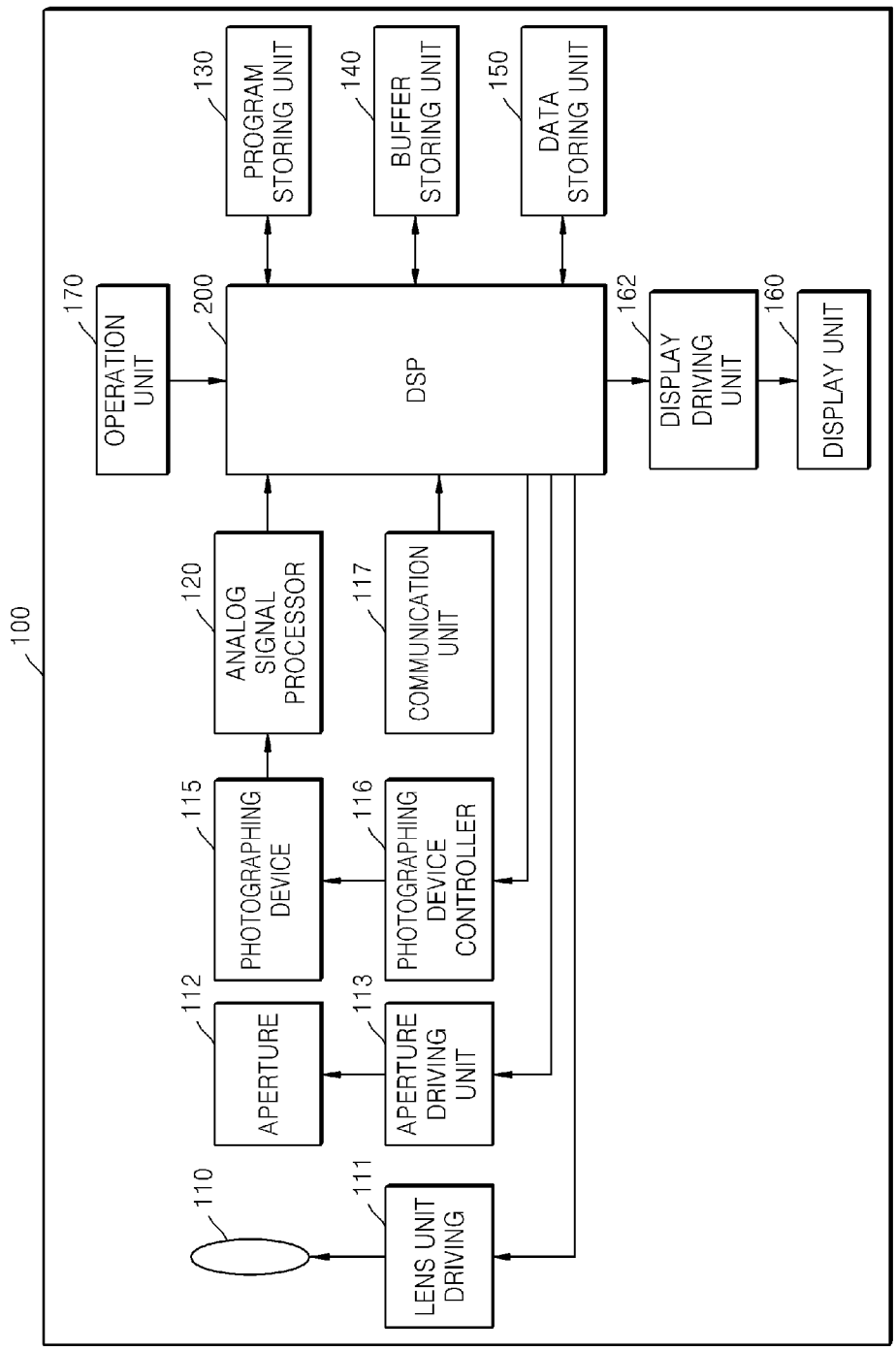
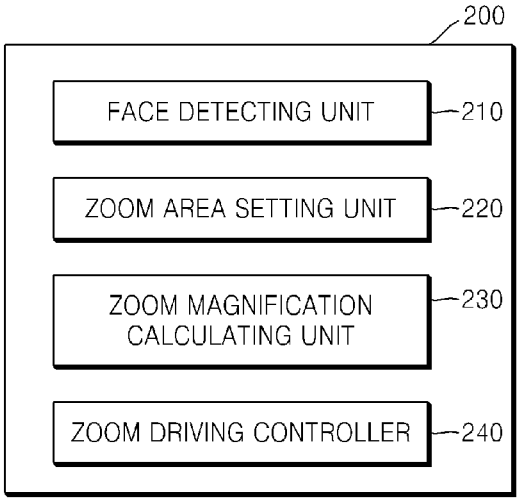
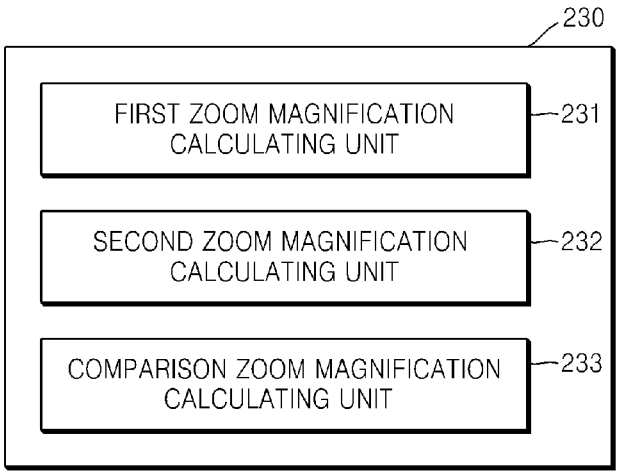
[Fig. 1]


