G00002

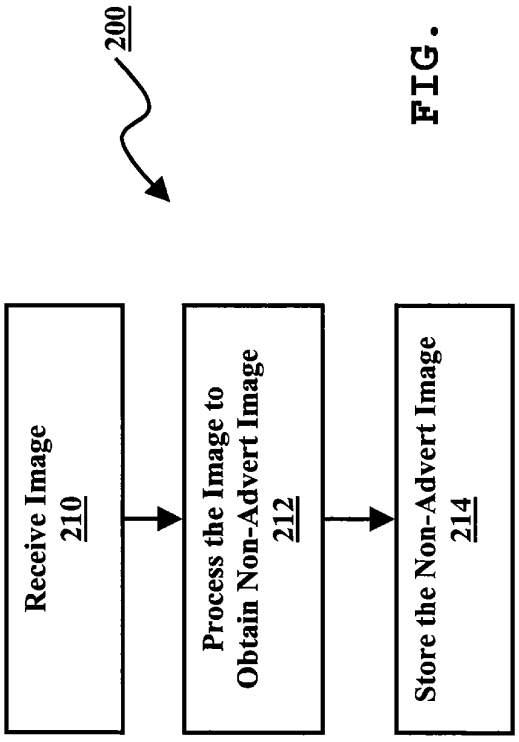

200
Receive Image
210
Process the Image to
Obtain Non-Advert Image
212
Store the Non-Advert Image
214

FIG. 1

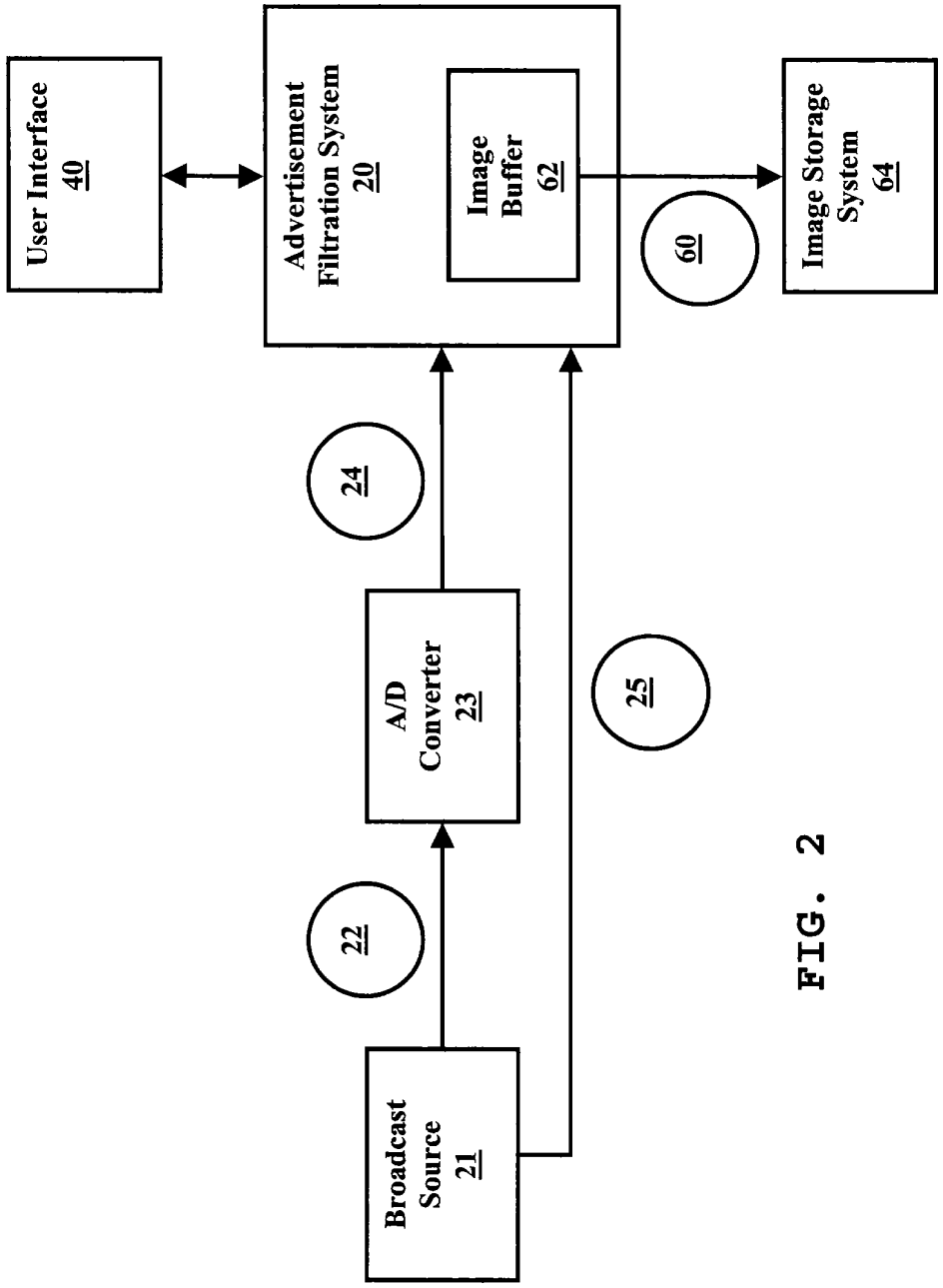

User Interface
40
Advertisement
Filtration System
20
Image
Buffer
62
60
Image Storage
System
64
24
A/D
Converter
23
25
22
Broadcast
Source
21

