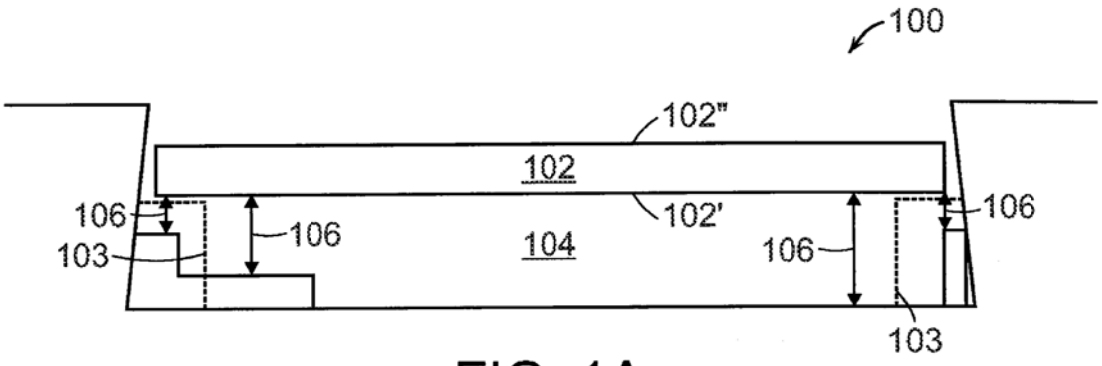


FIG. 1A

