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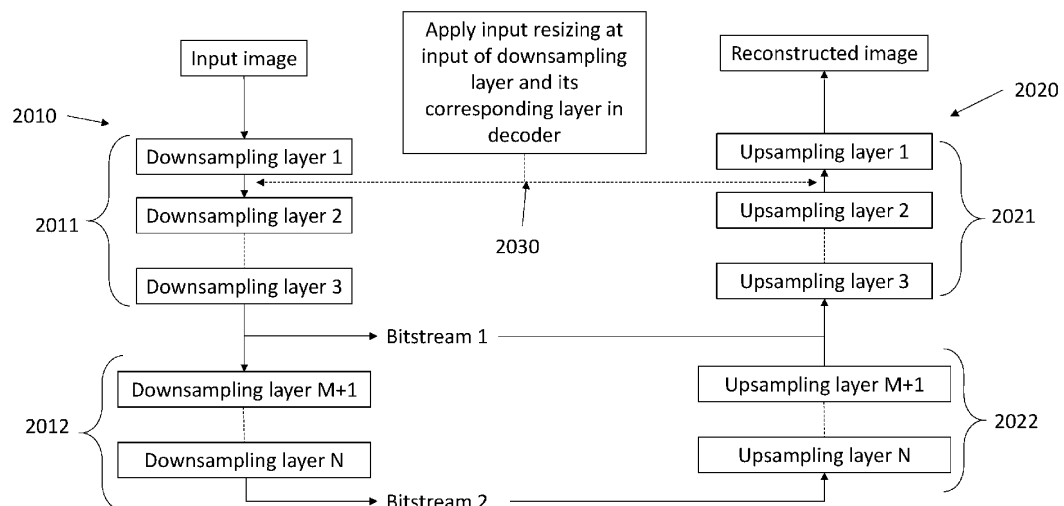
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(54) Title: A METHOD AND APPARATUS FOR ENCODING OR DECODING A PICTURE USING A NEURAL NETWORK

Fig. 18



(57) Abstract: A method and apparatus for encoding or decoding a picture using a neural network Disclosed herein are methods and systems for encoding a picture and decoding a bitstream that may represent an encoded picture. During encoding and decoding, rescaling operations are applied to rescale an input to a size that can be processed by a layer of a neural network. Embodiments disclosed herein provide methods for rescaling that achieve a reduced size of the bitstream, thereby improving compression.

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