FIG. 2

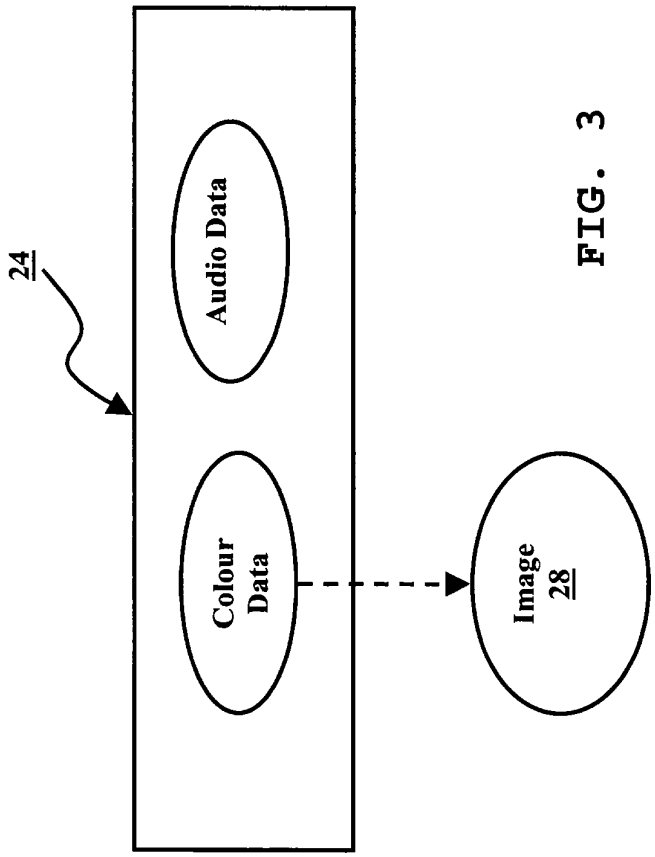


FIG. 3

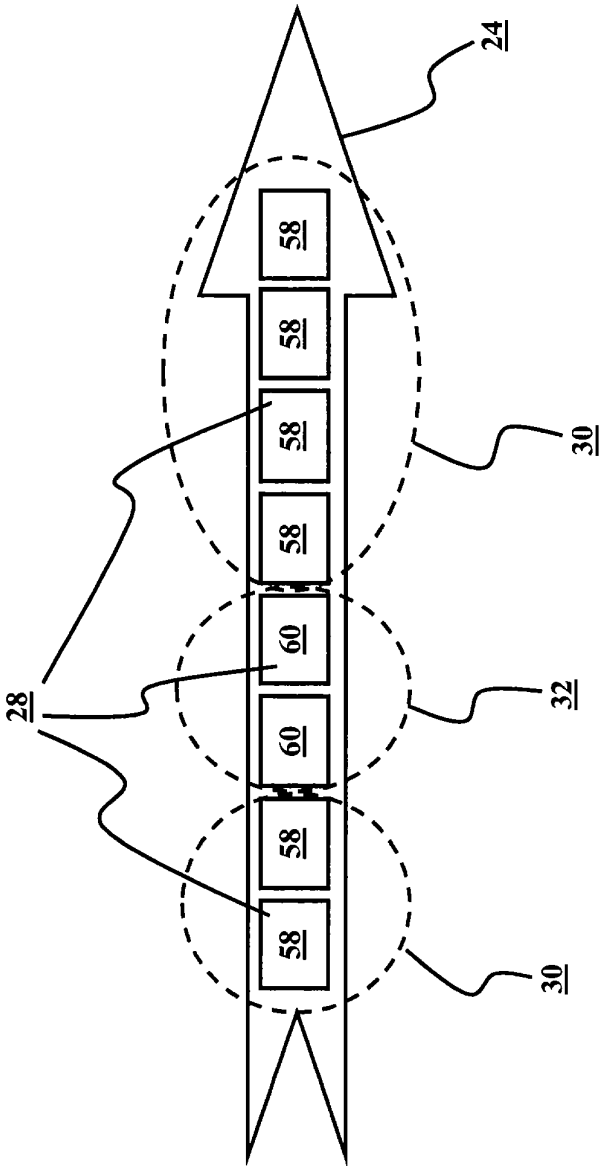