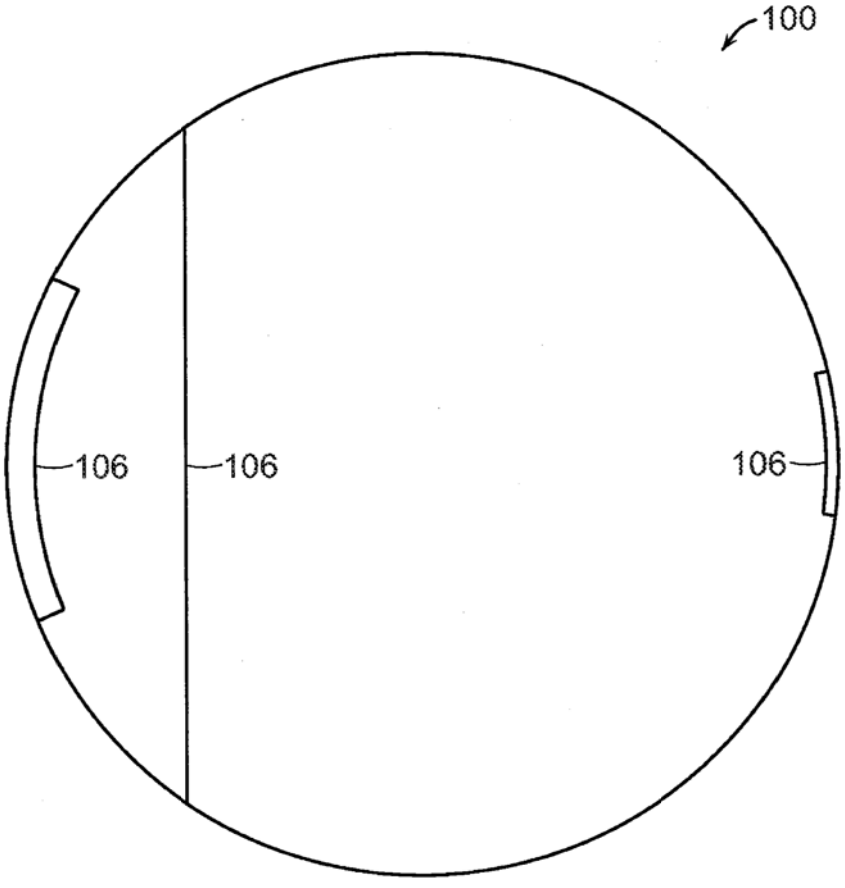


FIG. 1B

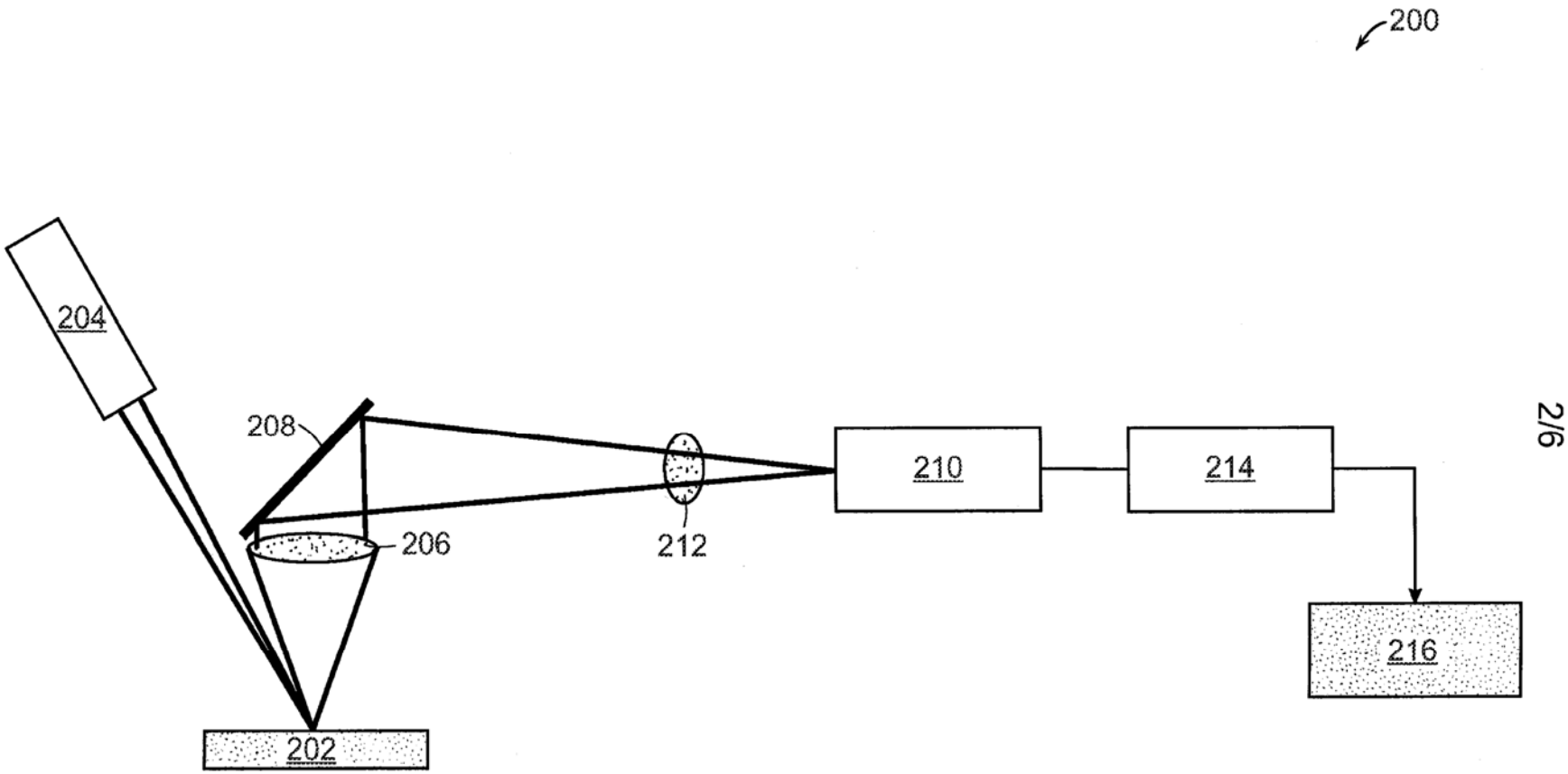
