

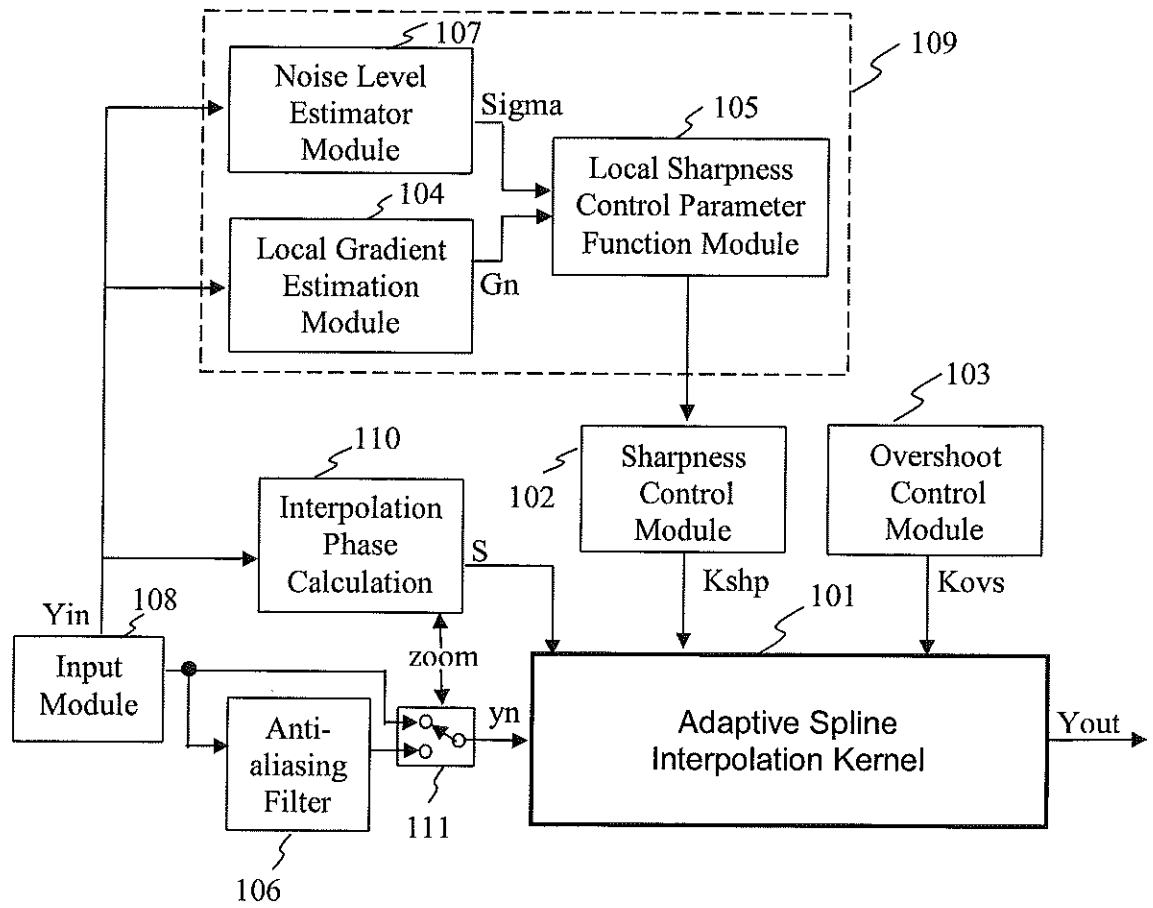


FIG 1

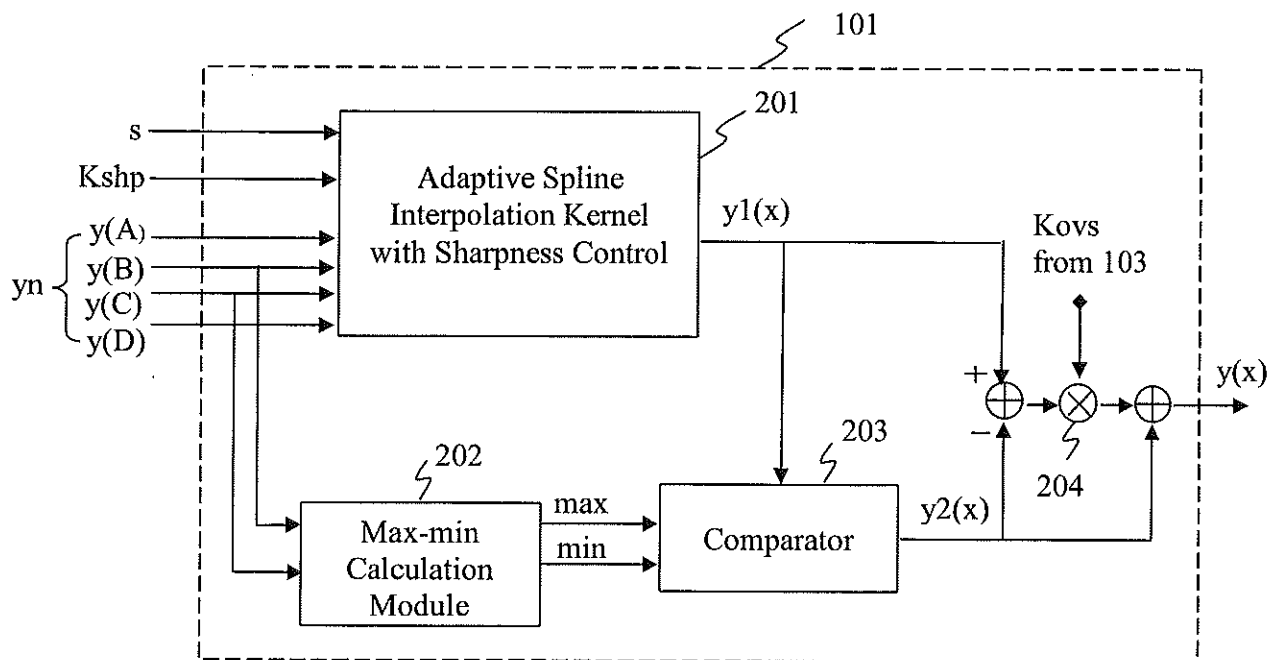


FIG 2

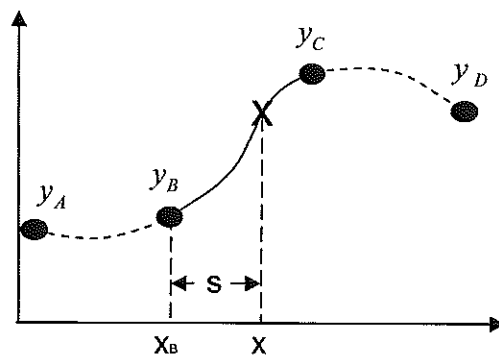


FIG 3

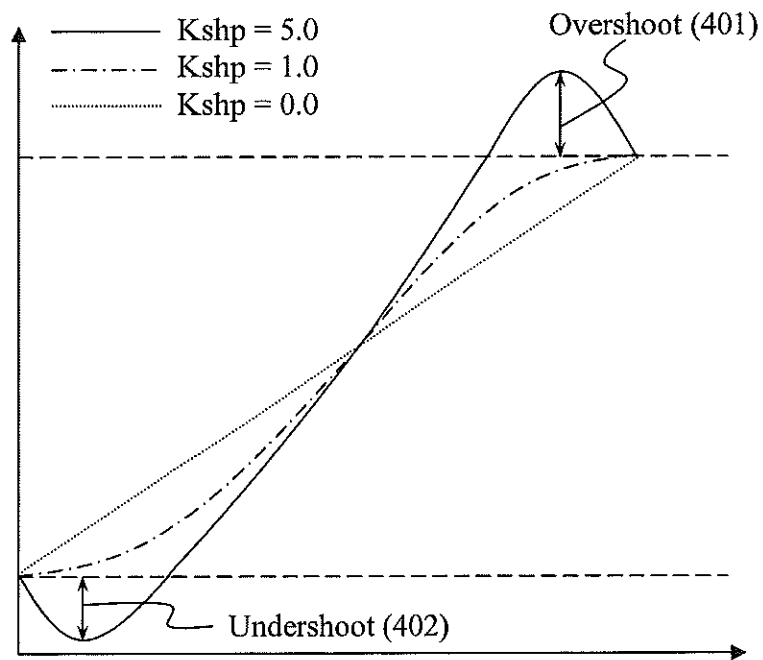


FIG 4

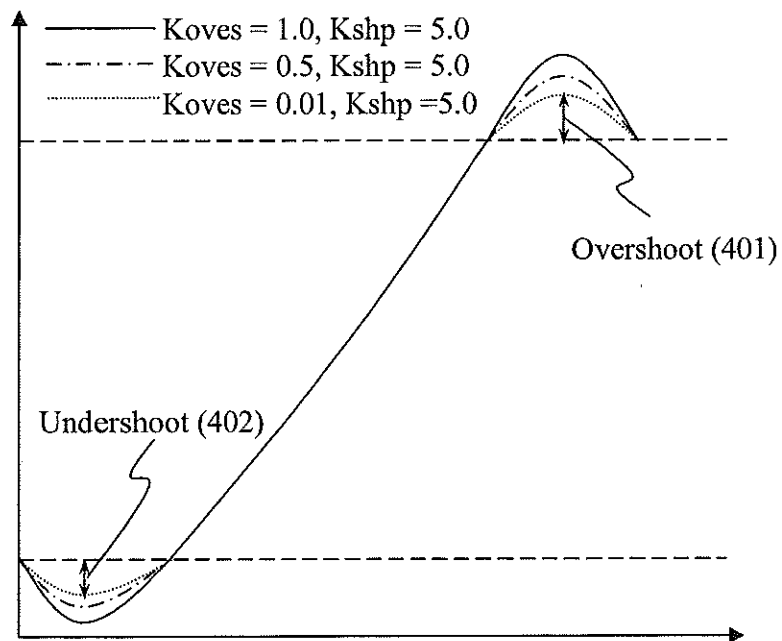


