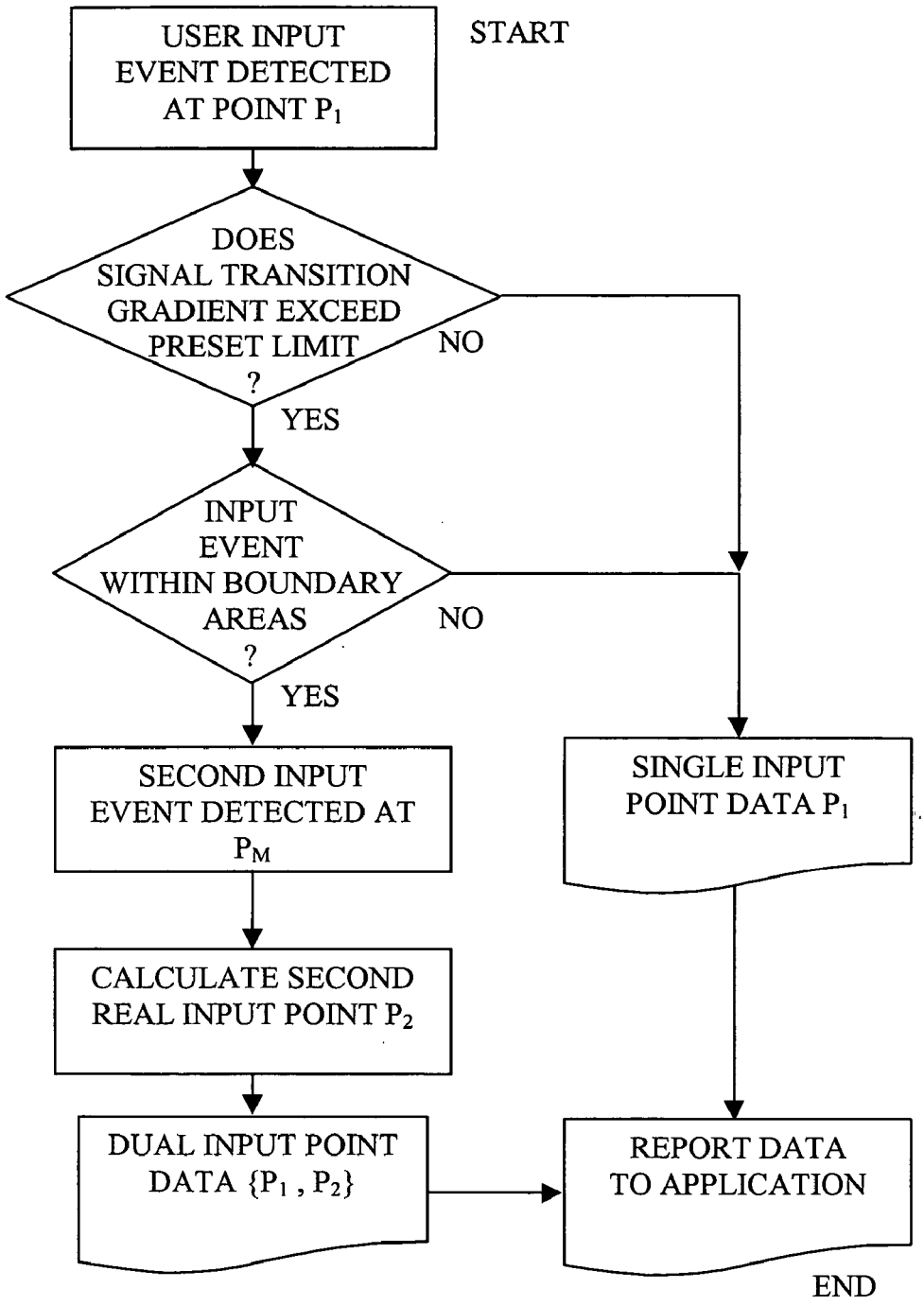
START
USER INPUT EVENT DETECTED AT POINT P_1
DOES SIGNAL TRANSITION GRADIENT EXCEED PRESET LIMIT ?
NO
YES
INPUT EVENT WITHIN BOUNDARY AREAS ?
NO
YES
SECOND INPUT EVENT DETECTED AT P_M
SINGLE INPUT POINT DATA P_1
CALCULATE SECOND REAL INPUT POINT P_2
DUAL INPUT POINT DATA $\{P_1, P_2\}$
REPORT DATA TO APPLICATION
END

Fig. 10