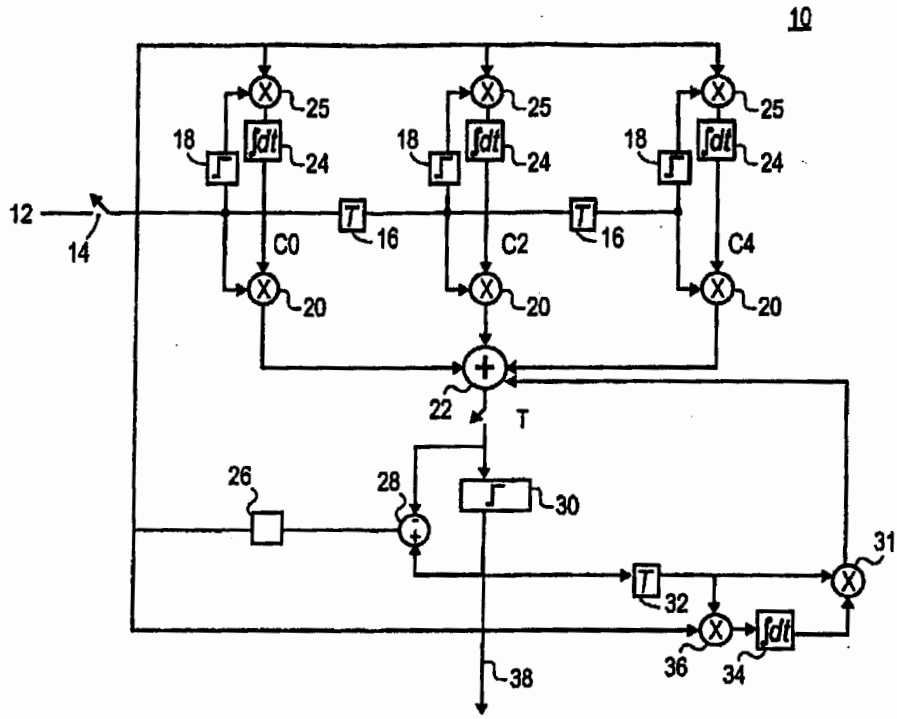


FIG. 1
(PRIOR ART)

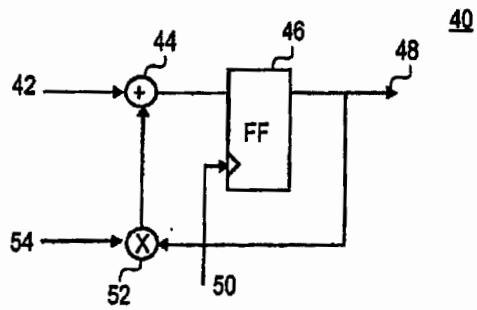


FIG. 2
(PRIOR ART)