FIG 5

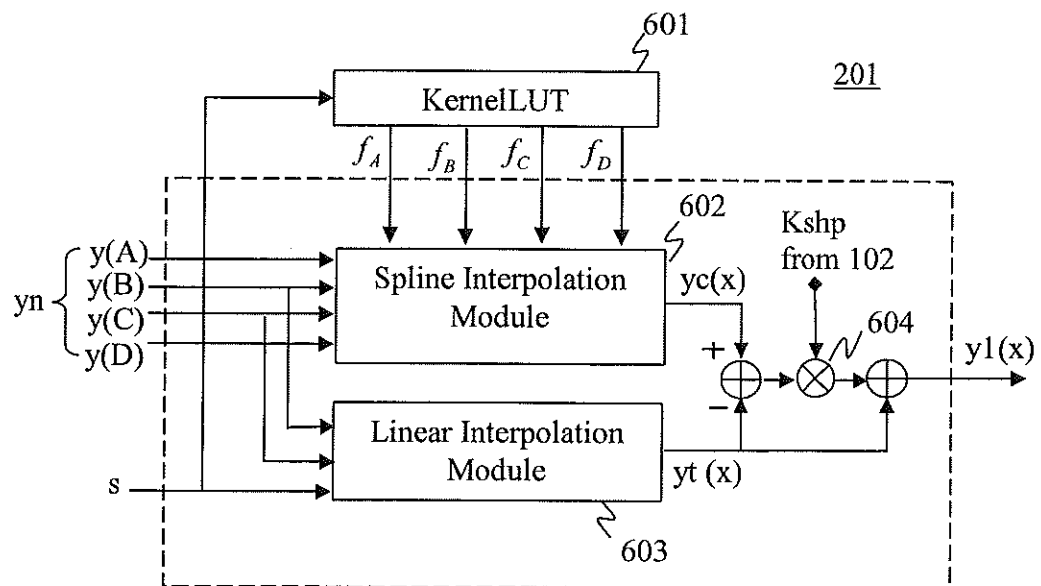


FIG 6

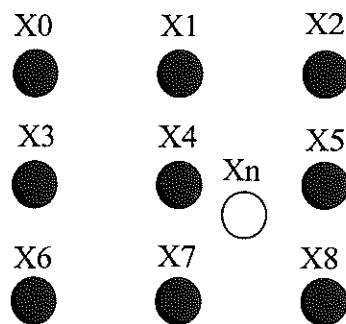


FIG 7

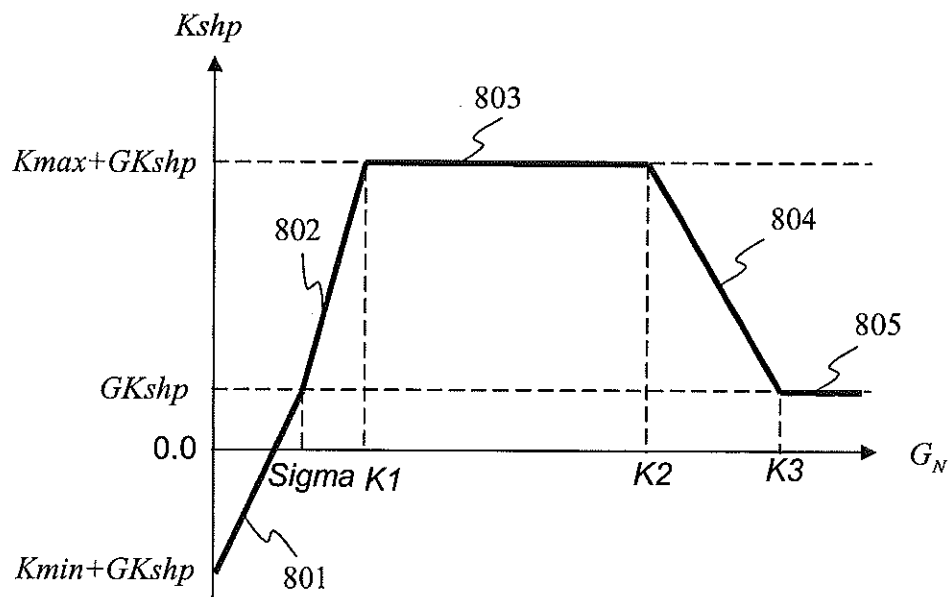


FIG 8

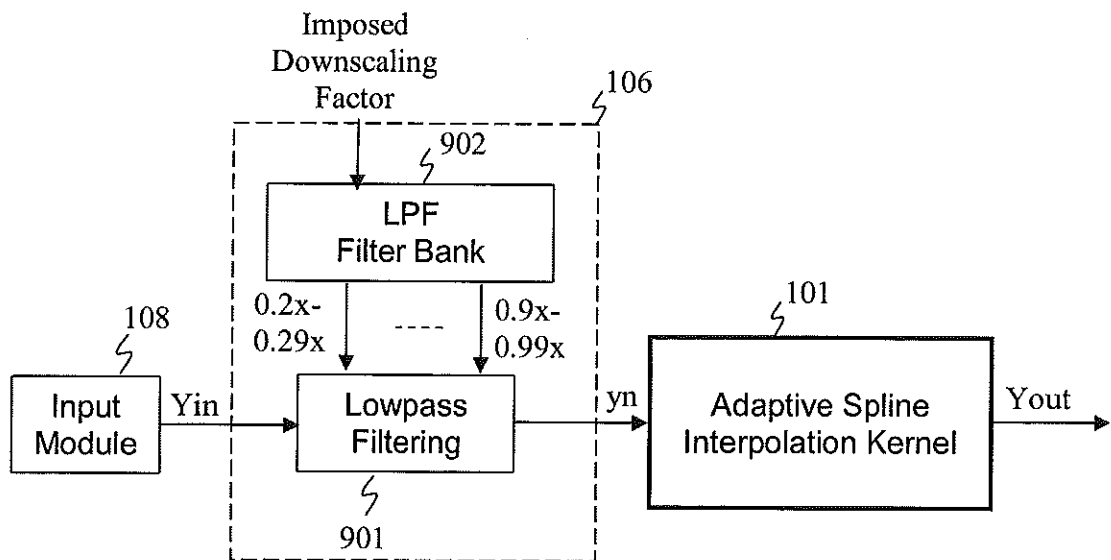


FIG 9

6/7

Downscaling Factors	1D 7-tap Lowpass Filter Coefficients $h(n)$, $n=0\dots6$. $y(n) = \sum_{i=n-3}^{n+3} h(i) * Yin(i)$
0.20x - 0.29x	2, 18, 63, 90, 63, 18, 2
0.30x - 0.39x	0, 12, 65, 102, 65, 12, 0
0.40x - 0.49x	-2, 4, 65, 122, 65, 4, -2
0.50x - 0.59x	-2, -4, 63, 142, 63, -4, -2
0.60x - 0.69x	0, -10, 56, 164, 56, -10, 0
0.70x - 0.79x	2, -13, 44, 190, 44, -13, 2
0.80x - 0.89x	2, -10, 28, 216, 28, -10, 2
0.90x - 0.99x	1, -4, 10, 242, 10, -4, 1