100
110
111
LENS UNIT DRIVING
112
APERTURE
113
APERTURE DRIVING UNIT
115
PHOTOGRAPHING DEVICE
116
PHOTOGRAPHING DEVICE CONTROLLER
117
COMMUNICATION UNIT
120
ANALOG SIGNAL PROCESSOR
130
PROGRAM STORING UNIT
140
BUFFER STORING UNIT
150
DATA STORING UNIT
160
DISPLAY UNIT
162
DISPLAY DRIVING UNIT
170
OPERATION UNIT
200
DSP

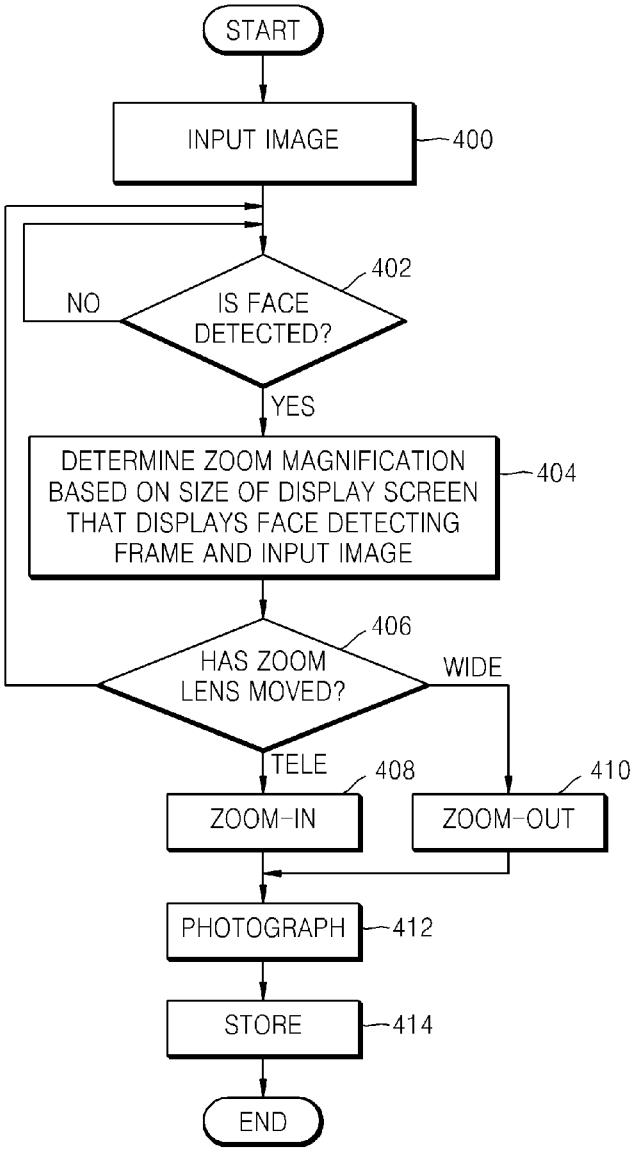
[Fig. 2]


200
FACE DETECTING UNIT
210
ZOOM AREA SETTING UNIT
220
ZOOM MAGNIFICATION CALCULATING UNIT
230
ZOOM DRIVING CONTROLLER
240

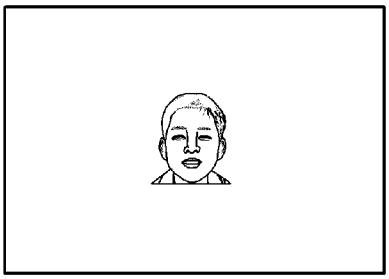
[Fig. 3]


230
FIRST ZOOM MAGNIFICATION CALCULATING UNIT
231
SECOND ZOOM MAGNIFICATION CALCULATING UNIT
232
COMPARISON ZOOM MAGNIFICATION CALCULATING UNIT
233

