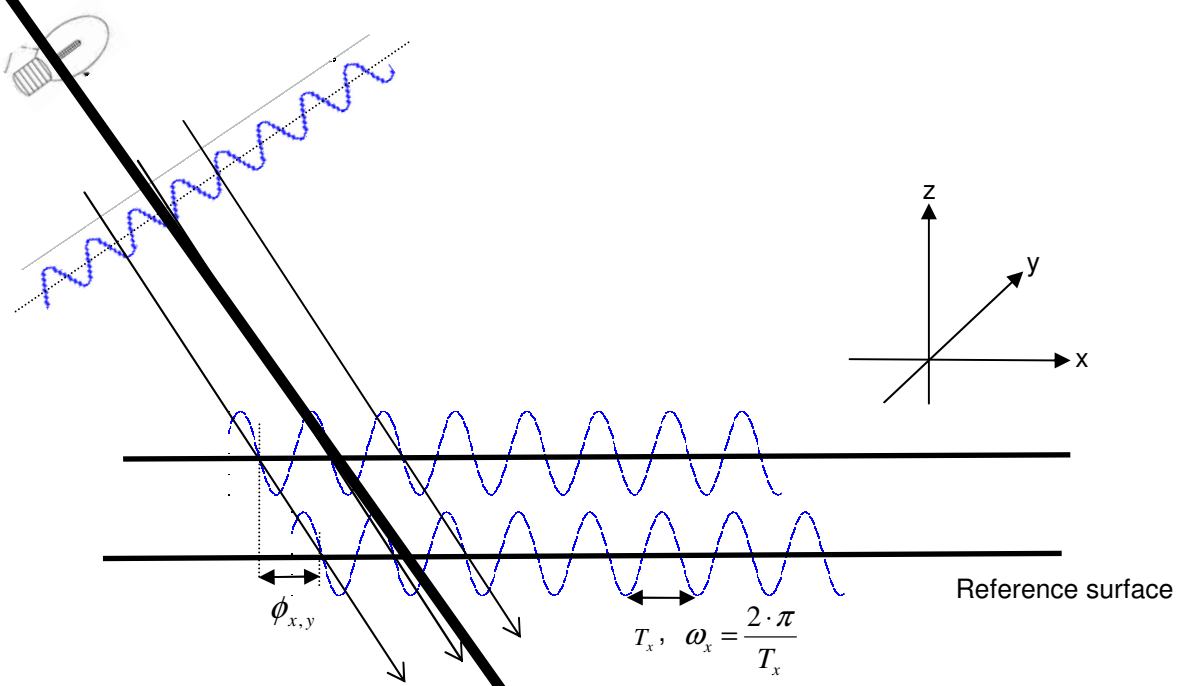
z
y
x
Reference surface
$\phi_{x,y}$
T_x, $\omega_x = \frac{2 \cdot \pi}{T_x}$

