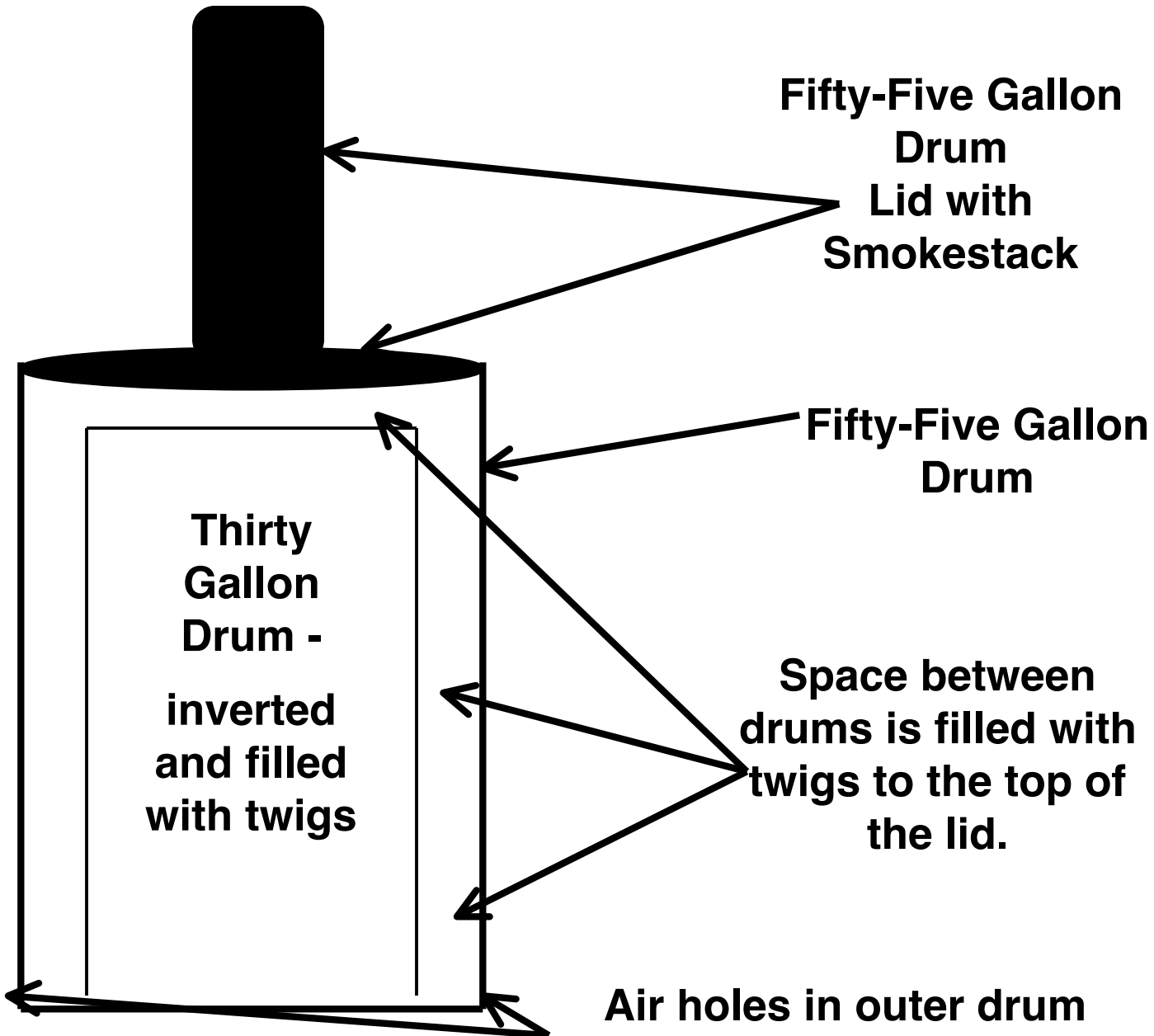
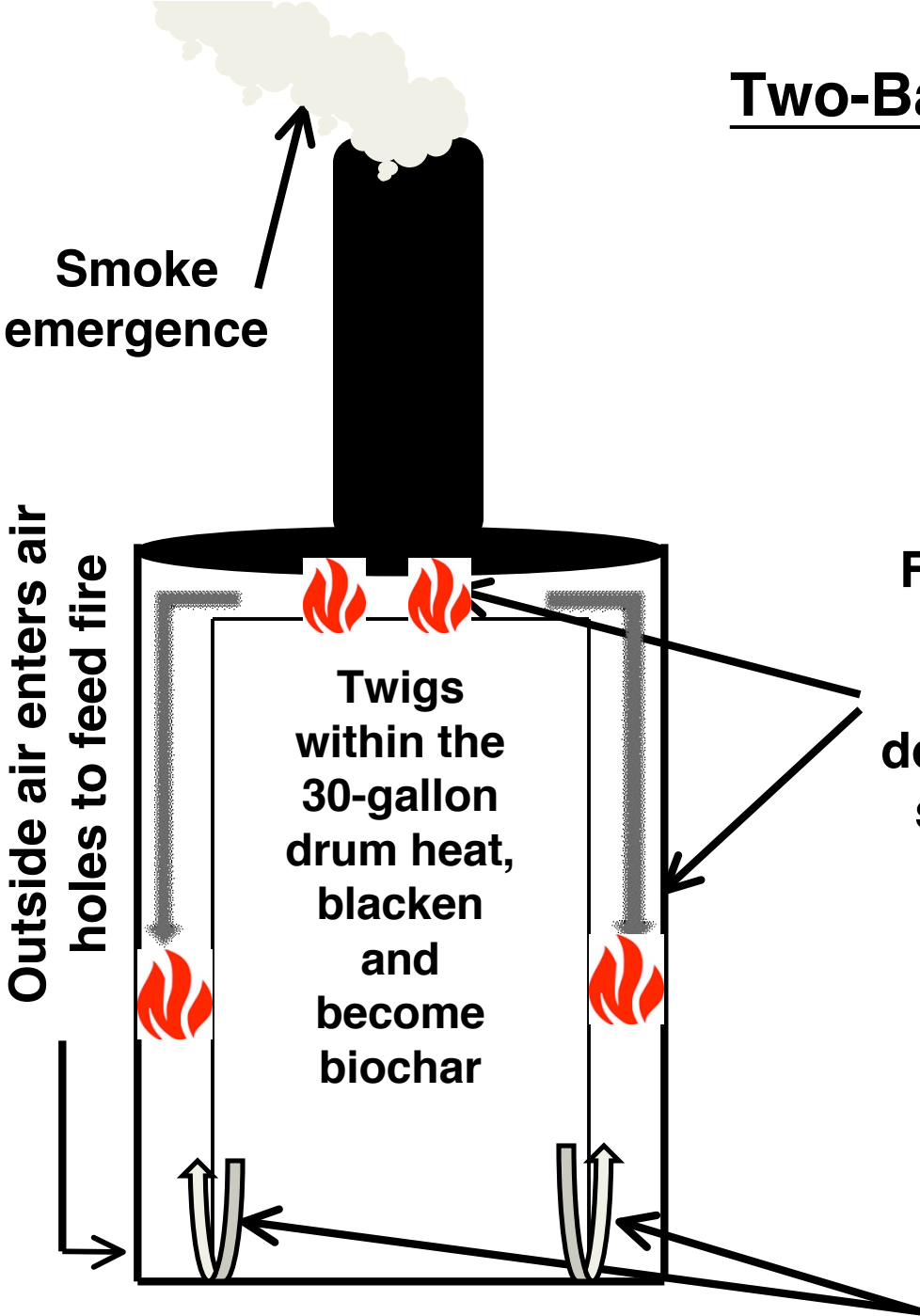


Two-Barrel Nested Biochar Retort—Prior to Burning



Two-Barrel Nested Biochar Retort During Burning



Smoke emergence

Outside air enters air holes to feed fire

Twigs within the 30-gallon drum heat, blacken and become biochar

Fire is started at the top and proceeds downwards along space between drums

Flammable wood gases released from the 30-gallon drum further fuel the fire