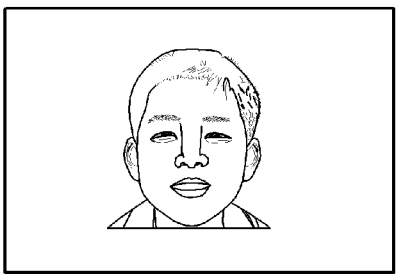
[Fig. 4]



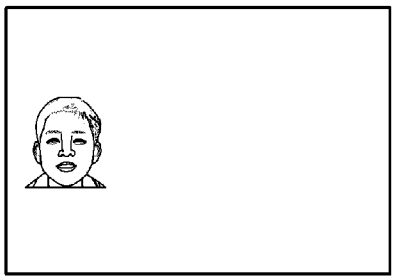
[Fig. 5a]



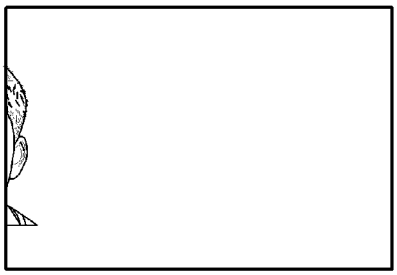
[Fig. 5b]



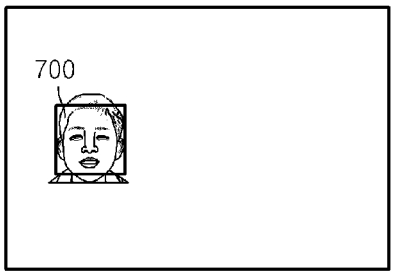
[Fig. 6a]



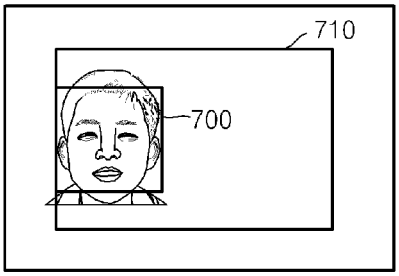
[Fig. 6b]



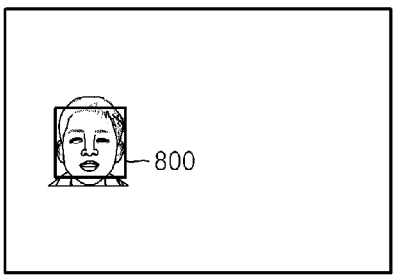
[Fig. 7a]



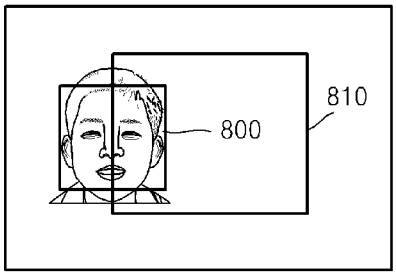
[Fig. 7b]



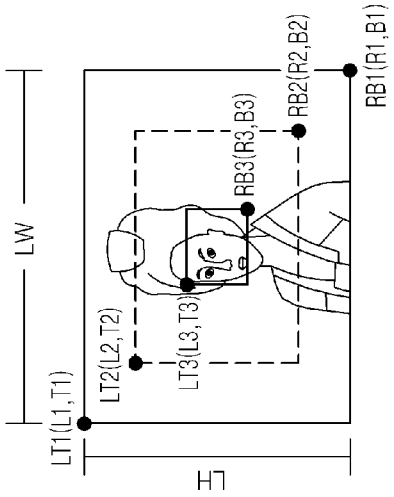
[Fig. 8a]



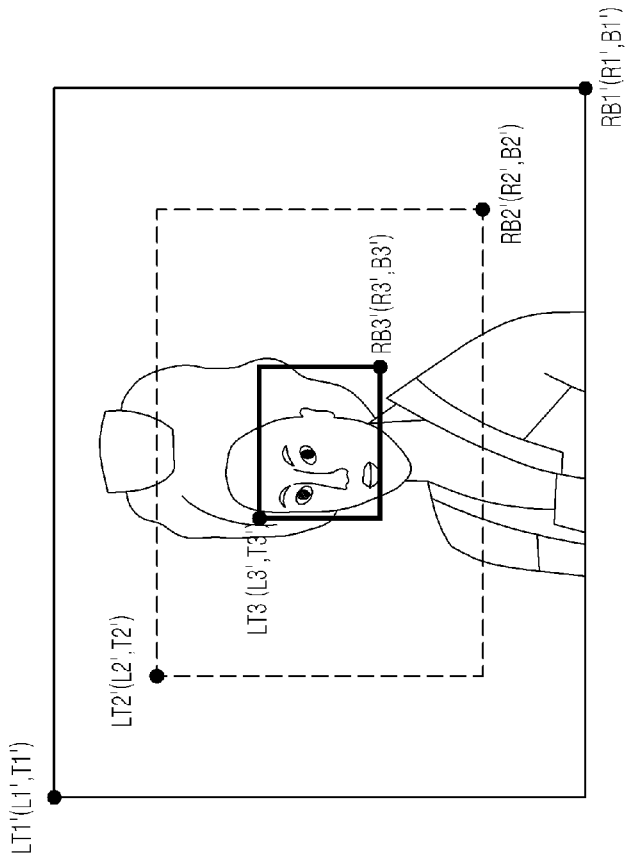
[Fig. 8b]



