3 SEP 2004



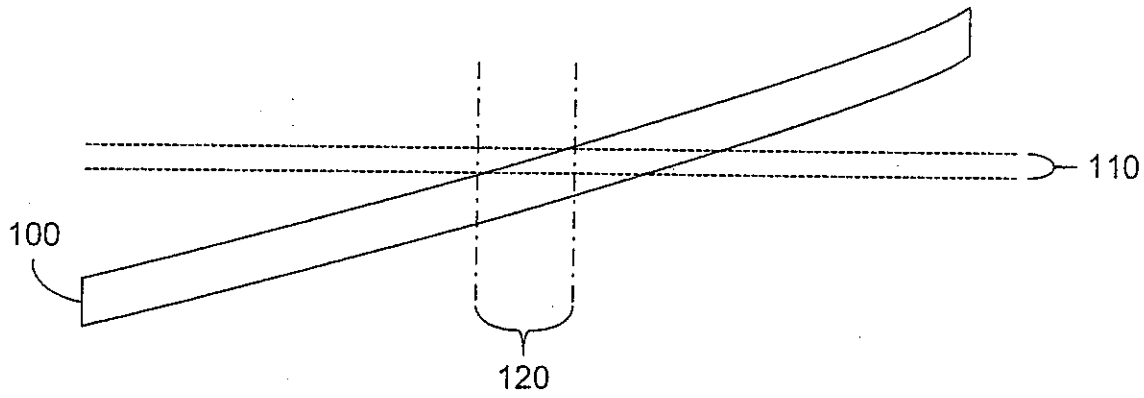



FIG. 1

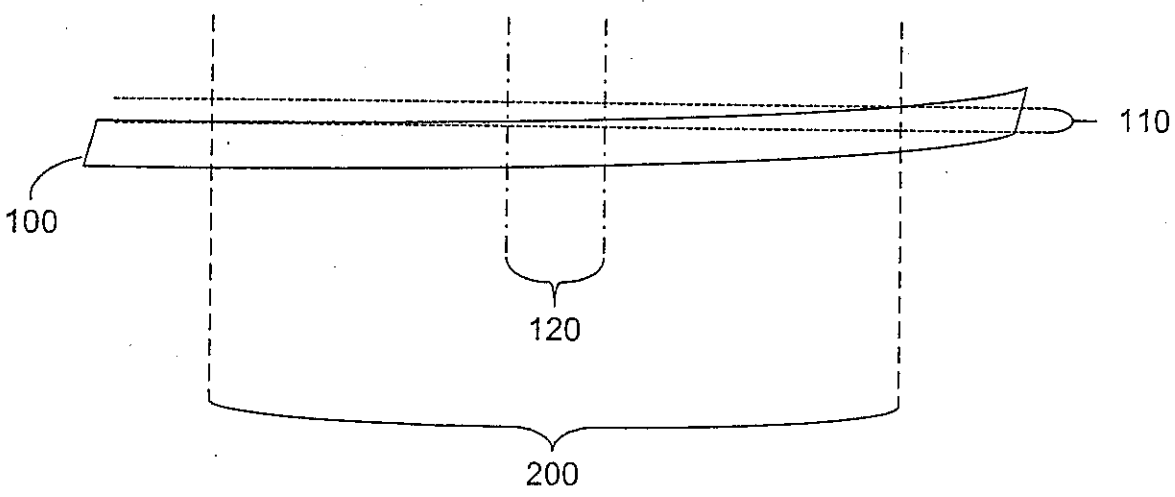