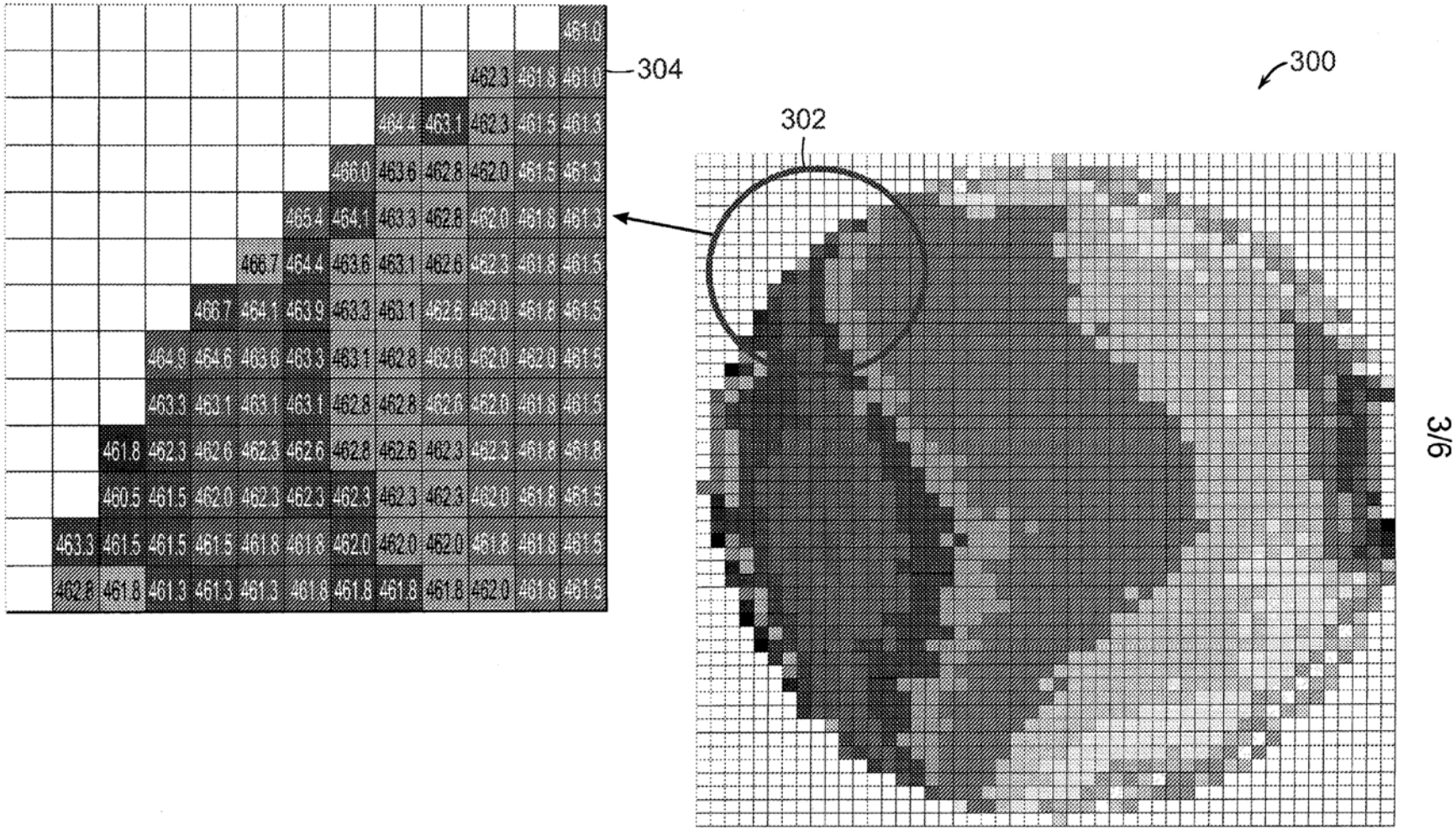