FIG. 3

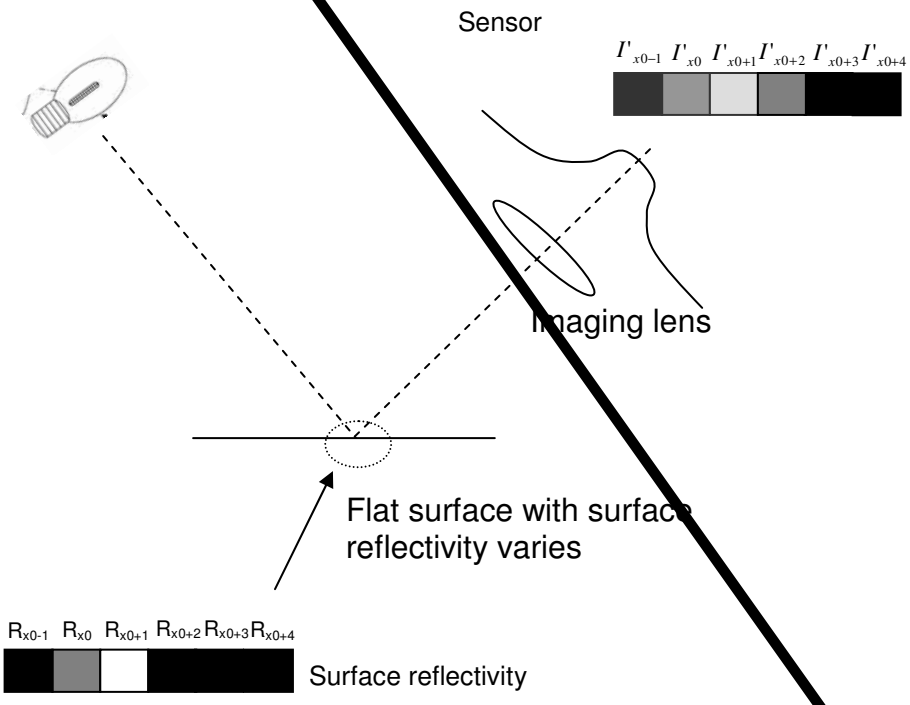
Sensor
I'_{x0-1} I'_{x0} I'_{x0+1} I'_{x0+2} I'_{x0+3} I'_{x0+4}
Imaging lens
Flat surface with surface reflectivity varies
R_{x0-1} R_{x0} R_{x0+1} R_{x0+2} R_{x0+3} R_{x0+4}
Surface reflectivity

FIG. 4

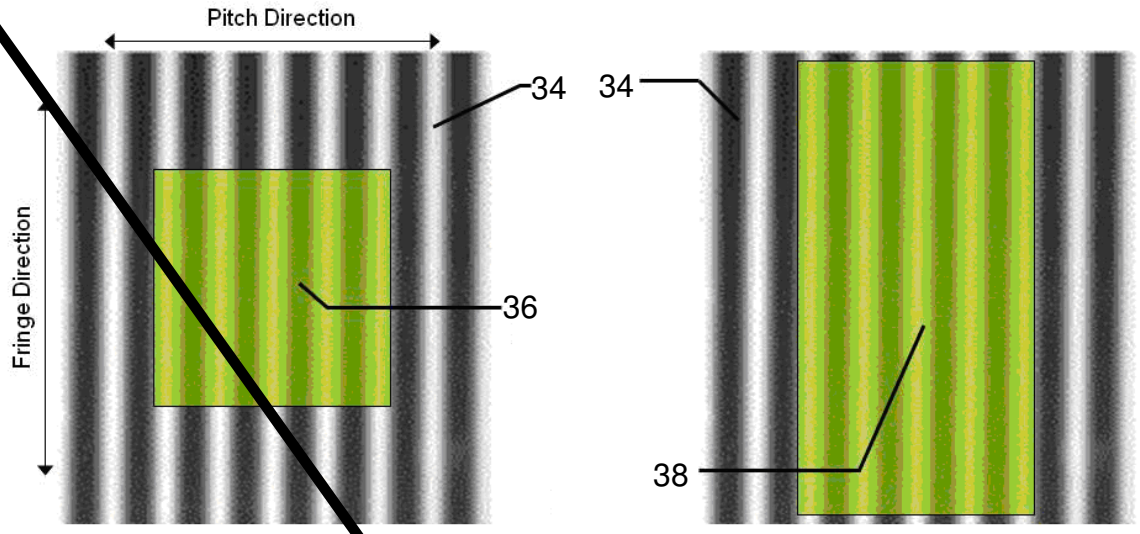
Pitch Direction
Fringe Direction
34
36
34
38

