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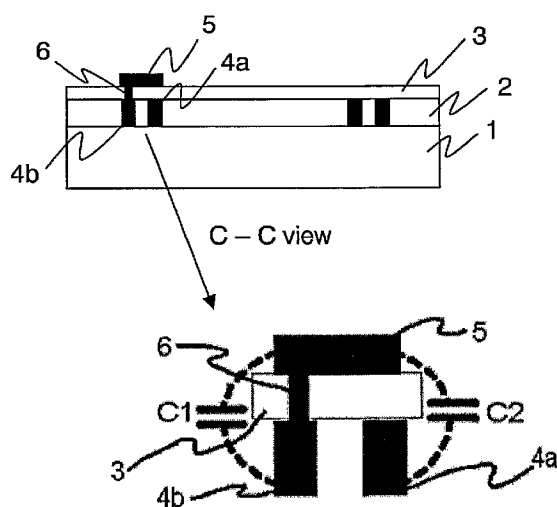
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(54) Title: ON-CHIP INDUCTOR WITH TRIMMABLE INDUCTANCE, A METHOD FOR MAKING THE SAME AND A METHOD FOR ADJUSTING THE IMPEDANCE OF THE INDUCTANCE



(57) Abstract: Means for trimming an inductor on a chip for use in RFID tags. The inductor coil (4) is manufactured on a chip (1) and covered with a dielectric layer (3). Upon the dielectric layer (3) strips (5) are made above the inductor (4) thus forming a capacitor in parallel with the inductor. The strips (5) may be of different widths and one end of each may be electrically connected (6) to the inductor. Selective removal of strips (5) allows the capacitance in parallel to the inductor to be adjusted and so the effective inductance as seen by an external circuit is adjusted.

WO 2006/110105 A1