FIG. 2
PRIOR ART


304
300
302
461.0
462.3 461.8 461.0
464.4 463.1 462.3 461.5 461.3
466.0 463.6 462.8 462.0 461.5 461.3
465.4 464.1 463.3 462.8 462.0 461.8 461.3
466.7 464.4 463.6 463.1 462.6 462.3 461.8 461.5
466.7 464.1 463.9 463.3 463.1 462.6 462.0 461.8 461.5
464.9 464.6 463.6 463.3 463.1 462.8 462.6 462.0 462.0 461.5
463.3 463.1 463.1 463.1 462.8 462.8 462.6 462.0 461.8 461.5
461.8 462.3 462.6 462.3 462.6 462.8 462.6 462.3 462.3 461.8 461.8
460.5 461.5 462.0 462.3 462.3 462.3 462.3 462.3 462.0 461.8 461.5
463.3 461.5 461.5 461.5 461.8 461.8 462.0 462.0 462.0 461.8 461.8 461.5
462.6 461.8 461.3 461.3 461.3 461.8 461.8 461.8 461.8 462.0 461.8 461.5

3/6

FIG. 3

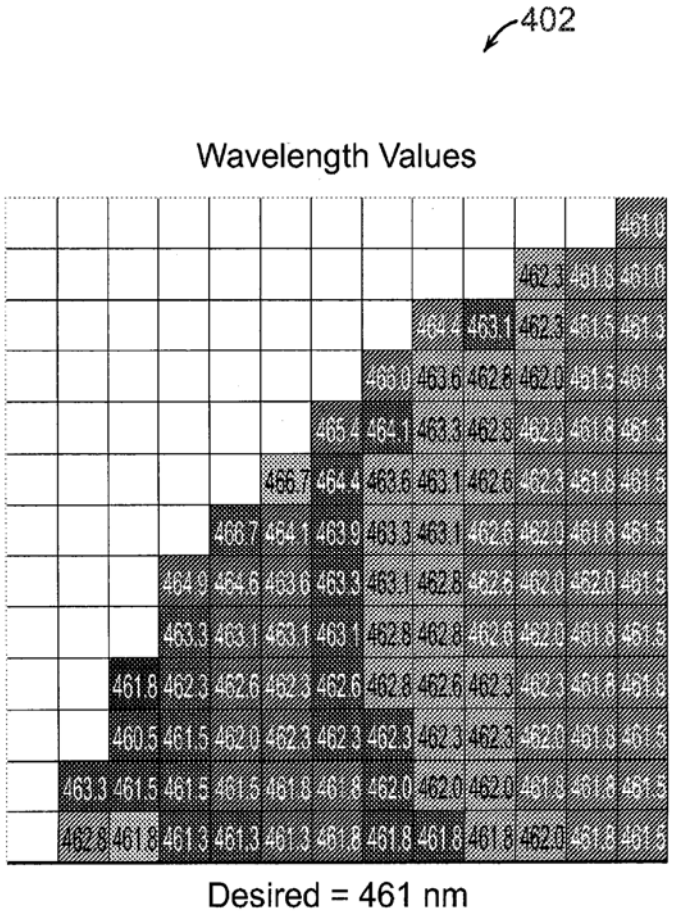

402
Wavelength Values
461.0
462.3 461.8 461.0
464.4 463.1 462.3 461.5 461.3
466.0 463.6 462.8 462.0 461.5 461.3
465.4 464.1 463.3 462.8 462.3 461.8 461.3
466.7 464.4 463.6 463.1 462.6 462.3 461.8 461.5
466.7 464.1 463.9 463.3 463.1 462.6 462.0 461.8 461.5
464.9 464.6 463.6 463.3 463.1 462.8 462.6 462.0 462.0 461.5
463.3 463.1 463.1 463.1 462.8 462.8 462.6 462.0 461.8 461.5
461.8 462.3 462.6 462.3 462.6 462.8 462.6 462.3 462.3 461.8 461.8
460.5 461.5 462.0 462.3 462.3 462.3 462.3 462.3 462.0 461.8 461.5
463.3 461.5 461.5 461.5 461.8 461.8 462.0 462.0 462.0 461.8 461.8 461.5
462.8 461.8 461.3 461.3 461.3 461.8 461.8 461.8 461.8 462.0 461.8 461.5
Desired = 461 nm

