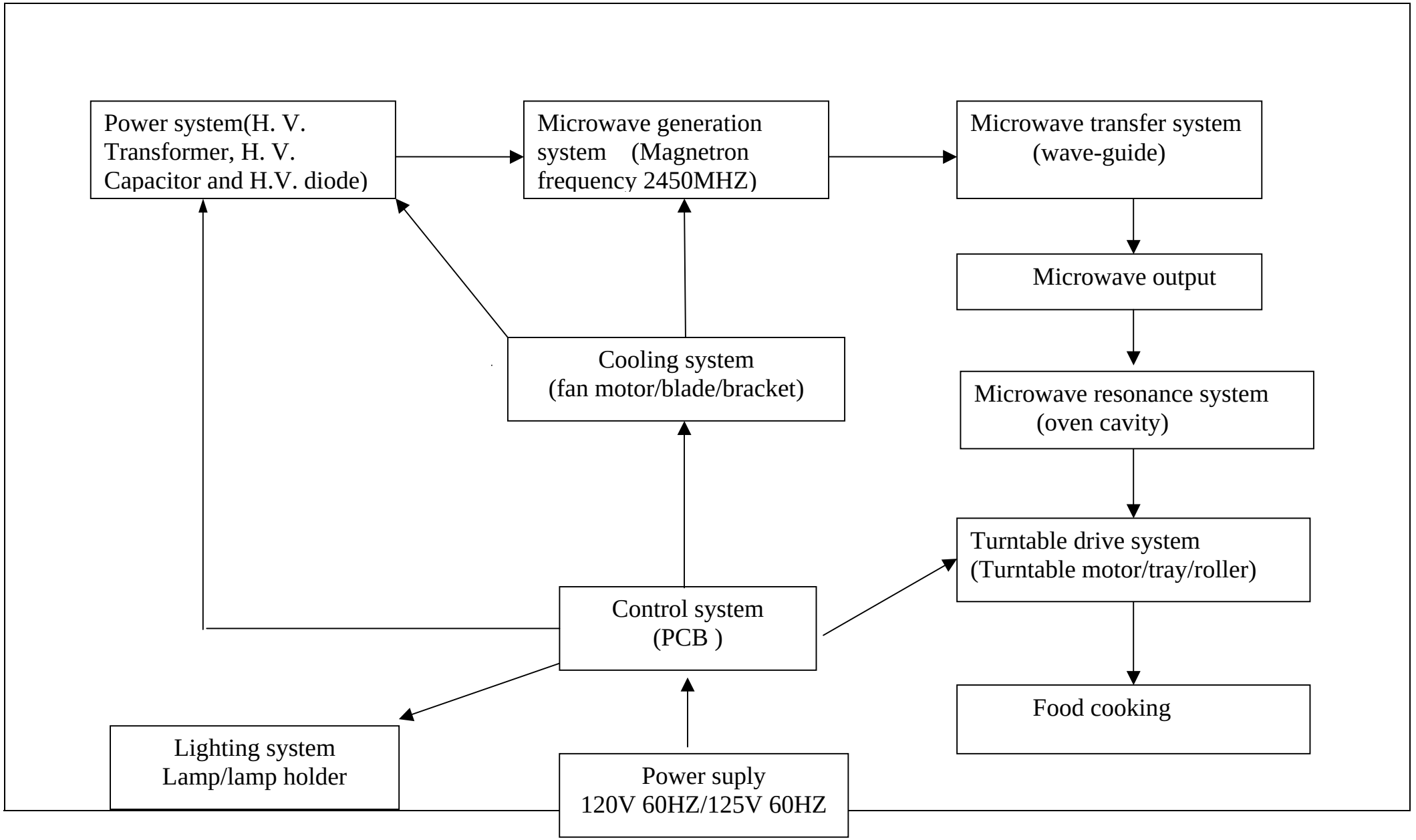EM920AFW-P block diagram