FIG. 7

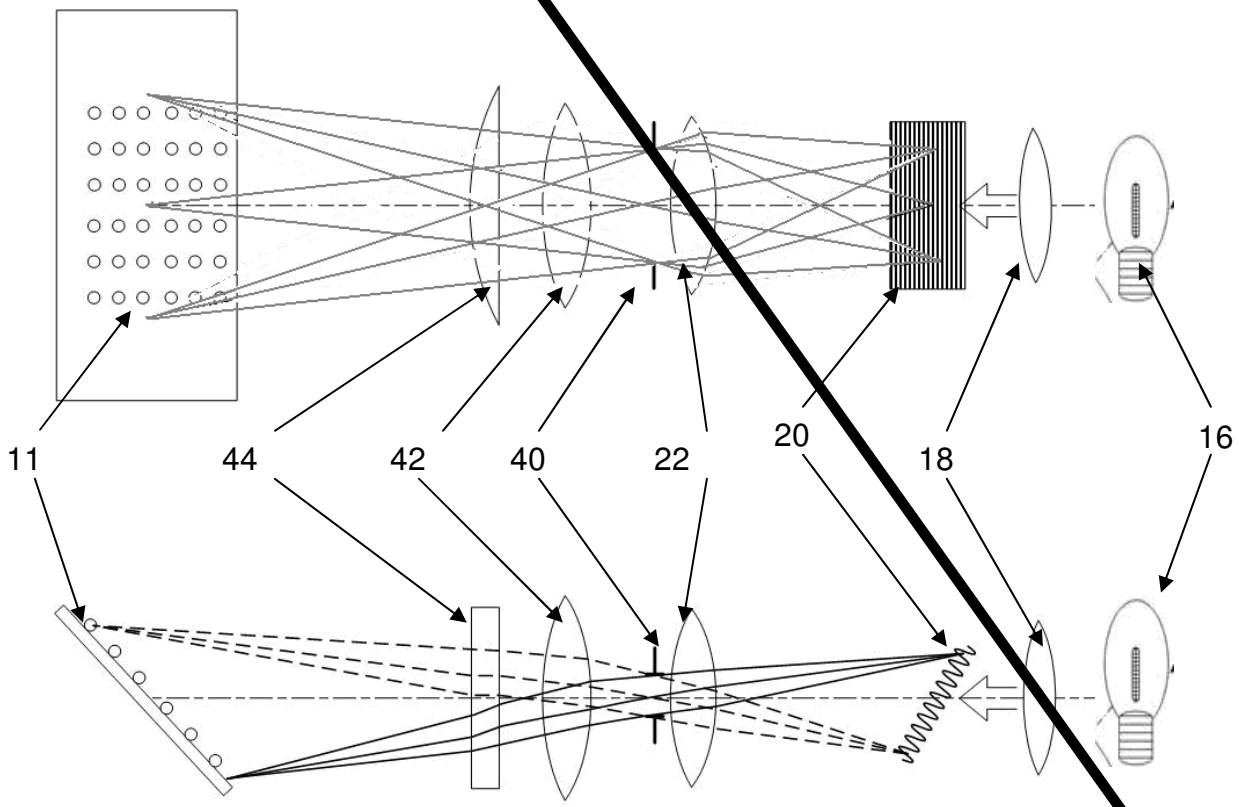
11
44
42
40
22
20
18
16

FIG. 8

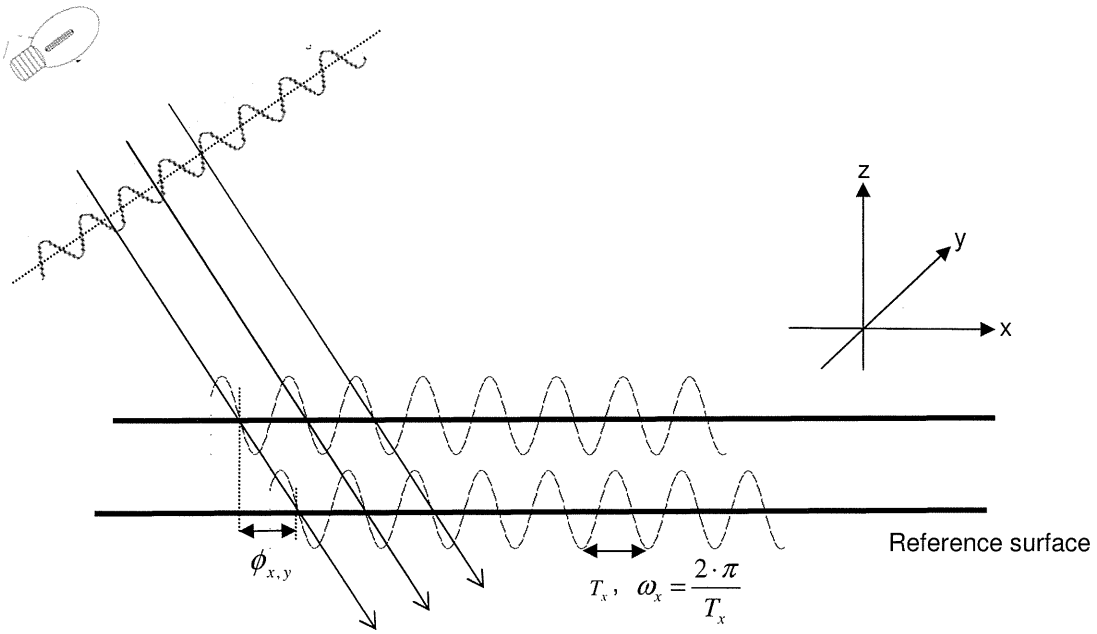
z
y
x
Reference surface
$\phi_{x,y}$
T_x, $\omega_x = \frac{2 \cdot \pi}{T_x}$