FIG. 4A

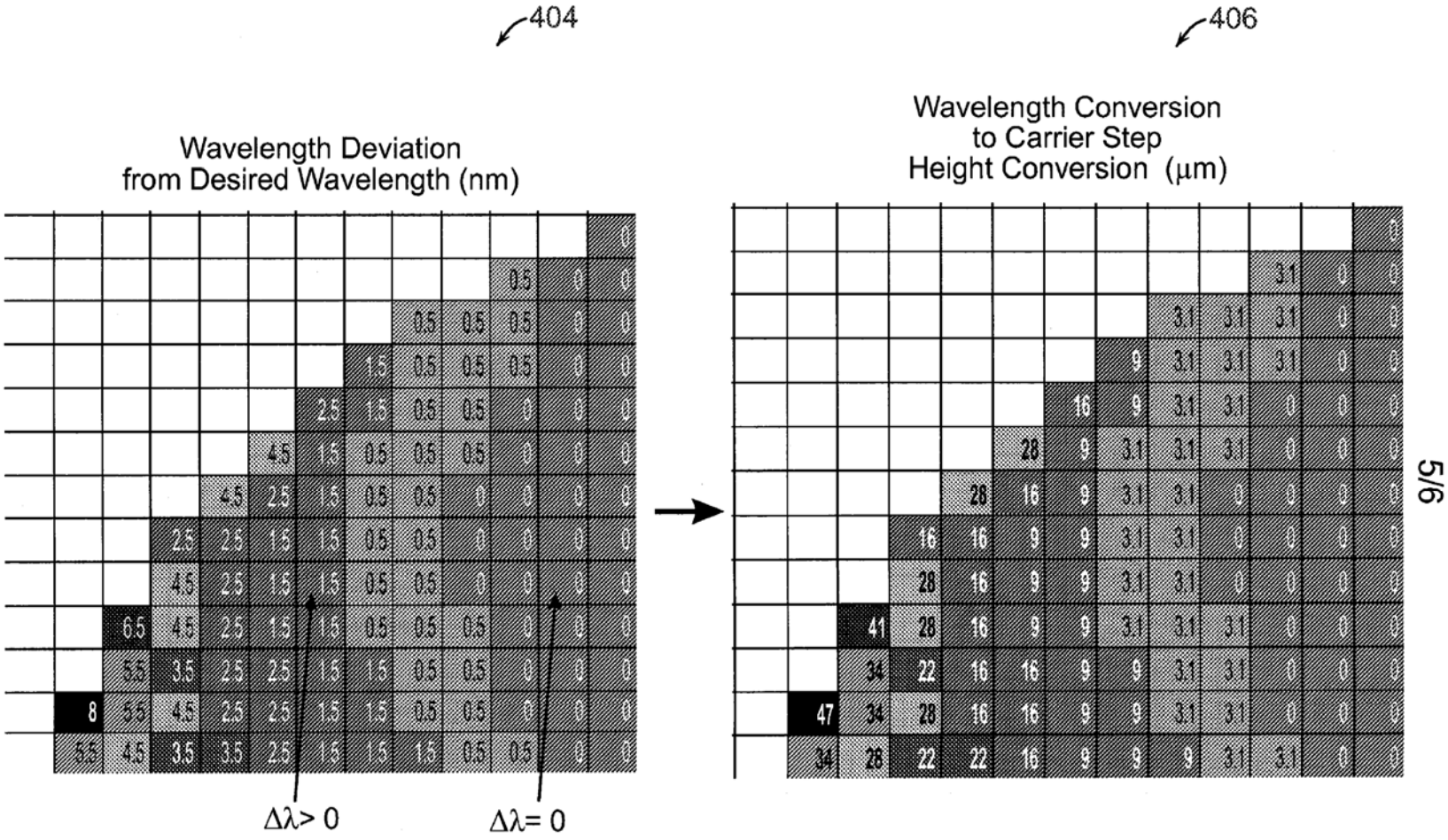

404
Wavelength Deviation
from Desired Wavelength (nm)
Δλ> 0
Δλ= 0
406
Wavelength Conversion
to Carrier Step
Height Conversion (μm)