FIG. 2

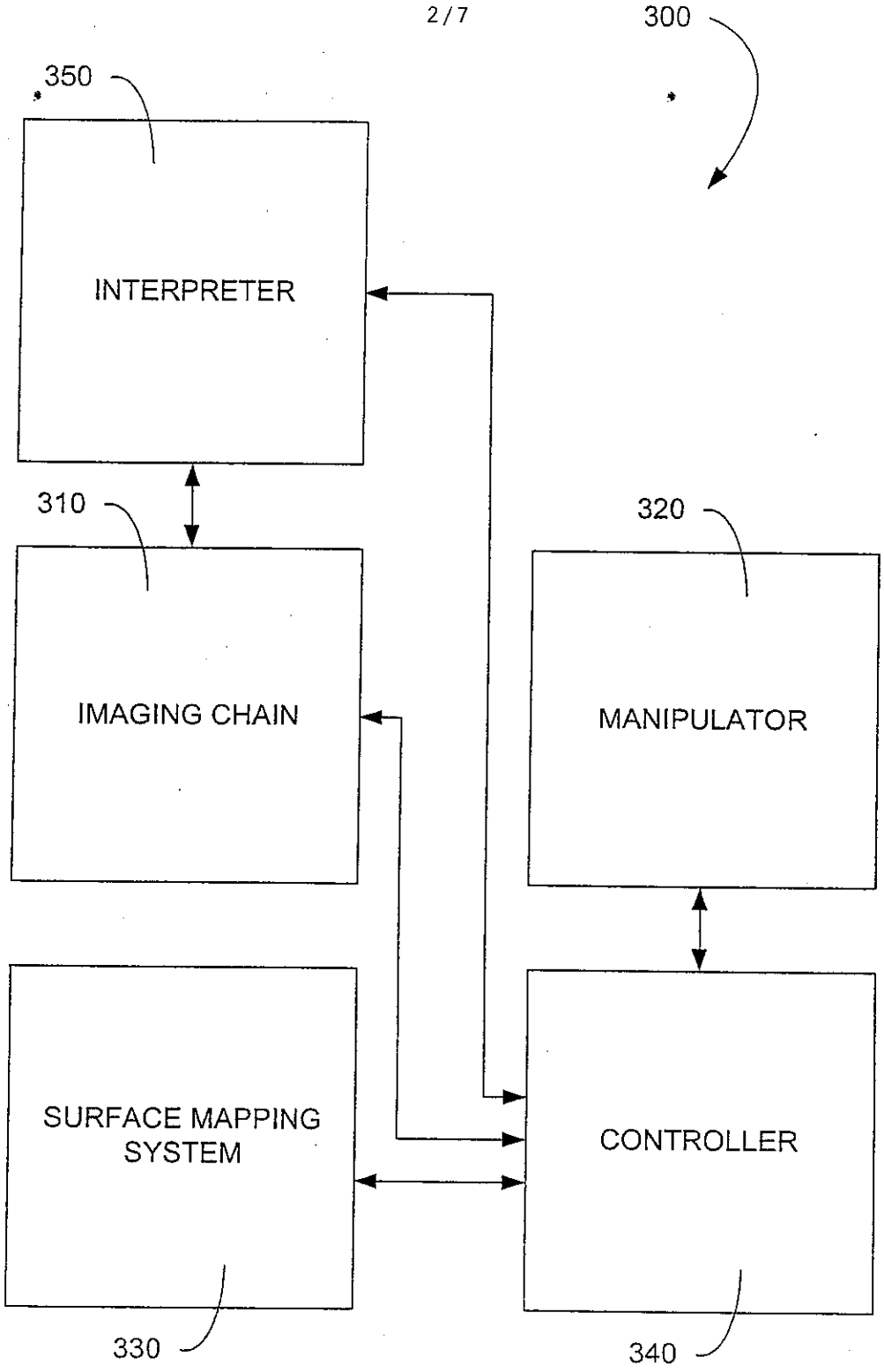

300
350
INTERPRETER
310
IMAGING CHAIN
320