FIG. 3

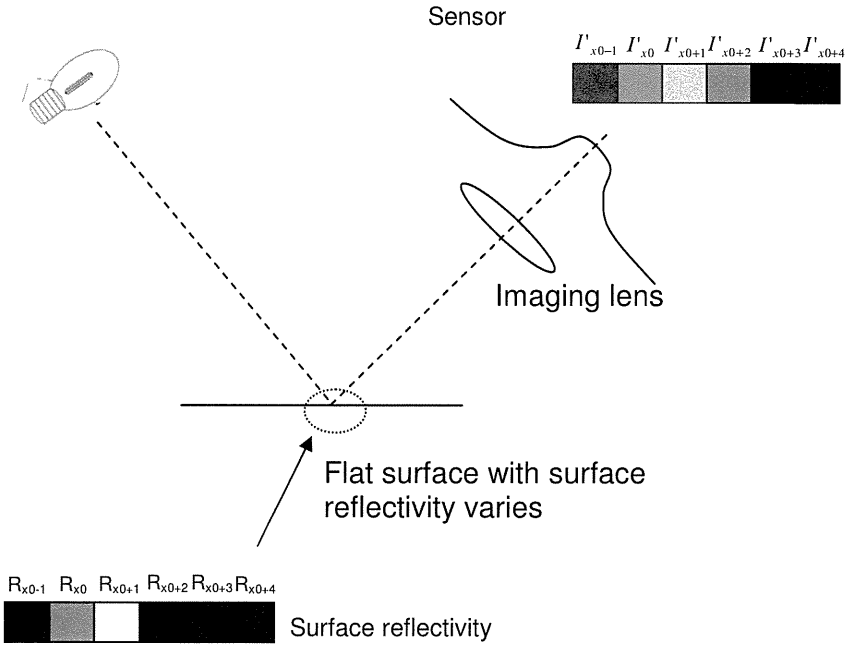
Sensor
I'_{x0-1} I'_{x0} I'_{x0+1} I'_{x0+2} I'_{x0+3} I'_{x0+4}
Imaging lens
Flat surface with surface reflectivity varies
R_{x0-1} R_{x0} R_{x0+1} R_{x0+2} R_{x0+3} R_{x0+4}
Surface reflectivity

