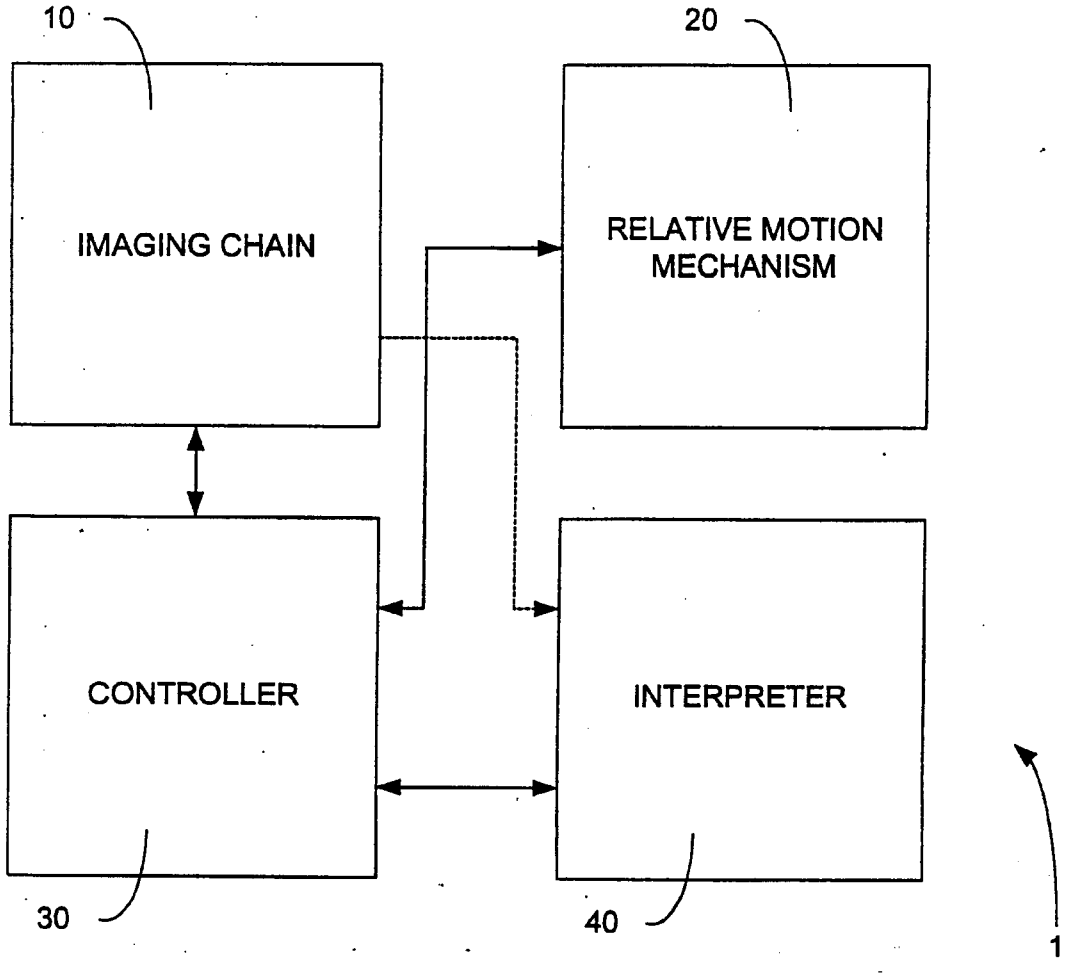

10
20
IMAGING CHAIN
RELATIVE MOTION MECHANISM
CONTROLLER
INTERPRETER
30
40
1

FIG. 1

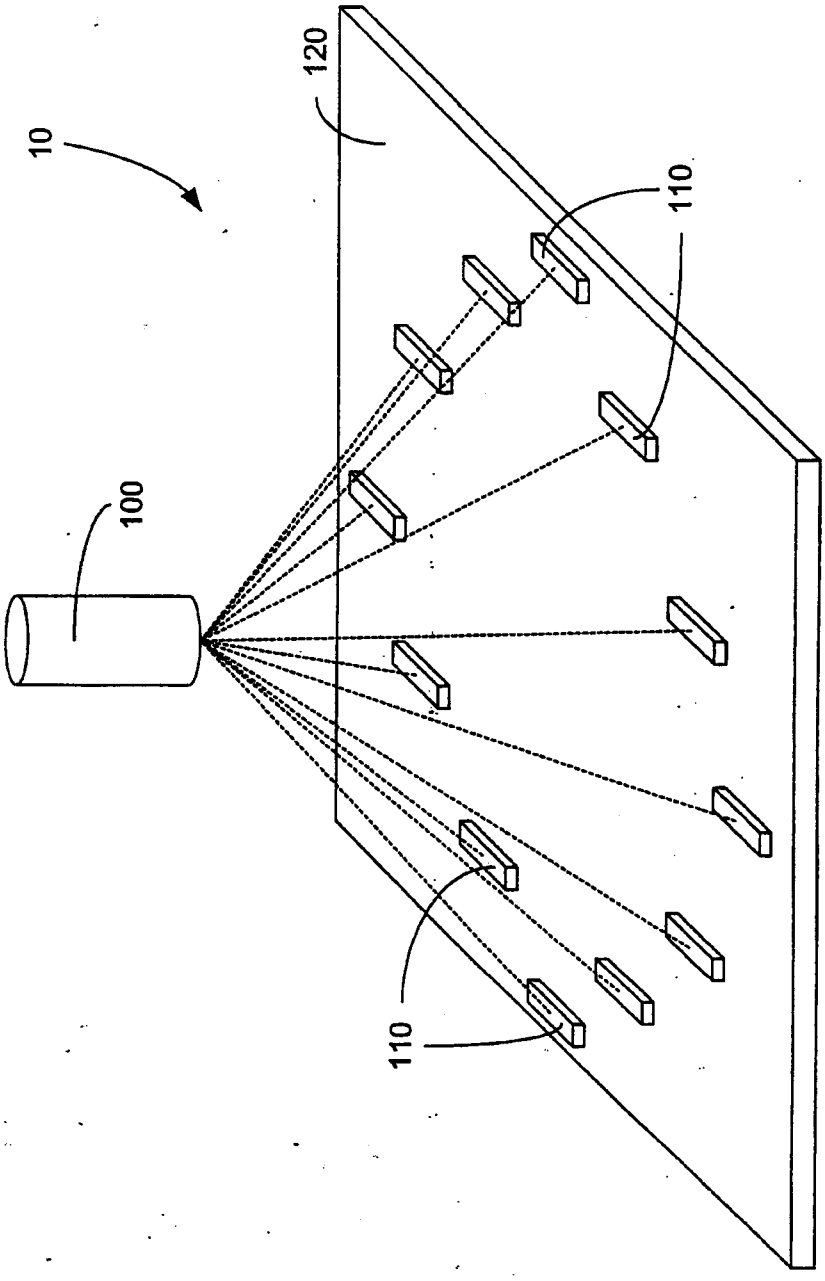


FIG. 2

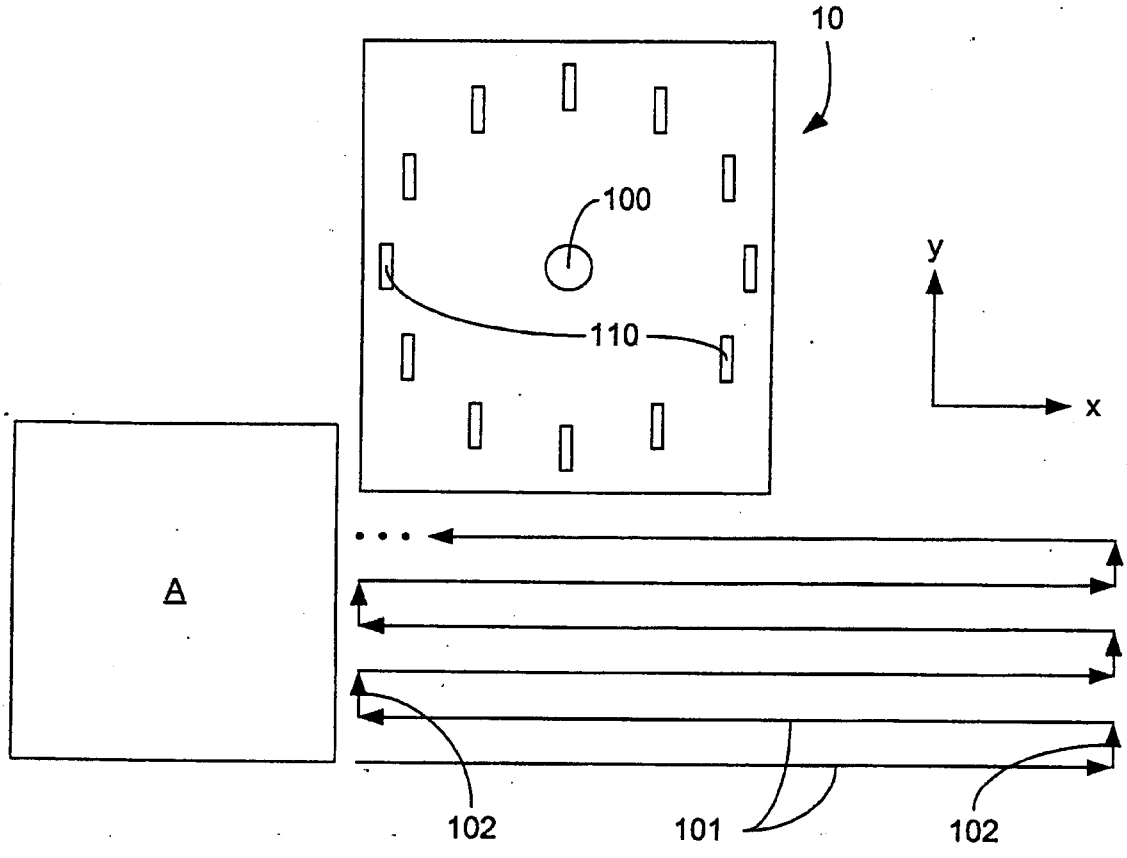