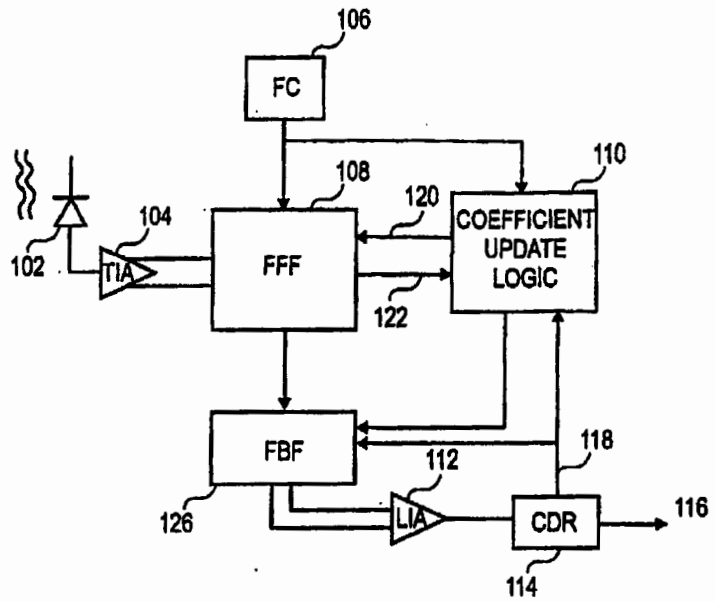

106
FC
110
108
120
104
COEFFICIENT
UPDATE
LOGIC
102
TIA
FFF
122
FBF
118
112
126
LIA
CDR
116
114

FIG. 3

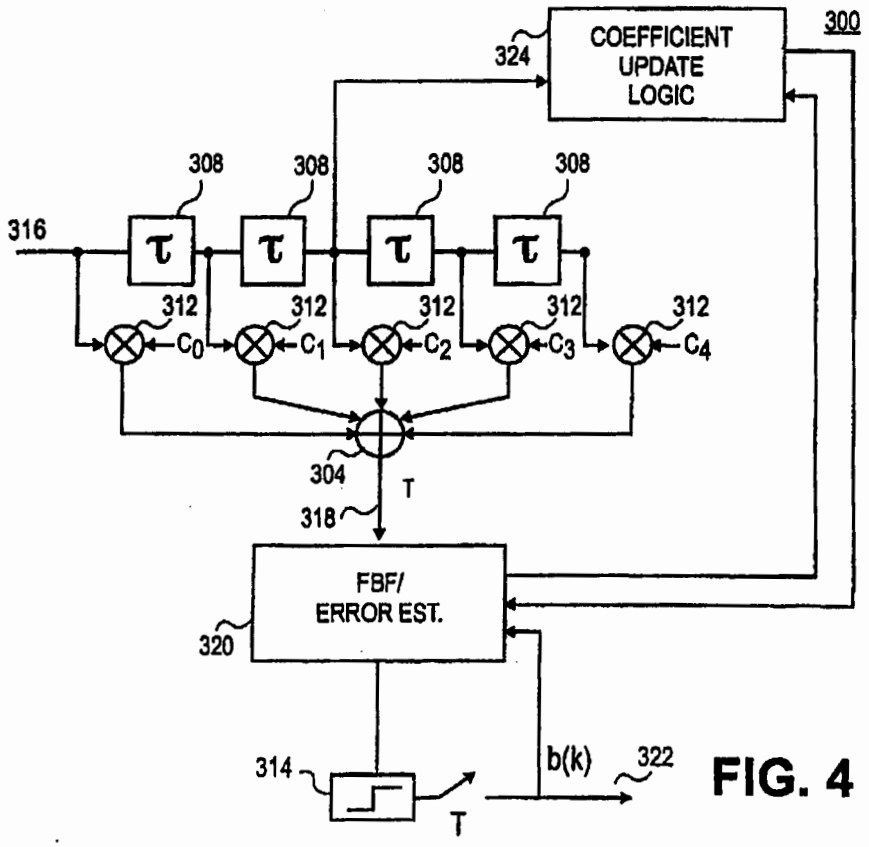

300
324
COEFFICIENT
UPDATE
LOGIC
308
308
308
308
316
τ
τ
τ
τ
312
312
312
312
312
C0
C1
C2
C3
C4
304
T
318
FBF/
ERROR EST.
320
314
b(k)
322
T

FIG. 4

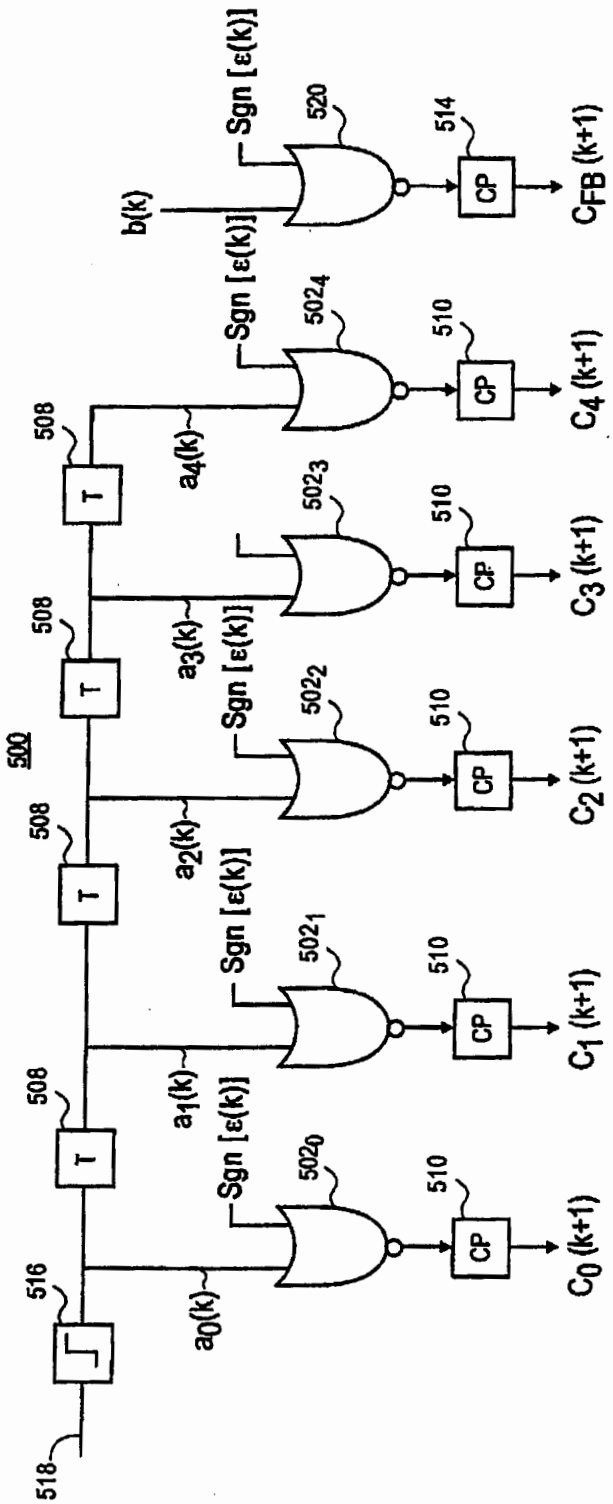

500
518
516
508
T
$a_0(k)$
$a_1(k)$
$a_2(k)$
$a_3(k)$
$a_4(k)$
b(k)
Sgn [ε(k)]
502_0
502_1
502_2
502_3
502_4
520
510
CP
514
C_0 (k+1)
C_1 (k+1)
C_2 (k+1)
C_3 (k+1)
C_4 (k+1)
C_{FB} (k+1)