MANIPULATOR
SURFACE MAPPING SYSTEM
CONTROLLER
330
340

FIG. 3

3 SEP 2004



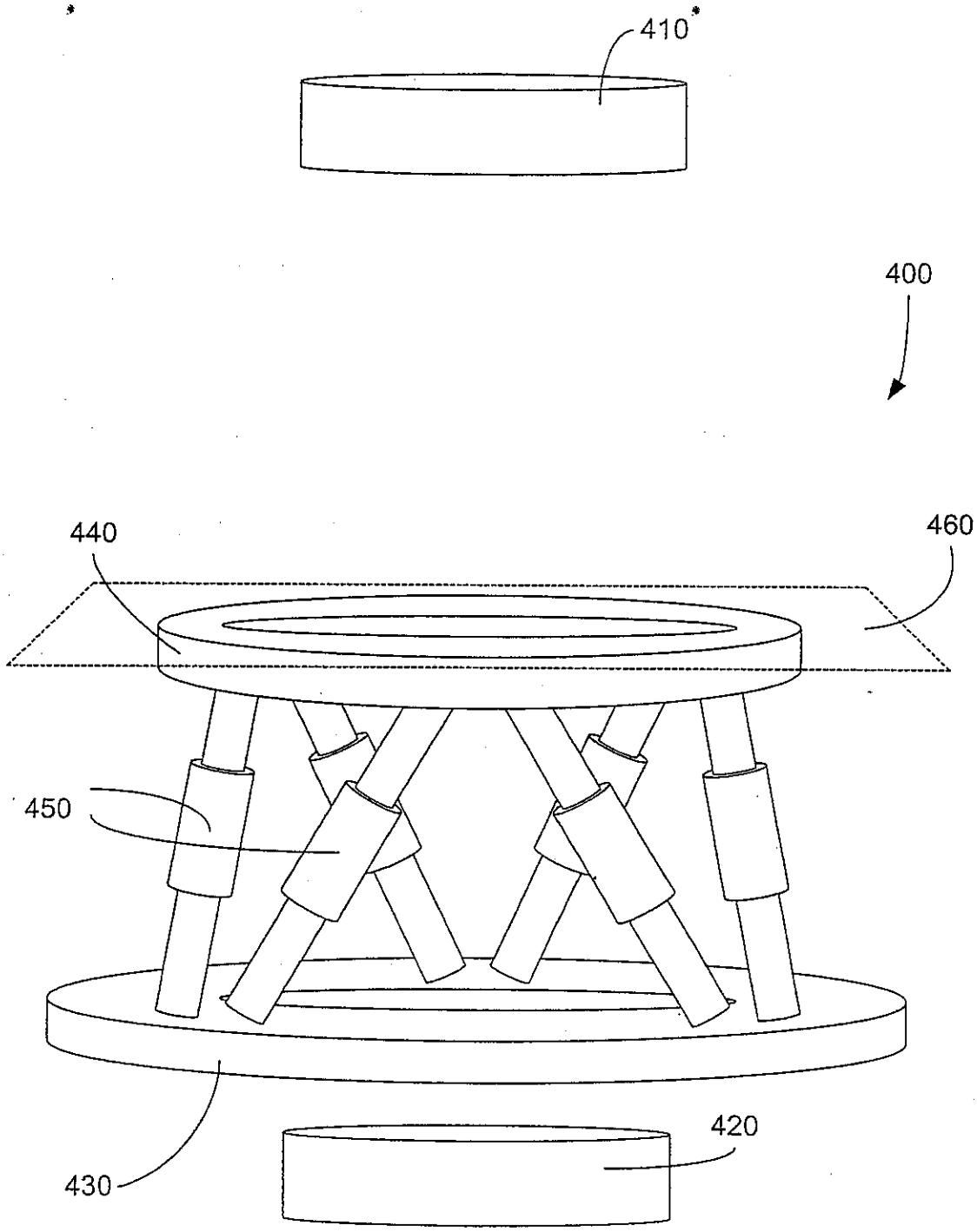



