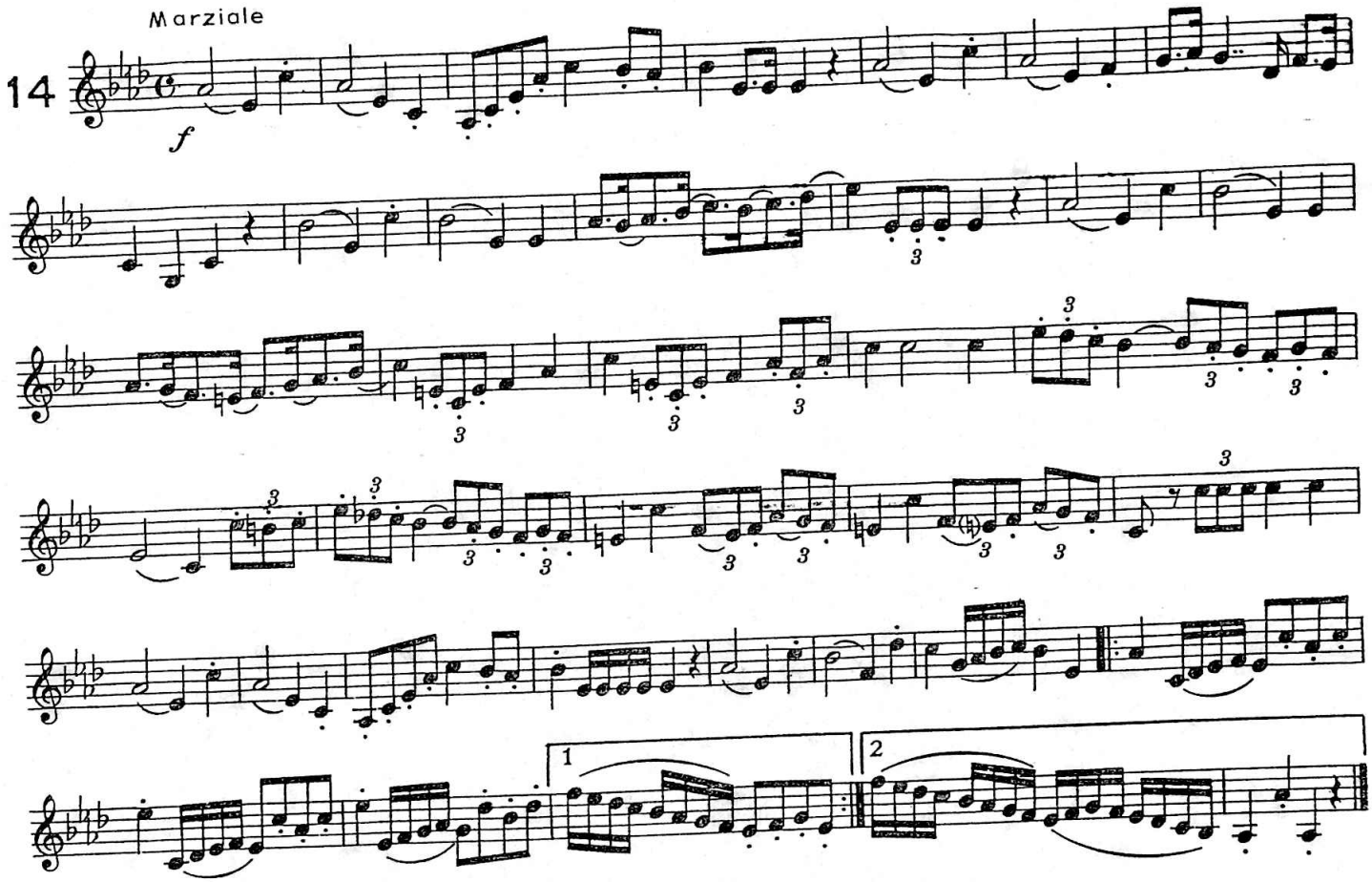F. HORN 3