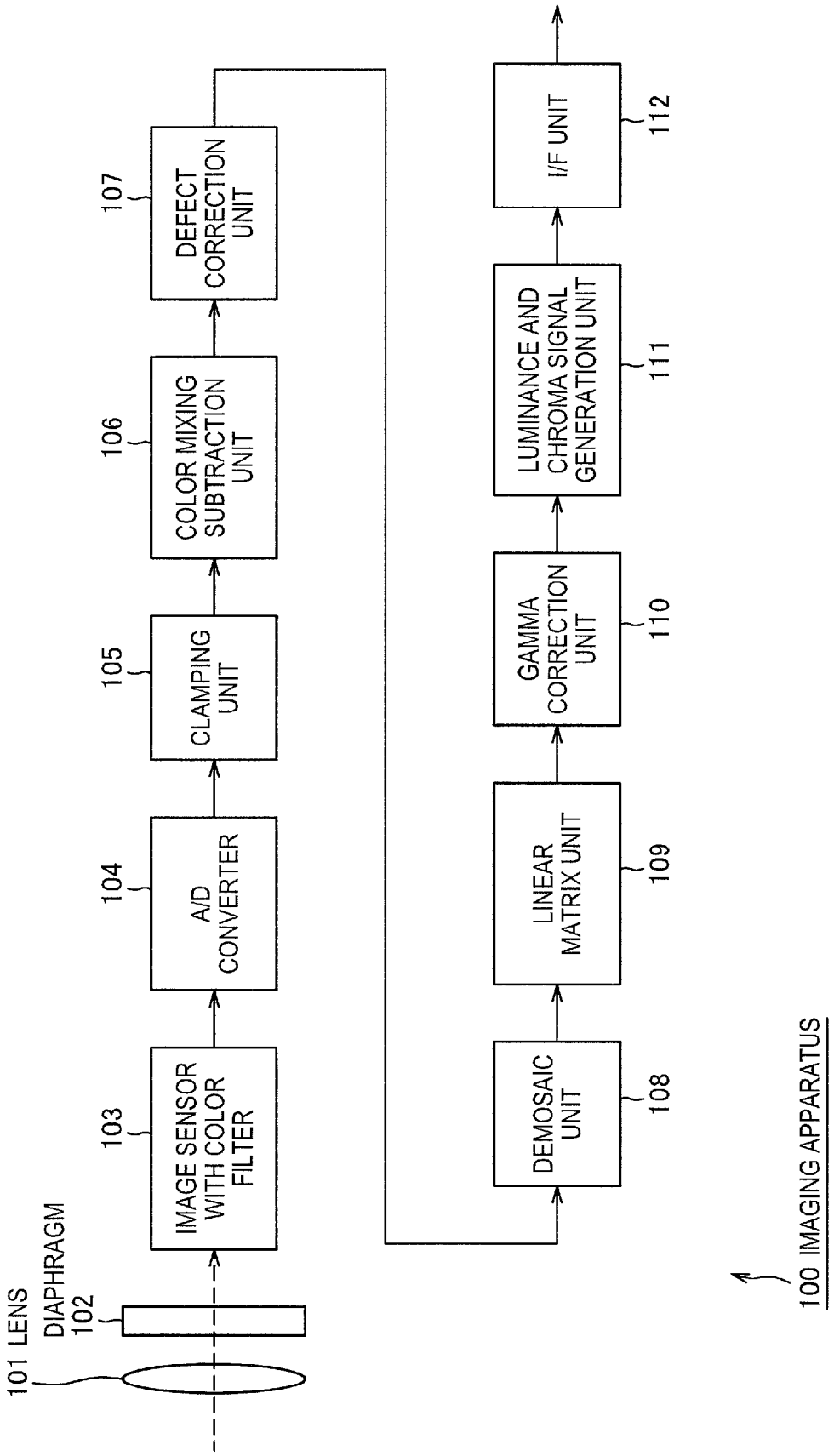
FIG.1


101 LENS
DIAPHRAGM
102
IMAGE SENSOR WITH COLOR FILTER
103
A/D CONVERTER
104
CLAMPING UNIT
105
COLOR MIXING SUBTRACTION UNIT
106
DEFECT CORRECTION UNIT
107
DEMOSAIC UNIT
108
LINEAR MATRIX UNIT
109
GAMMA CORRECTION UNIT
110
LUMINANCE AND CHROMA SIGNAL GENERATION UNIT
111
I/F UNIT
112
100 IMAGING APPARATUS