FIG. 4

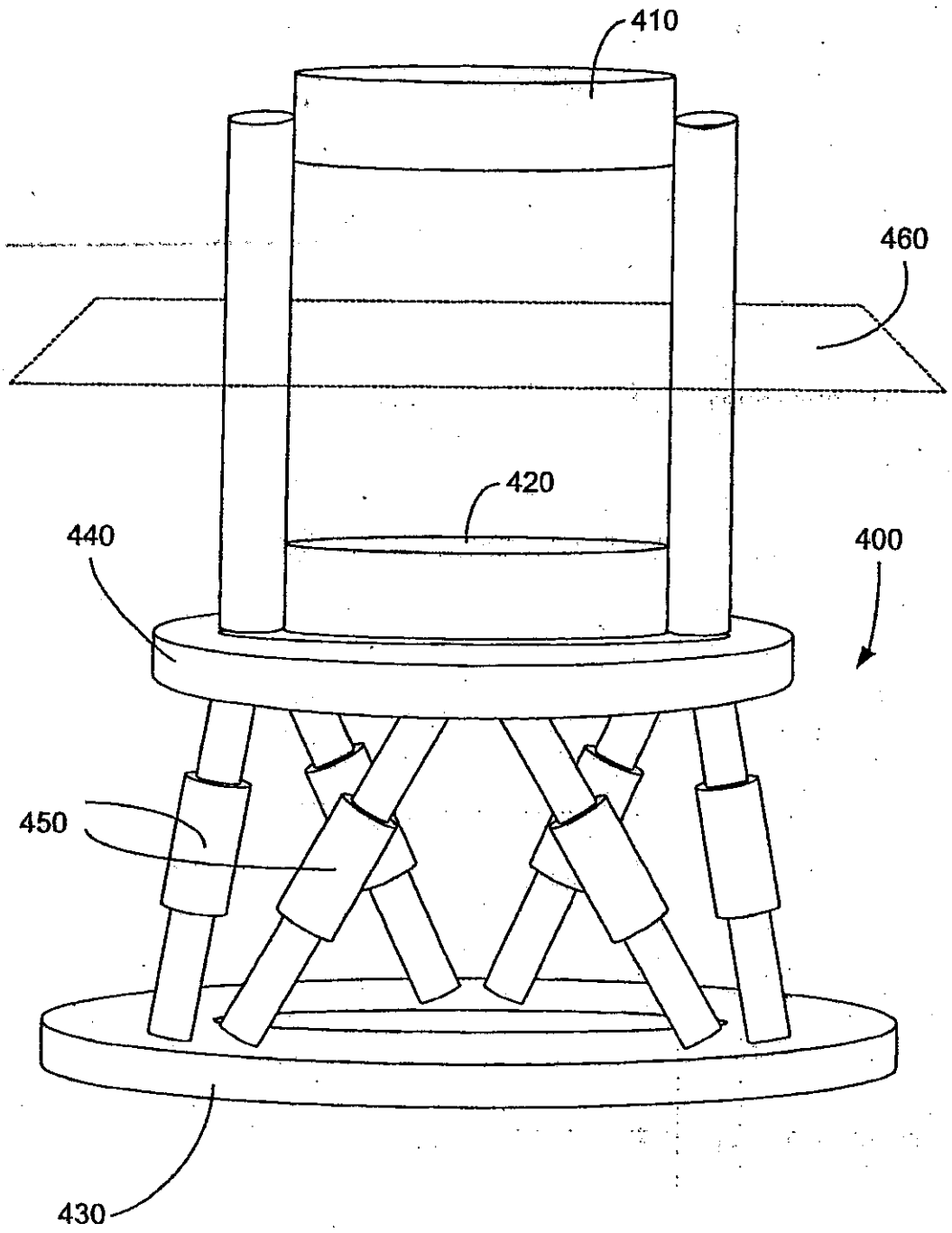
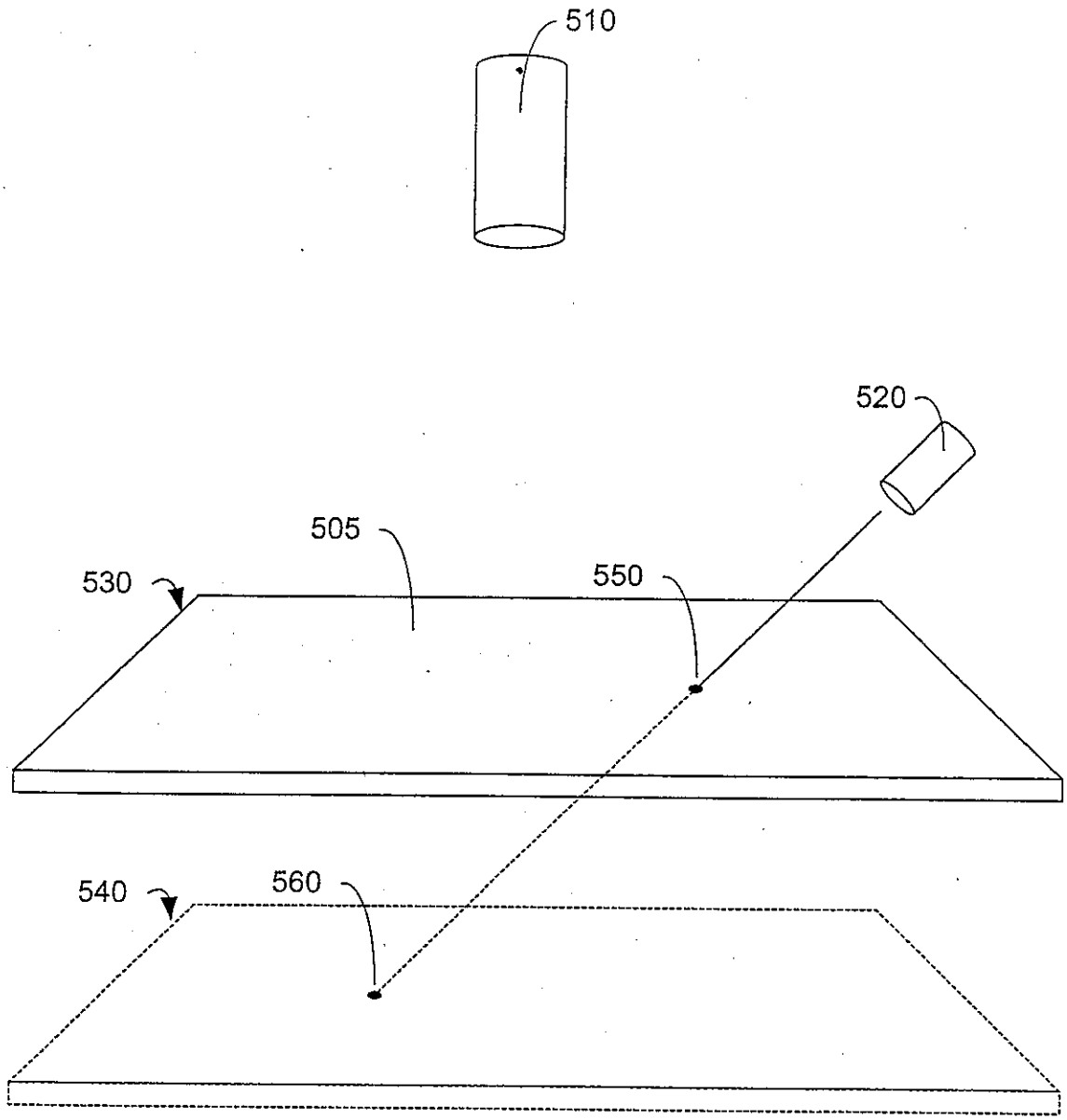