FIG. 4B

FIG. 4C

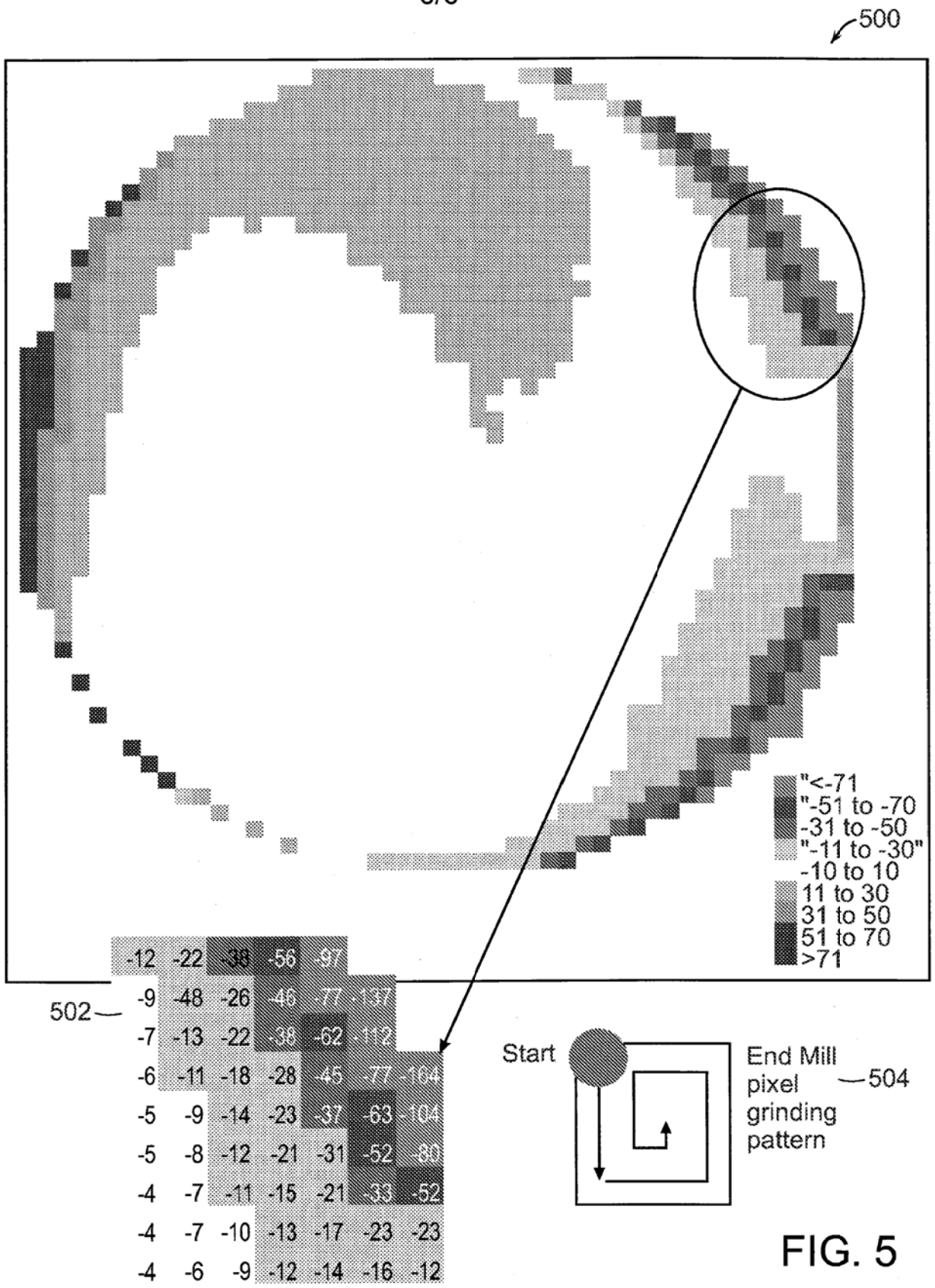

500
"<-71
"-51 to -70
-31 to -50
"-11 to -30"
-10 to 10
11 to 30
31 to 50
51 to 70
>71
502
-12 -22 -38 -56 -97
-9 -48 -26 -46 -77 -137
-7 -13 -22 -38 -62 -112
-6 -11 -18 -28 -45 -77 -104
-5 -9 -14 -23 -37 -63 -104
-5 -8 -12 -21 -31 -52 -80
-4 -7 -11 -15 -21 -33 -52
-4 -7 -10 -13 -17 -23 -23
-4 -6 -9 -12 -14 -16 -12
Start
End Mill
pixel
grinding
pattern
504

FIG. 5