FIG. 3

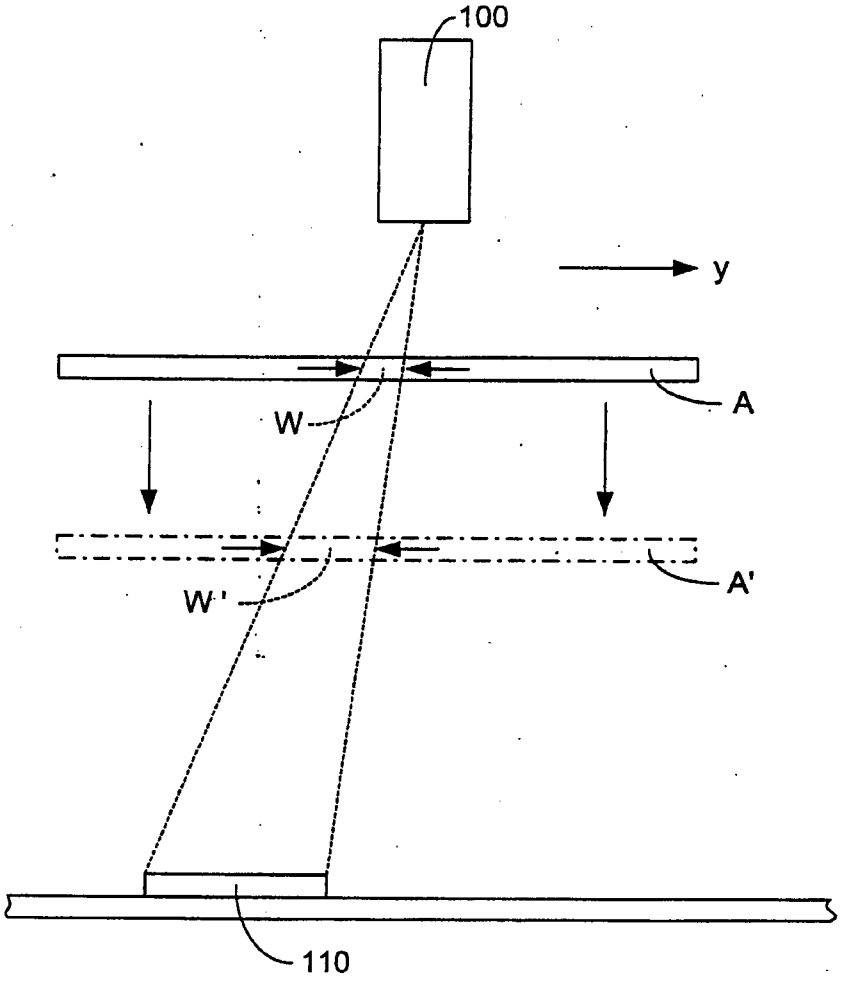


FIG. 4

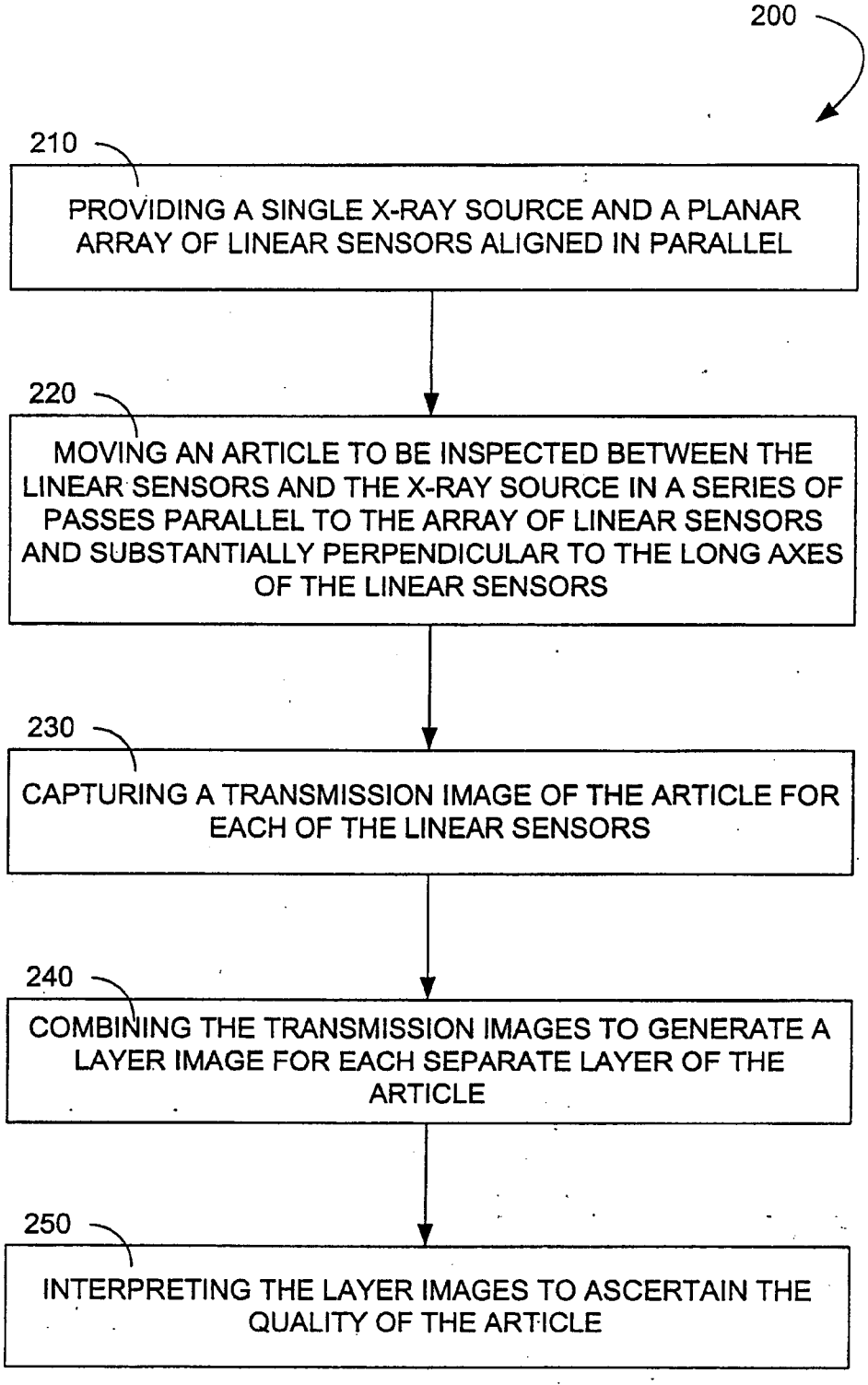

200
210
PROVIDING A SINGLE X-RAY SOURCE AND A PLANAR ARRAY OF LINEAR SENSORS ALIGNED IN PARALLEL
220
MOVING AN ARTICLE TO BE INSPECTED BETWEEN THE LINEAR SENSORS AND THE X-RAY SOURCE IN A SERIES OF PASSES PARALLEL TO THE ARRAY OF LINEAR SENSORS AND SUBSTANTIALLY PERPENDICULAR TO THE LONG AXES OF THE LINEAR SENSORS
230
CAPTURING A TRANSMISSION IMAGE OF THE ARTICLE FOR EACH OF THE LINEAR SENSORS
240
COMBINING THE TRANSMISSION IMAGES TO GENERATE A LAYER IMAGE FOR EACH SEPARATE LAYER OF THE ARTICLE
250
INTERPRETING THE LAYER IMAGES TO ASCERTAIN THE QUALITY OF THE ARTICLE

FIG. 5