FIG 10

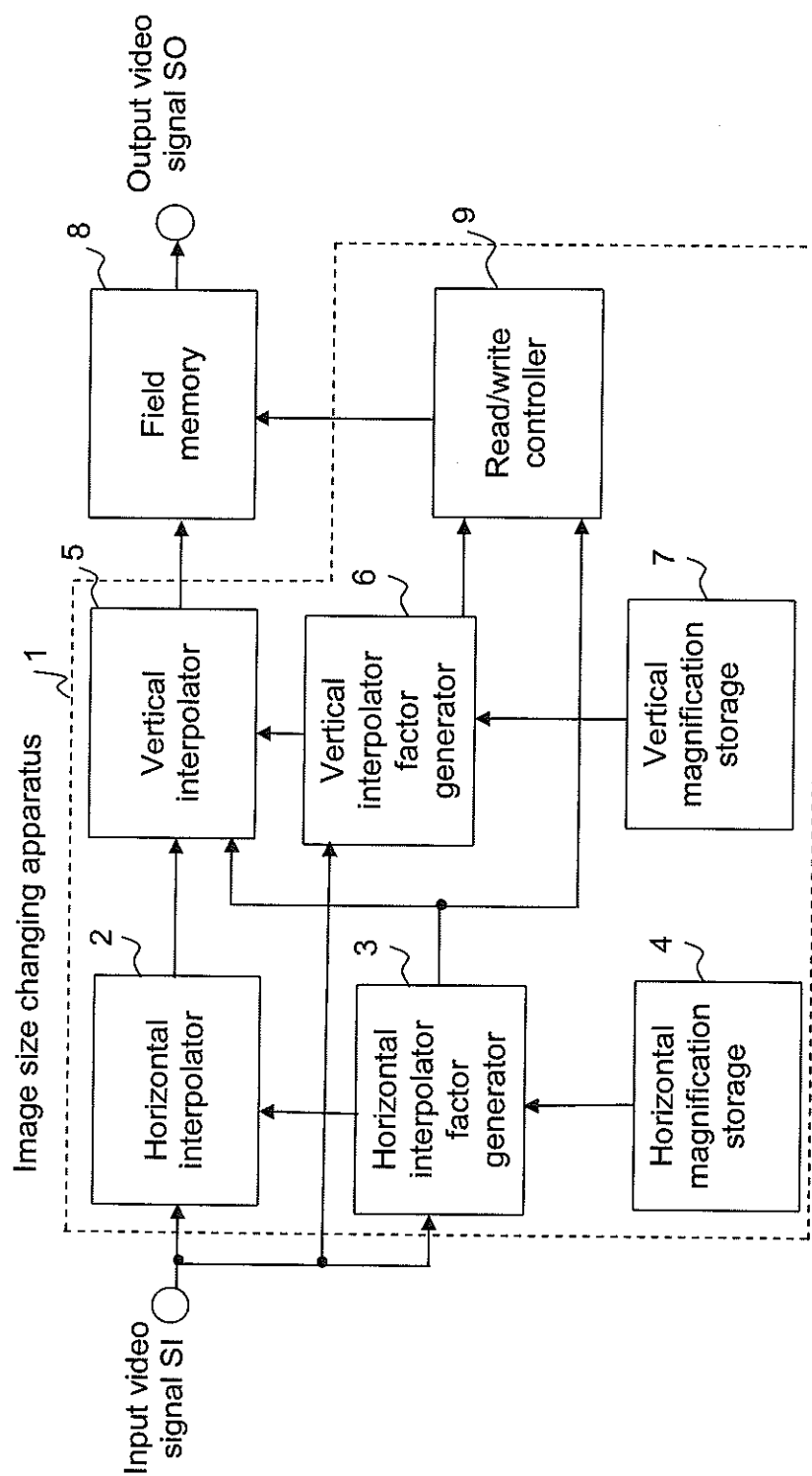


FIG 11 (PRIOR ART)