FIG. 4

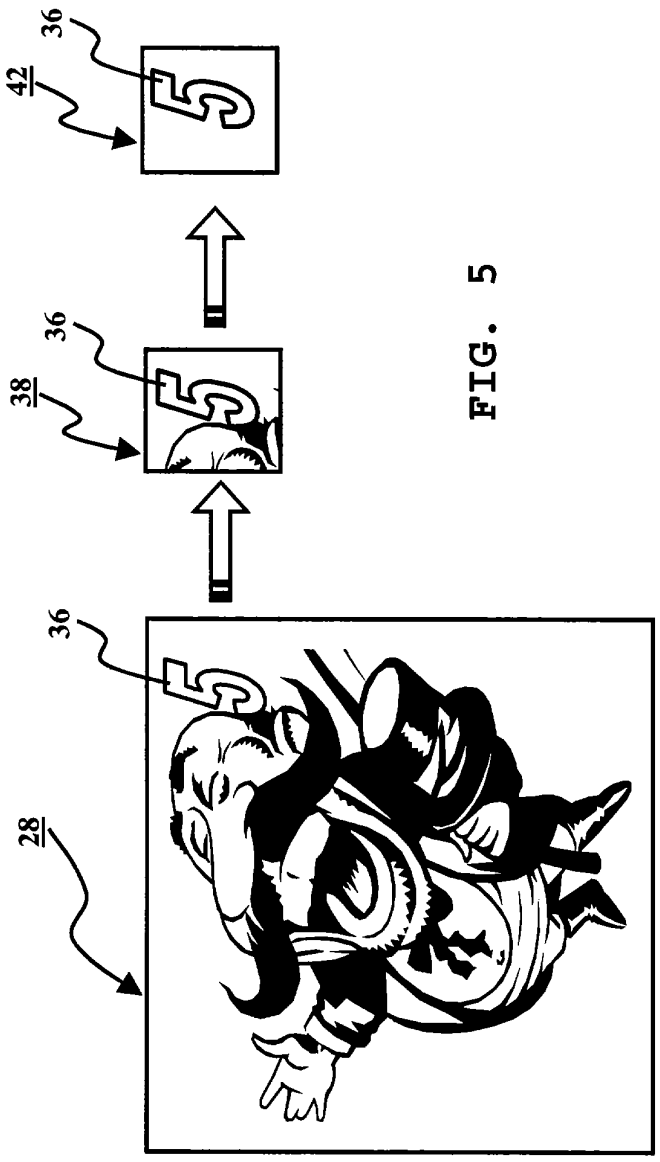
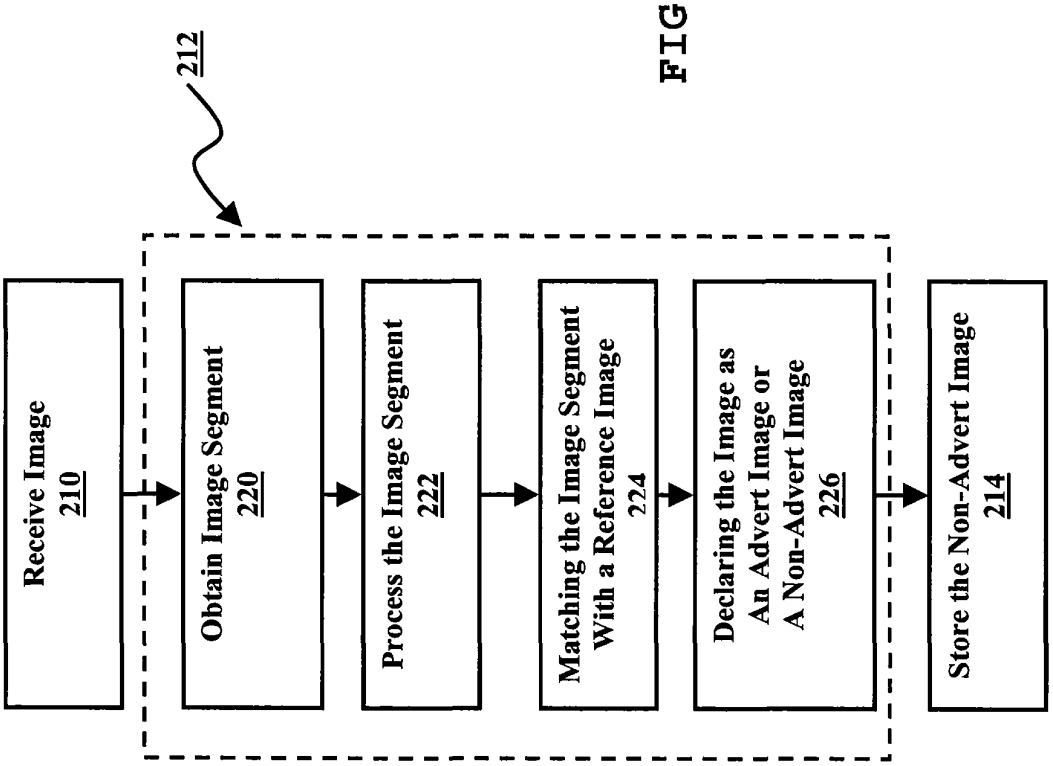


