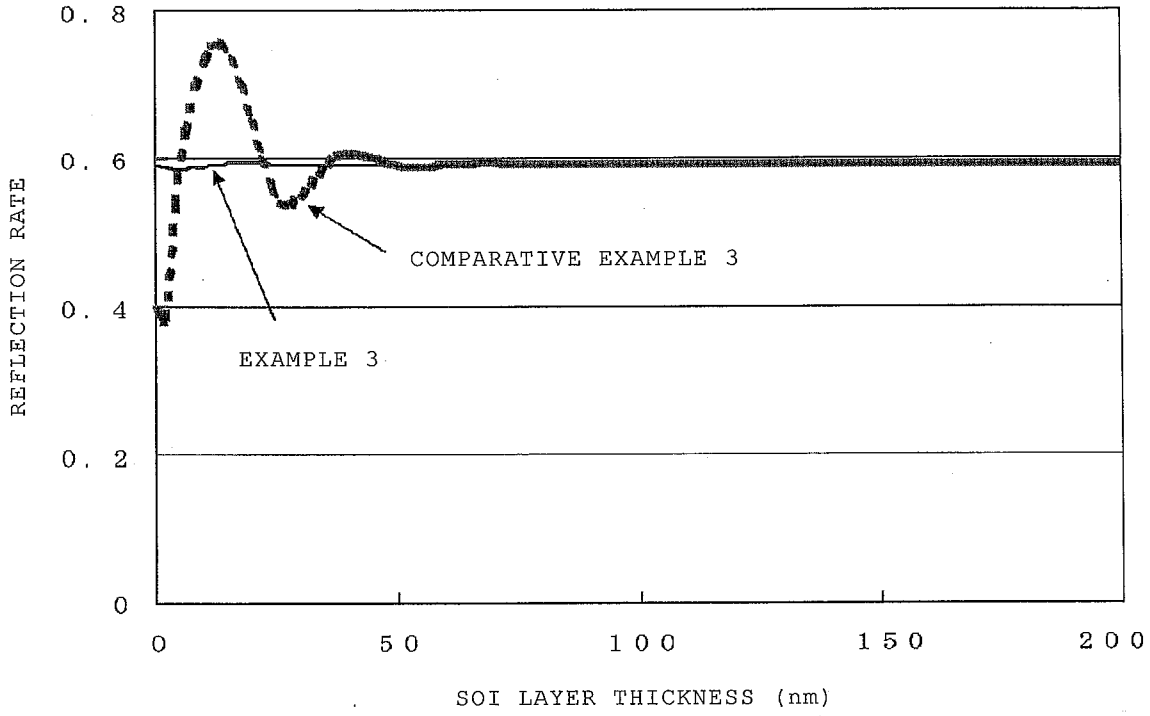

0.8
0.6
0.4
0.2
0
REFLECTION RATE
COMPARATIVE EXAMPLE 3
EXAMPLE 3
0
50
100
150
200
SOI LAYER THICKNESS (nm)

FIG. 9

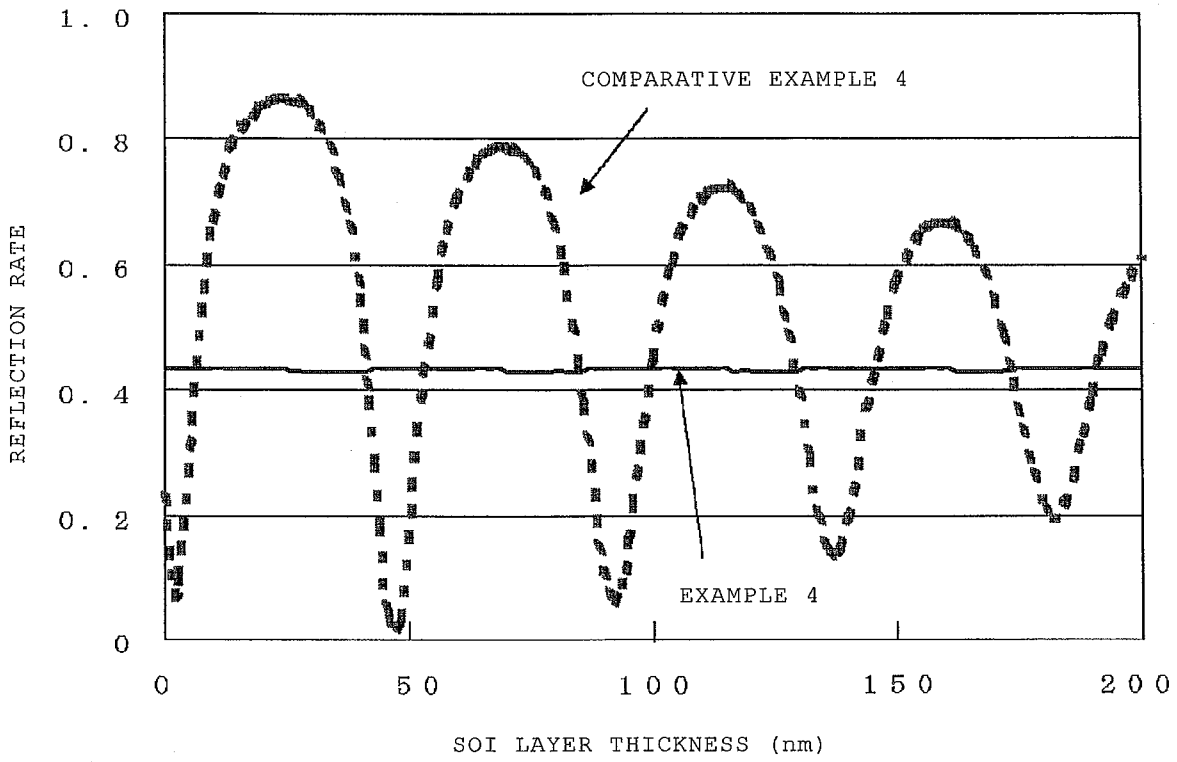
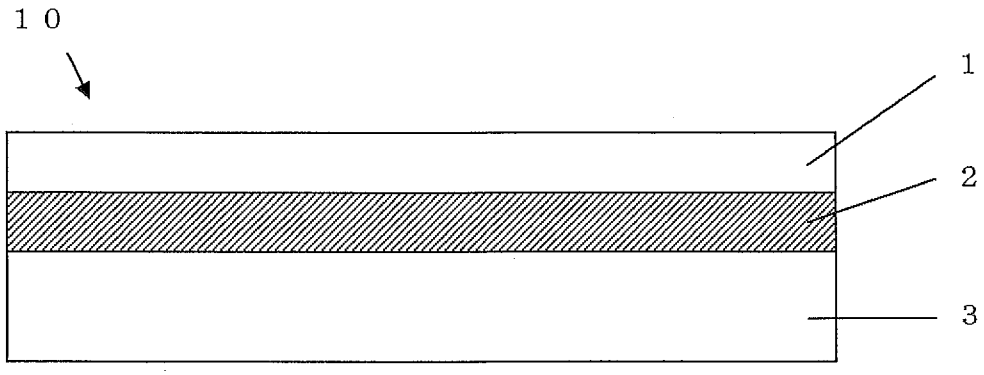

1.0
0.8
0.6
0.4
0.2
0
REFLECTION RATE
COMPARATIVE EXAMPLE 4
EXAMPLE 4
0
50
100
150
200
SOI LAYER THICKNESS (nm)

FIG. 10


10
1
2
3