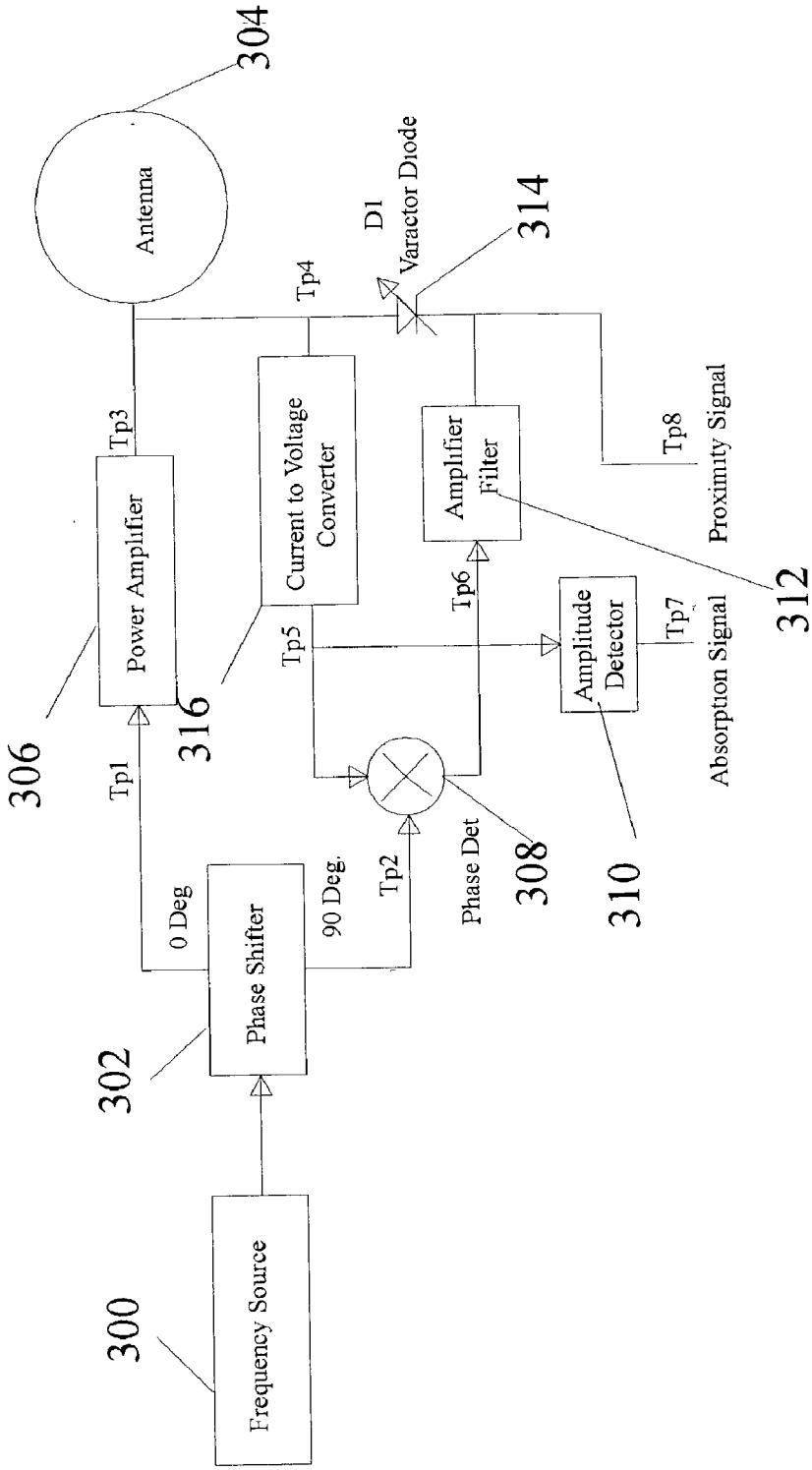
Frequency Source
300
Phase Shifter
302
0 Deg
90 Deg.
Tp1
Tp2
Power Amplifier
306
Tp3
Antenna
304
Tp4
Current to Voltage Converter
316
Tp5
Phase Det
308
Tp6
D1
Varactor Diode
314
Amplifier Filter
312
Amplitude Detector
310
Tp7
Absorption Signal
Tp8
Proximity Signal

Fig. 20