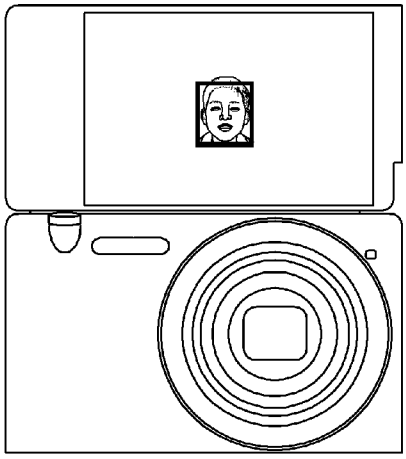
[Fig. 9a]



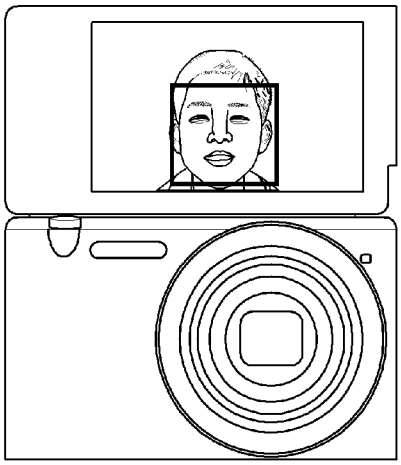
[Fig. 9b]



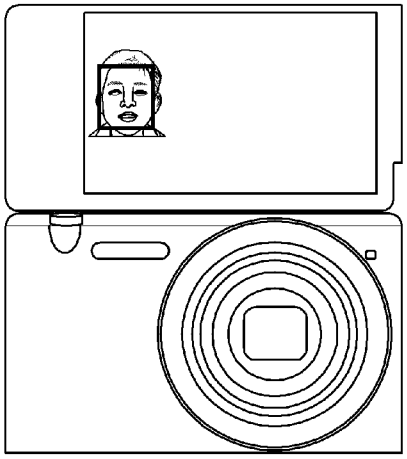
[Fig. 10a]



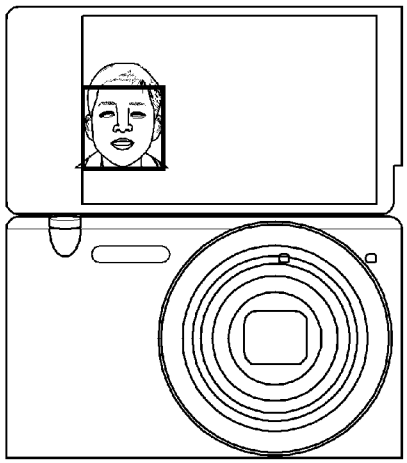
[Fig. 10b]



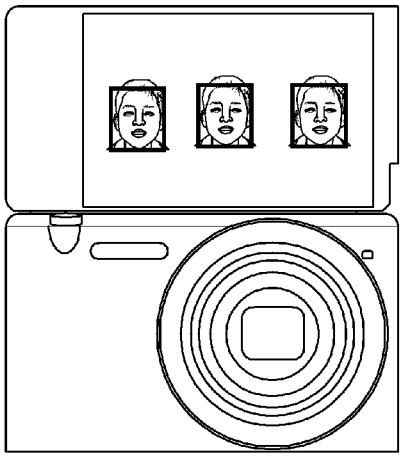
[Fig. 11a]



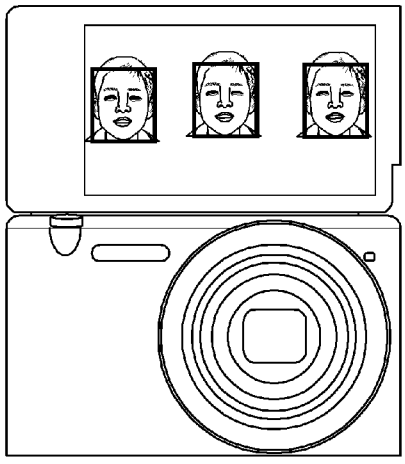
[Fig. 11b]



[Fig. 12a]



[Fig. 12b]



[Fig. 13]

