

ABSTRACT OF THE DISCLOSURE

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REPLACED

SIGNAL GENERATOR AND WIRELESS MOBILE SYSTEM INCLUDING THE SAME

A signal generating apparatus generates four sets of signals whose rising timing and falling timing are controlled. One signals among the four signals is produced by employing a first sequence control unit, a first coincidence detecting unit a second coincidence detecting unit, and a first output controlling unit. A timer increments a count value in response to a timer increment signal to produce a timer output value. The first sequence controlling unit produces two correction values obtained by correcting the timer output value inputted from the timer. The first coincidence detecting unit outputs a coincidence detection pulse when the correction value inputted from the first sequence control unit is coincident with the internally set set value. The second coincidence detecting unit outputs another coincidence detection pulse when the correction value inputted from the first sequence control unit is coincident with the internally set set value. The first output controlling unit controls the rising timing of the signal in response to the coincidence detection pulse inputted from the first coincidence detecting unit, and also controls the falling timing of the signal in response to another coincidence detection pulse inputted from said second coincidence detecting unit.

Fig. 1 to accompany abstract when published

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