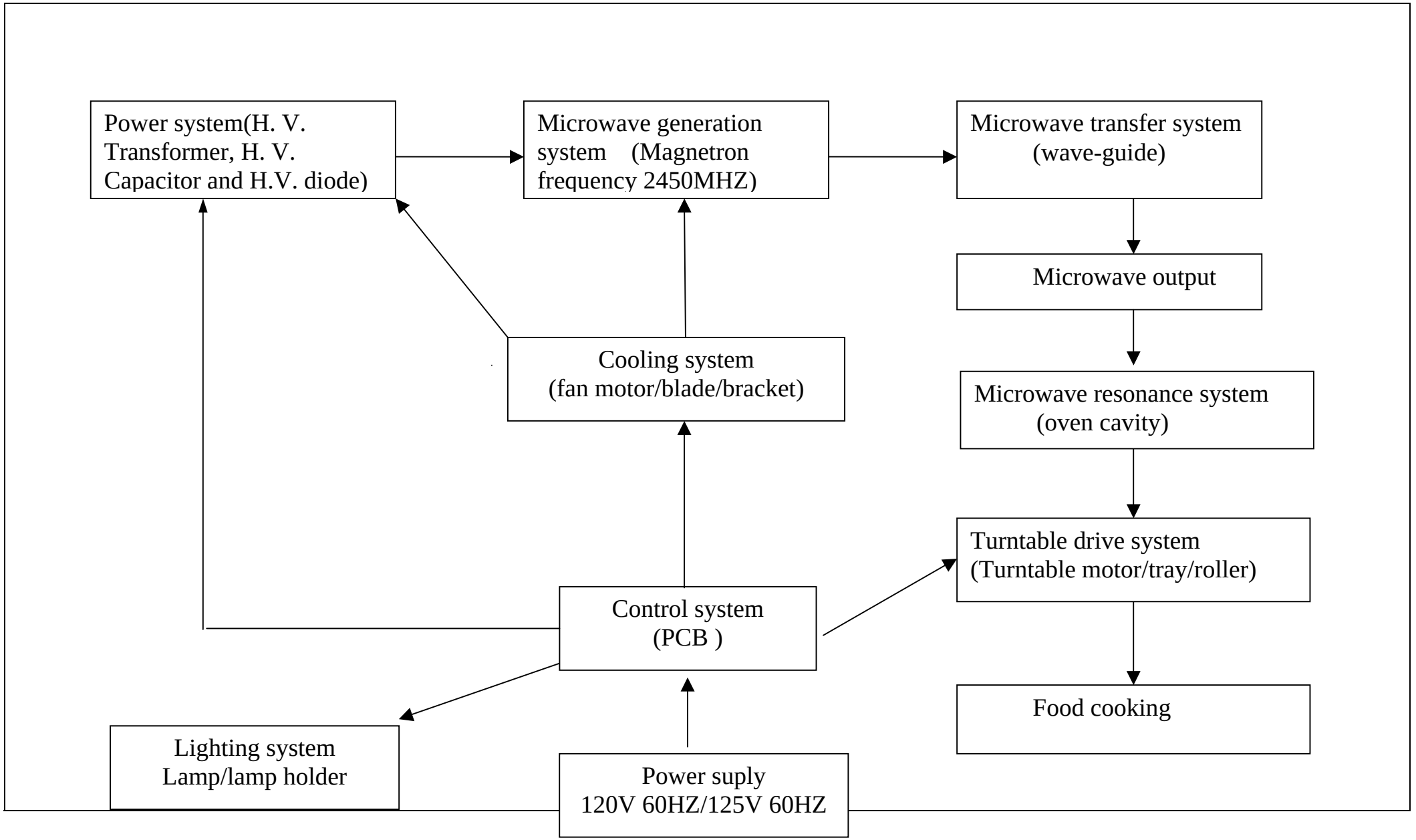EG031EOH-P BLOCK DIAGRAM