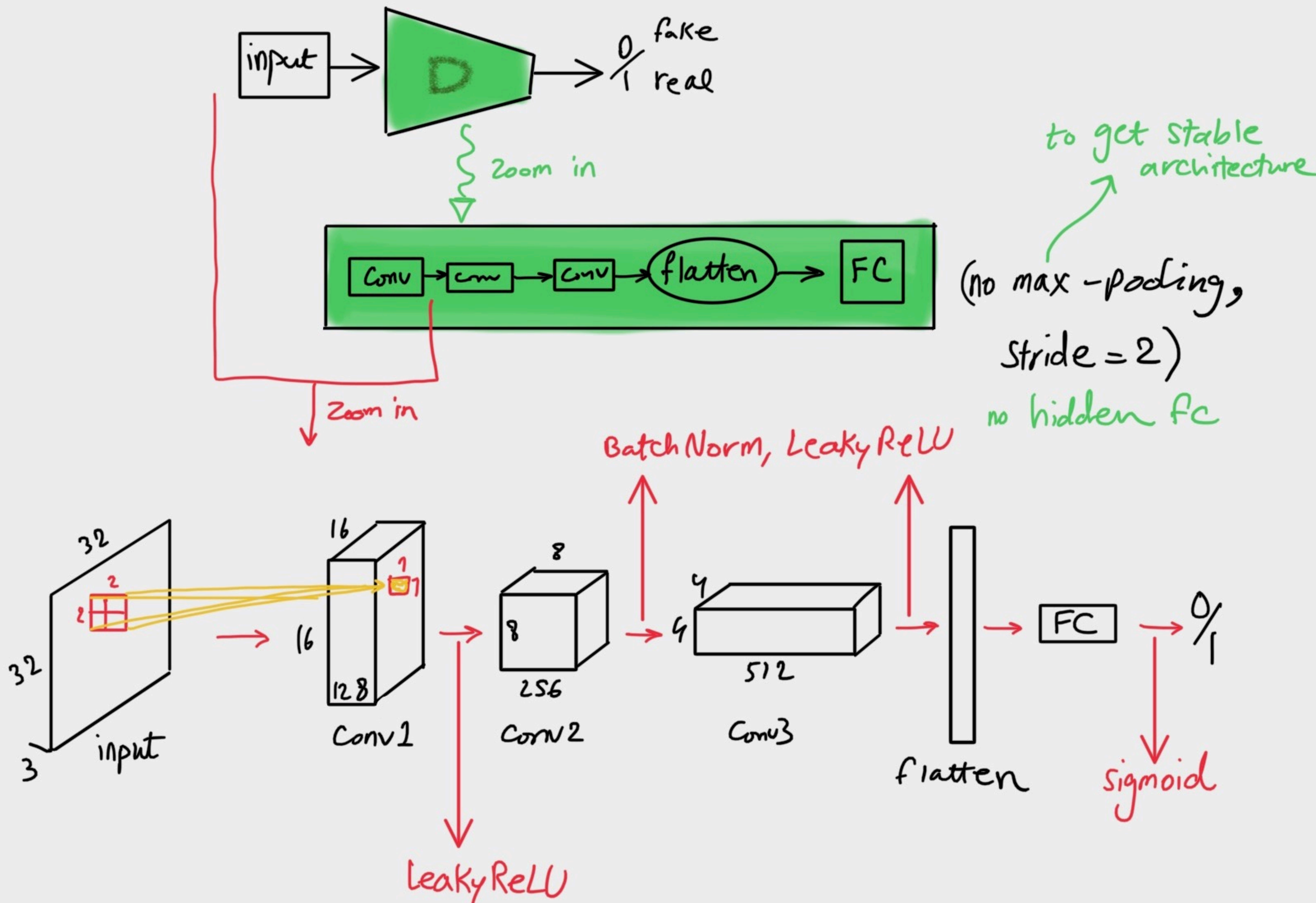


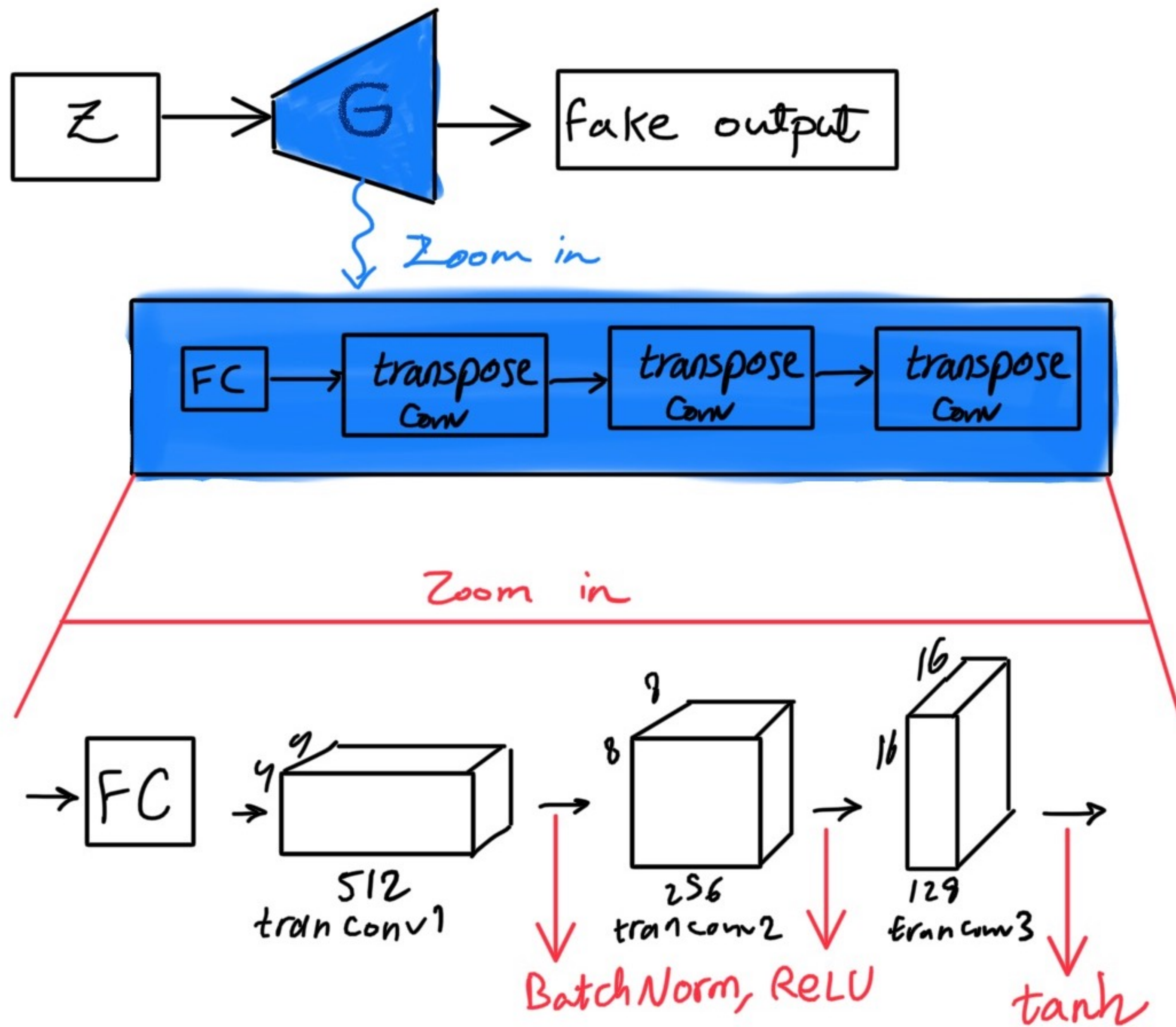
Deep Convolutional GAN (DCGAN)

We use Conv nets.

Discriminator



Generator



Batch Normalization

- during training, normalize each layer's input by using the mean and variance of values in current batch.
(subtract by mean, div by batch std dev)
- it helps because when the distribution of inputs to each layer is similar, training a model becomes more efficient.
- each iteration becomes slower but it converges faster overall.
- Can be used with higher l's.