FIG. 4A




PRIOR ART

FIG. 5

- 3 SEP 2004



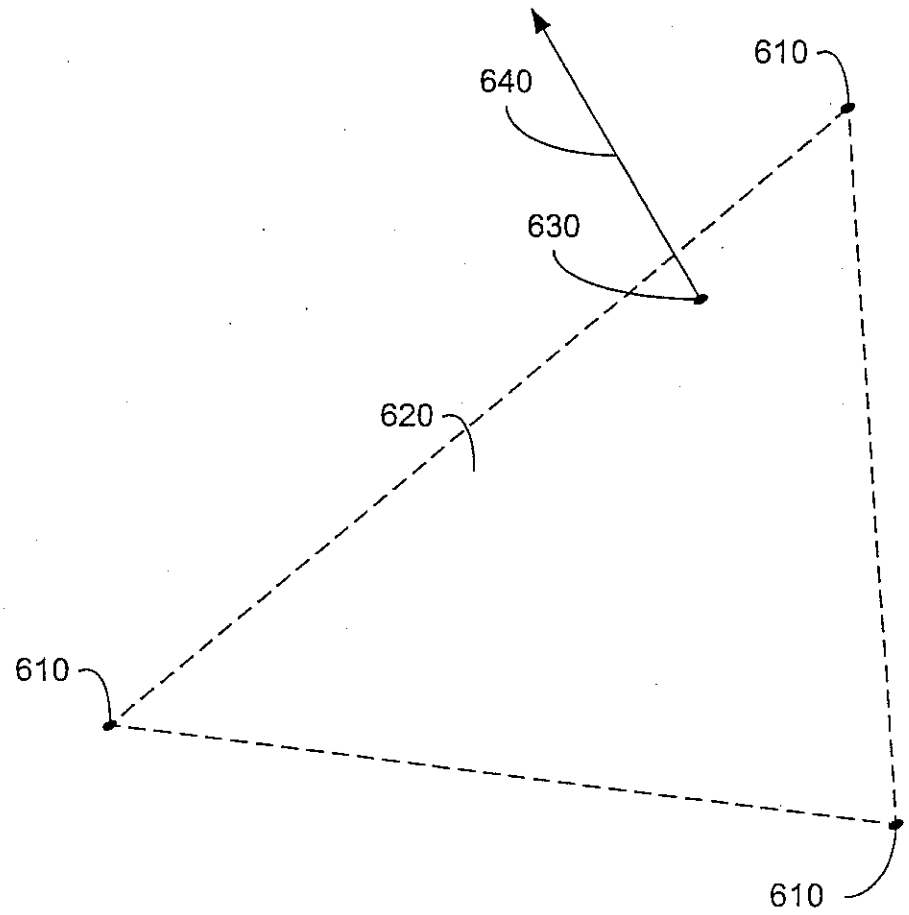