FIG. 5

FIG. 6


212
Receive Image
210
Obtain Image Segment
220
Process the Image Segment
222
Matching the Image Segment With a Reference Image
224
Declaring the Image as An Advert Image or A Non-Advert Image
226
Store the Non-Advert Image
214

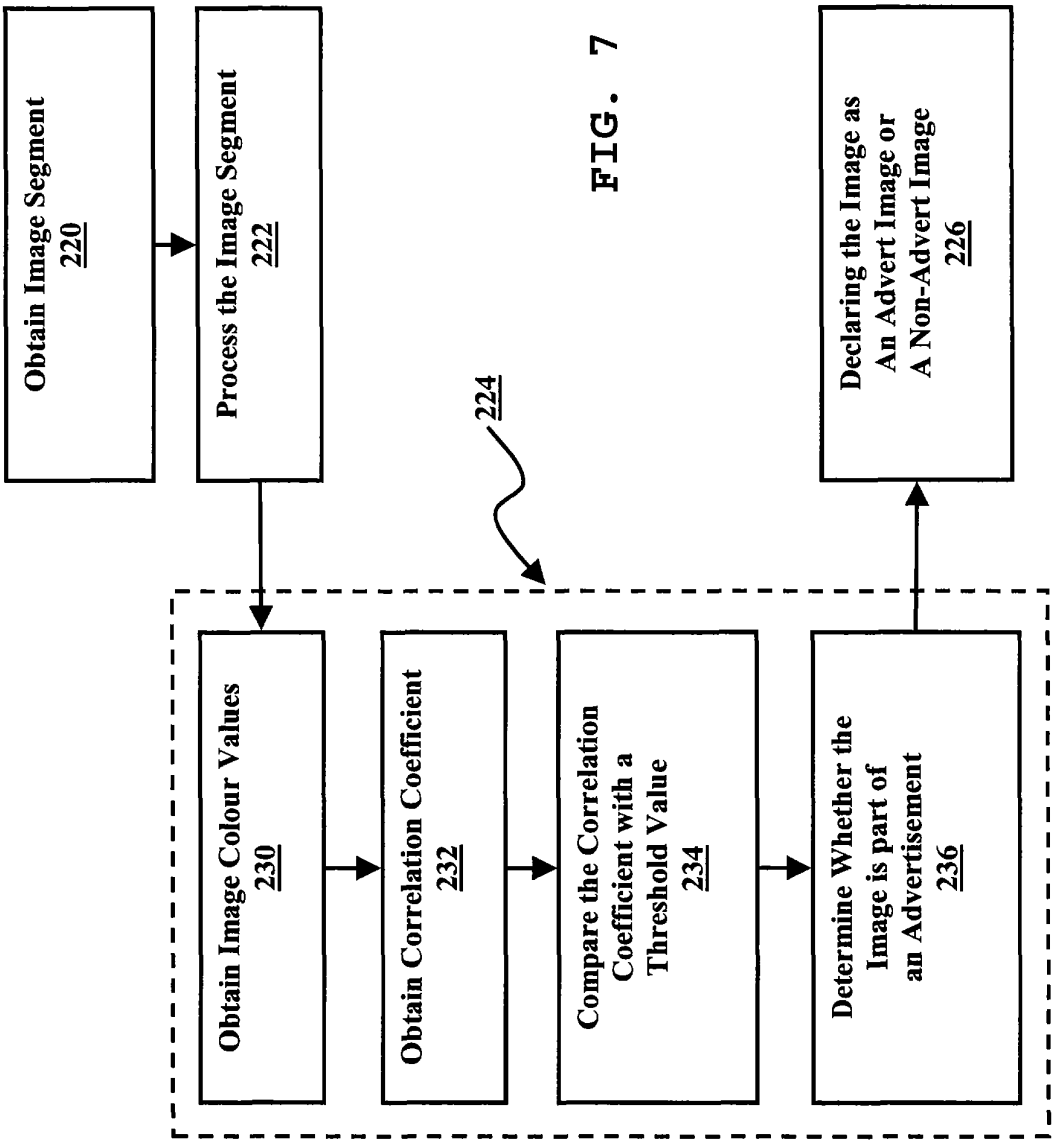

Obtain Image Segment
220
Process the Image Segment
222
224
Obtain Image Colour Values
230
Obtain Correlation Coefficient
232
Compare the Correlation Coefficient with a Threshold Value
234
Determine Whether the Image is part of an Advertisement
236
Declaring the Image as An Advert Image or A Non-Advert Image
226

