```
_____
Layer (type)                Output Shape              Param #
================================================================
input_1 (InputLayer)        (None, 224, 224, 3)       0
_____
block1_conv1 (Conv2D)       (None, 224, 224, 64)      1792
_____
block1_conv2 (Conv2D)       (None, 224, 224, 64)      36928
_____
block1_pool (MaxPooling2D)  (None, 112, 112, 64)      0
_____
block2_conv1 (Conv2D)       (None, 112, 112, 128)     73856
_____
block2_conv2 (Conv2D)       (None, 112, 112, 128)     147584
_____
block2_pool (MaxPooling2D)  (None, 56, 56, 128)       0
_____
block3_conv1 (Conv2D)       (None, 56, 56, 256)       295168
_____
block3_conv2 (Conv2D)       (None, 56, 56, 256)       590080
_____
block3_conv3 (Conv2D)       (None, 56, 56, 256)       590080
_____
block3_pool (MaxPooling2D)  (None, 28, 28, 256)       0
_____
block4_conv1 (Conv2D)       (None, 28, 28, 512)       1180160
_____
block4_conv2 (Conv2D)       (None, 28, 28, 512)       2359808
_____
block4_conv3 (Conv2D)       (None, 28, 28, 512)       2359808
_____
block4_pool (MaxPooling2D)  (None, 14, 14, 512)       0
_____
block5_conv1 (Conv2D)       (None, 14, 14, 512)       2359808
_____
block5_conv2 (Conv2D)       (None, 14, 14, 512)       2359808
_____
block5_conv3 (Conv2D)       (None, 14, 14, 512)       2359808
_____
block5_pool (MaxPooling2D)  (None, 7, 7, 512)         0
_____
flatten (Flatten)           (None, 25088)             0
_____
fc1 (Dense)                 (None, 4096)              102764544
_____
fc2 (Dense)                 (None, 4096)              16781312
_____
predictions (Dense)         (None, 1000)              4097000
================================================================
Total params: 138,357,544
Trainable params: 138,357,544
Non-trainable params: 0
_____
```