FIG. 6

3 SEP 2004



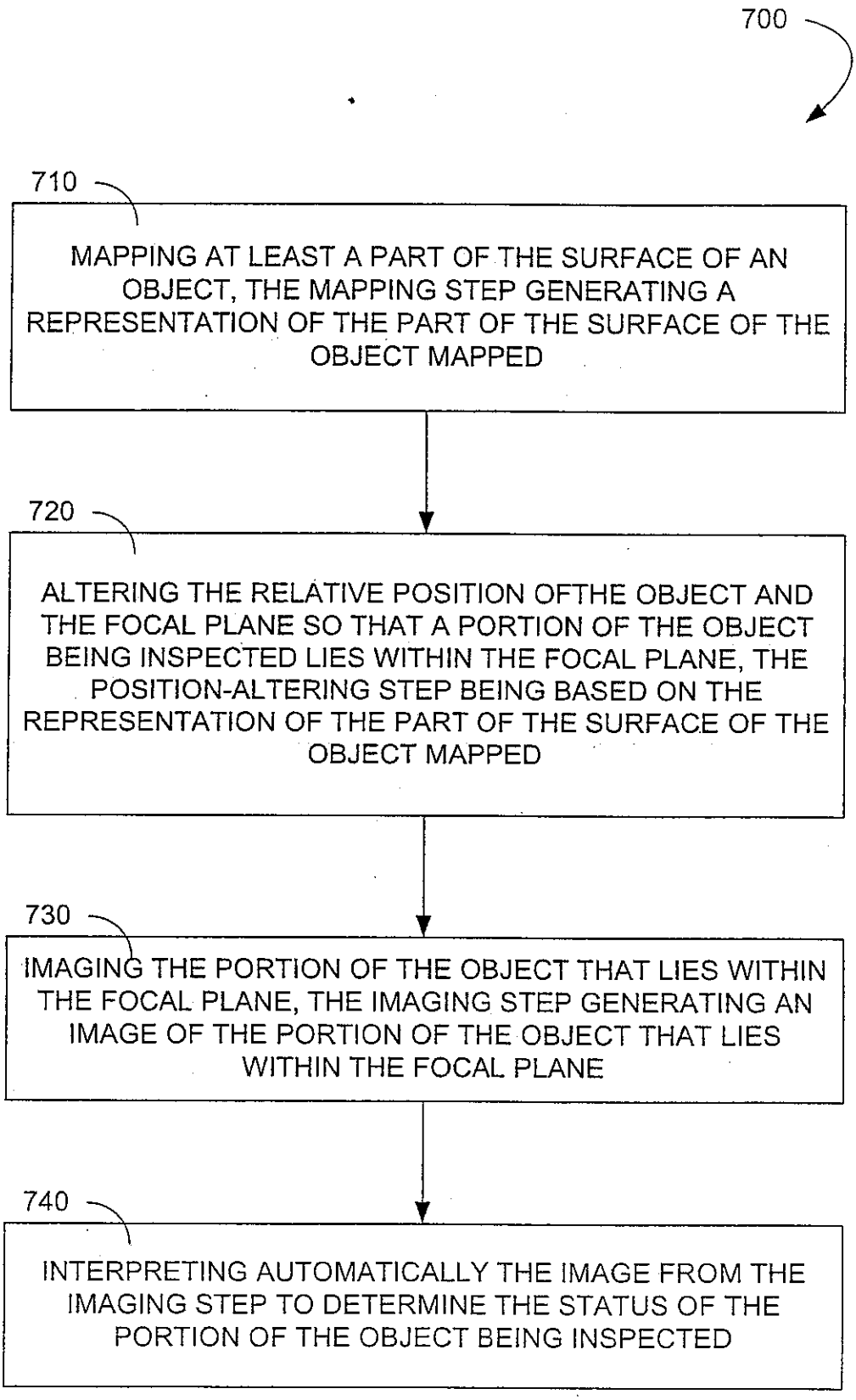



FIG. 7