FIG. 7

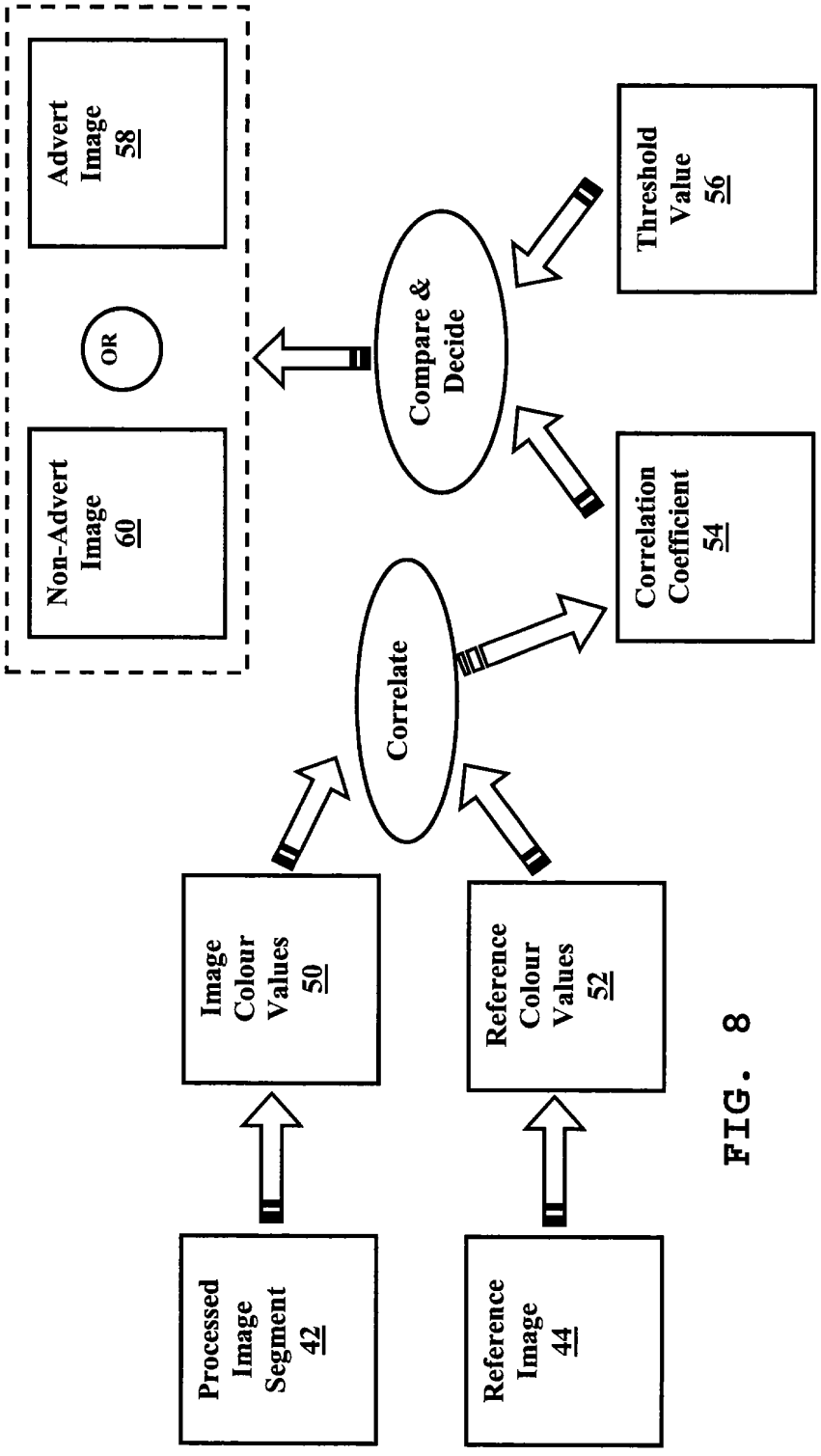

Processed Image Segment 42
Reference Image 44
Image Colour Values 50
Reference Colour Values 52
Correlate
Correlation Coefficient 54
Threshold Value 56
Compare & Decide
Advert Image 58
OR
Non-Advert Image 60