FIG. 4

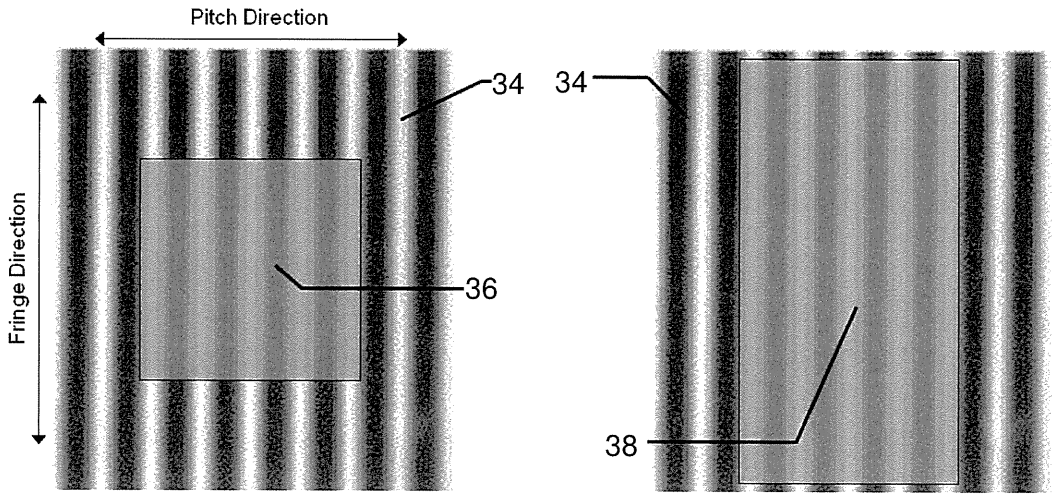
Pitch Direction
Fringe Direction
34
36
34
38

FIG. 7

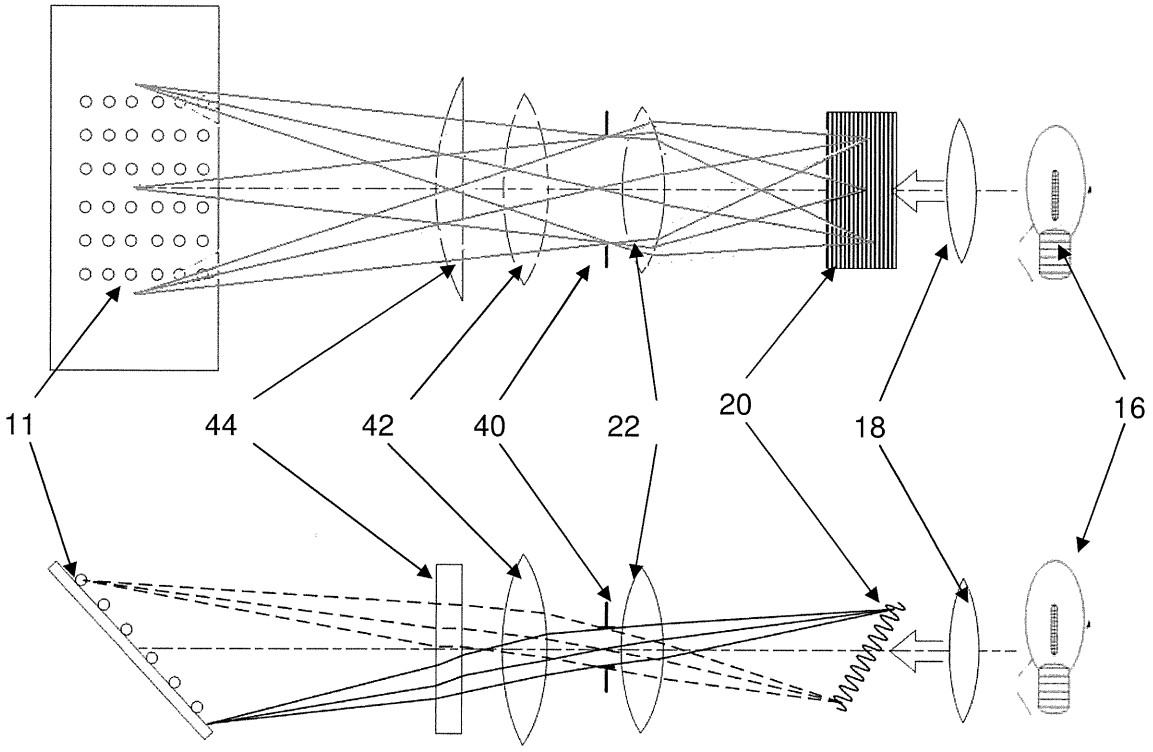
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FIG. 8