

11. The image processing apparatus according to Claim 10, wherein the block constituted by a plurality of coding units is a largest coding unit, which is a coding unit of largest size.

~~12. An image processing method for an image processing apparatus, comprising:~~

~~—— setting, in units of coding units having a hierarchical structure, whether a non-compression mode is to be selected as an encoding mode for encoding image data, the non-compression mode being an encoding mode in which the image data is output as encoded data; and~~

~~—— encoding the image data in units of the coding units in accordance with a set mode.~~

~~13. An image processing apparatus comprising:~~

~~—— an encoding mode determiner that determines, in units of coding units having a hierarchical structure, whether a non-compression mode has been selected as an encoding mode for encoding image data, the non-compression mode being an encoding mode in which the image data is output as encoded data; and~~

~~—— a decoder that decodes the encoded data in units of the coding units in accordance with a mode determined by the~~

~~encoding mode determiner.~~

~~14. The image processing apparatus according to Claim 13,
further comprising:~~

~~—— a controller that performs control, on a coding unit
for which the encoding mode determiner has determined that
the non-compression mode has been selected, to perform
decoding in accordance with a bit depth which is set at a
time of encoding.~~

~~15. The image processing apparatus according to Claim 13,
further comprising:~~

~~—— a controller that performs control, on a coding unit
for which the encoding mode determiner has determined that
the non-compression mode has been selected, to skip
processing of changing a bit depth for decoding.~~

~~16. The image processing apparatus according to Claim 13,
further comprising:~~

~~—— a controller that performs control, on a coding unit
for which the encoding mode determiner has determined that
the non-compression mode has been selected, to skip filter
processing in which filtering is performed on an image
decoded by the decoder.~~

~~17. The image processing apparatus according to claim 13,
further comprising:~~

~~—— a filter processor that performs filtering on an image
decoded by the decoder by using filter identification
information identifying whether the filter processing is to
be performed.~~

~~18. The image processing apparatus according to Claim 13,
wherein the encoding mode determiner determines whether the
non-compression mode has been selected, on the basis of
identification information indicating whether the non-
compression mode has been selected in units of the coding
units.~~

~~19. The image processing apparatus according to Claim 13,
further comprising:~~

~~—— a filter processor that performs filtering on an image
decoded by the decoder by using identification information
identifying that a block constituted by a plurality of
coding units includes a coding unit for which the non-
compression mode has been set.~~

~~20. The image processing apparatus according to Claim 19,
wherein the block constituted by a plurality of coding units
is a largest coding unit, which is a coding unit of largest
size.~~

~~21. An image processing method for an image processing
apparatus, comprising:
—— determining, in units of coding units having a
hierarchical structure, whether a non-compression mode has
been selected as an encoding mode for encoding image data,
the non-compression mode being an encoding mode in which the
image data is output as encoded data; and
—— decoding the encoded data in units of the coding units
in accordance with a determined mode.~~