FIG. 8

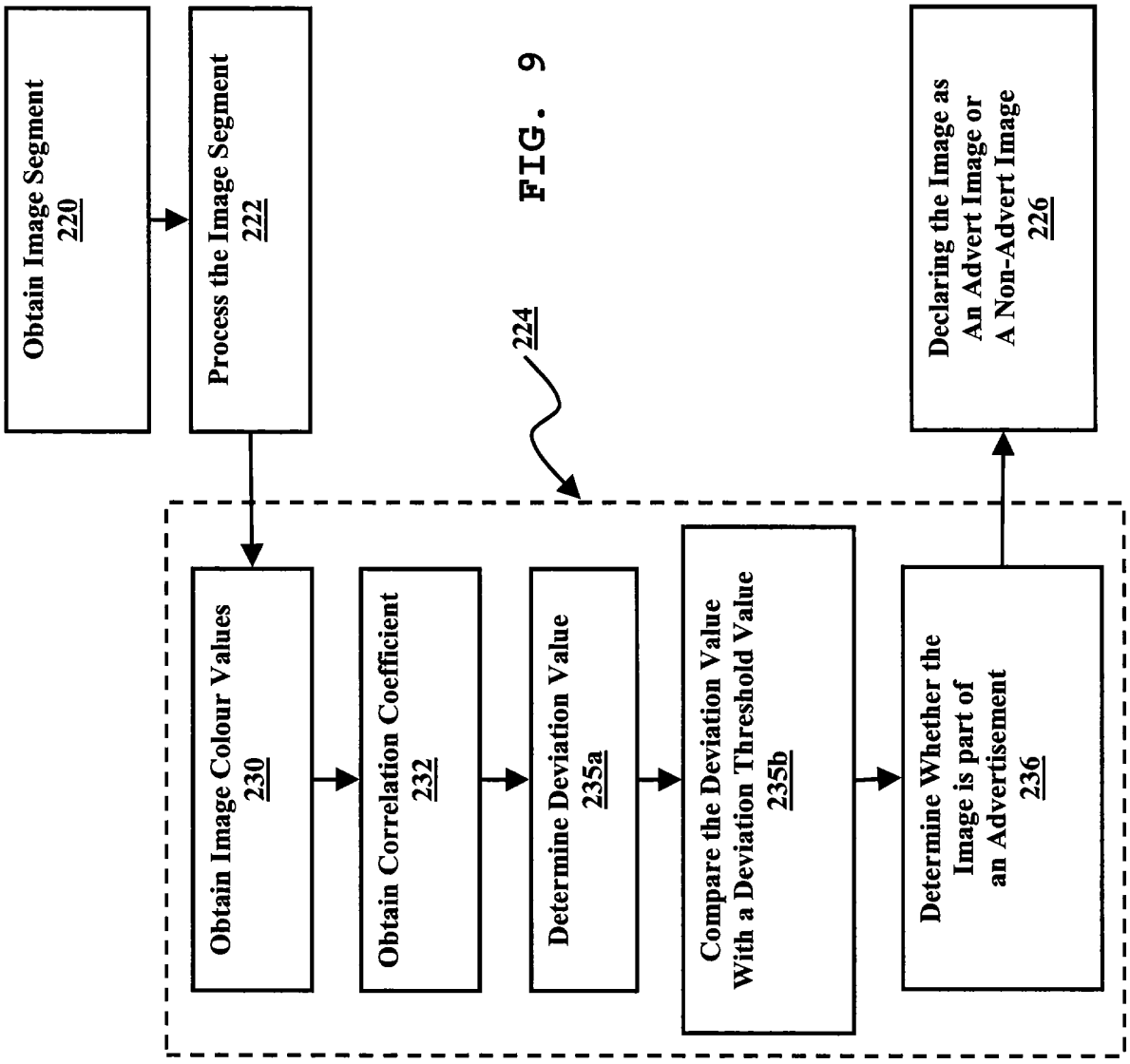

Obtain Image Segment
220
Process the Image Segment
222
224
Declaring the Image as
An Advert Image or
A Non-Advert Image
226
Obtain Image Colour Values
230
Obtain Correlation Coefficient
232
Determine Deviation Value
235a
Compare the Deviation Value
With a Deviation Threshold Value
235b
Determine Whether the
Image is part of
an Advertisement
236

FIG. 9

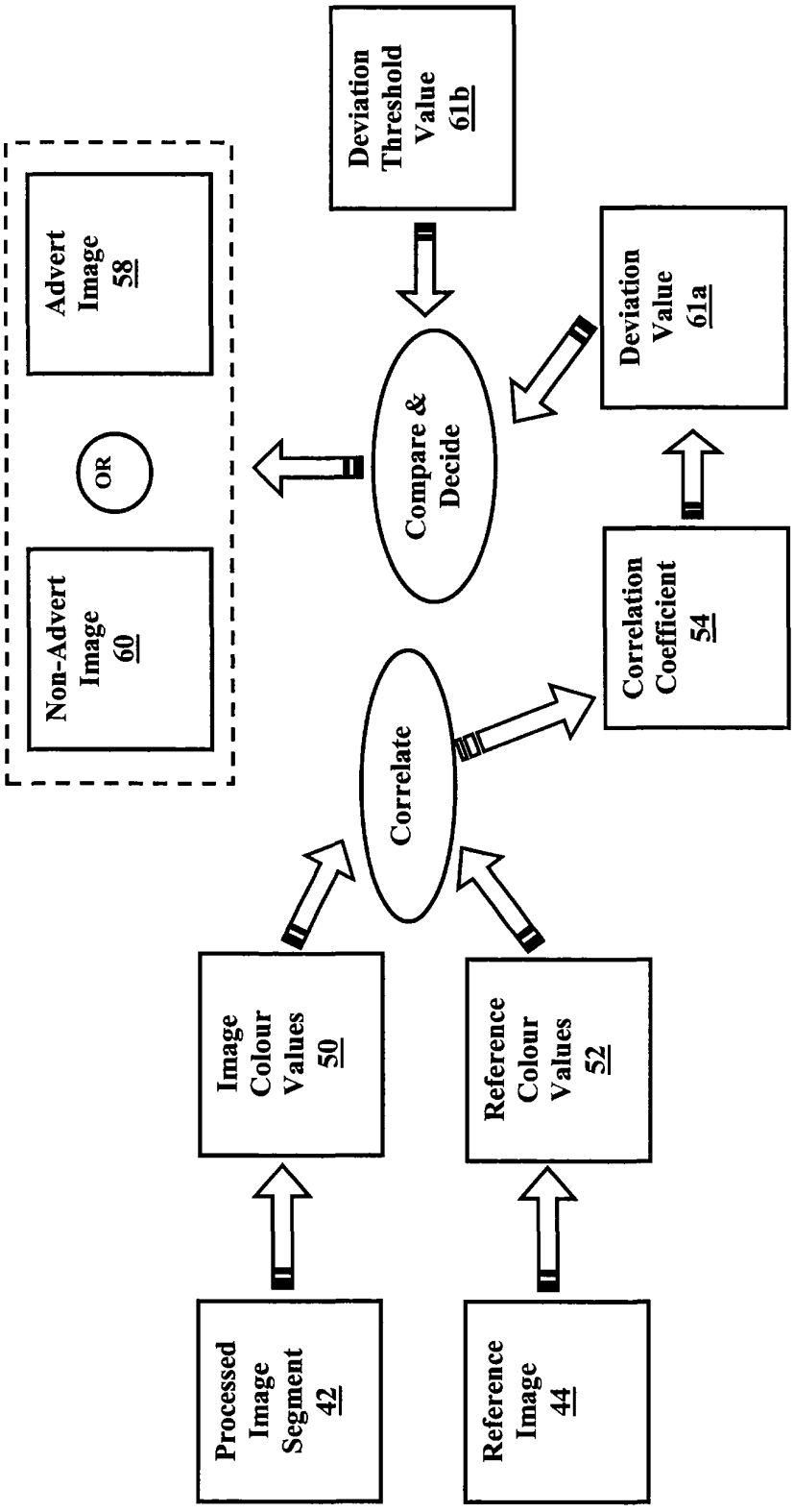
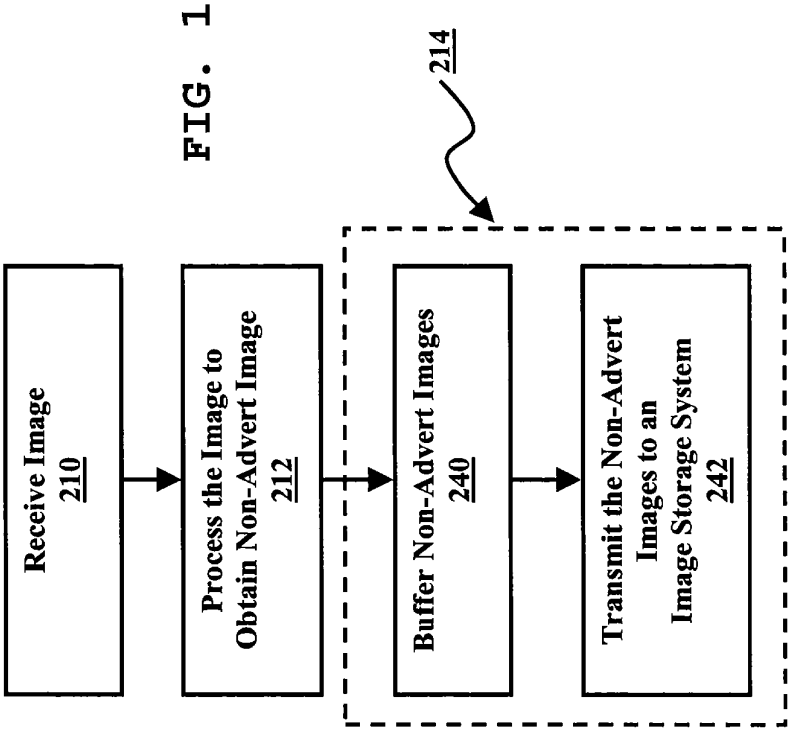

Processed Image Segment 42
Reference Image 44
Image Colour Values 50
Reference Colour Values 52
Correlate
Correlation Coefficient 54
Compare & Decide
Deviation Value 61a
Deviation Threshold Value 61b
Advert Image 58
OR
Non-Advert Image 60

FIG. 10

FIG. 11


Receive Image
210
Process the Image to Obtain Non-Advert Image
212
214
Buffer Non-Advert Images
240
Transmit the Non-Advert Images to an Image Storage System
242