FIG. 5

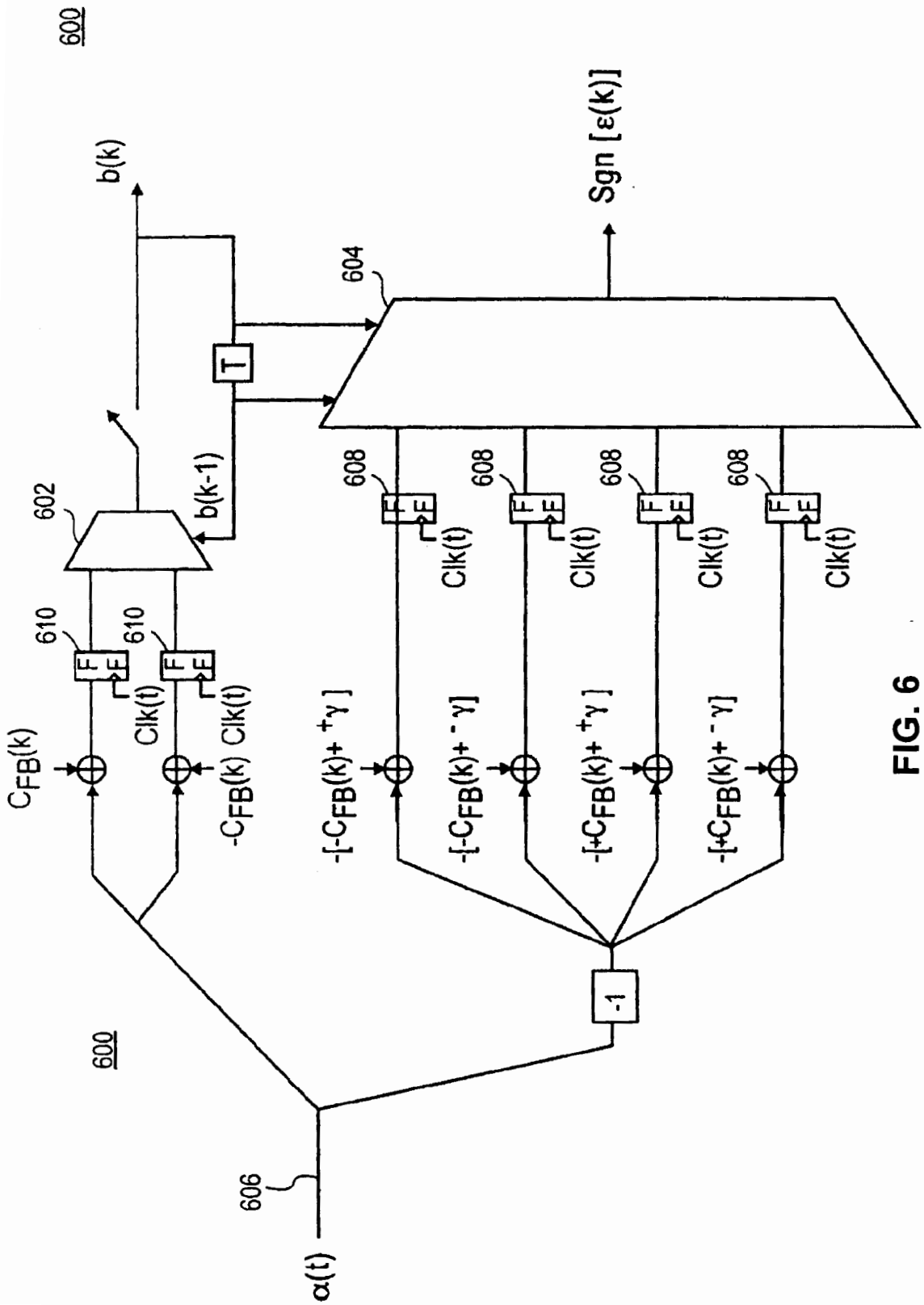

600
b(k)
Sgn [ε(k)]
604
T
602
b(k-1)
608
608
608
608
F
E
Clk(t)
610
610
$C_{FB}(k)$
$-C_{FB}(k)$
$-[-C_{FB}(k)+\gamma]$
$-[-C_{FB}(k)-\gamma]$
$-[+C_{FB}(k)+\gamma]$
$-[+C_{FB}(k)-\gamma]$
-1
606
α(t)

FIG. 6

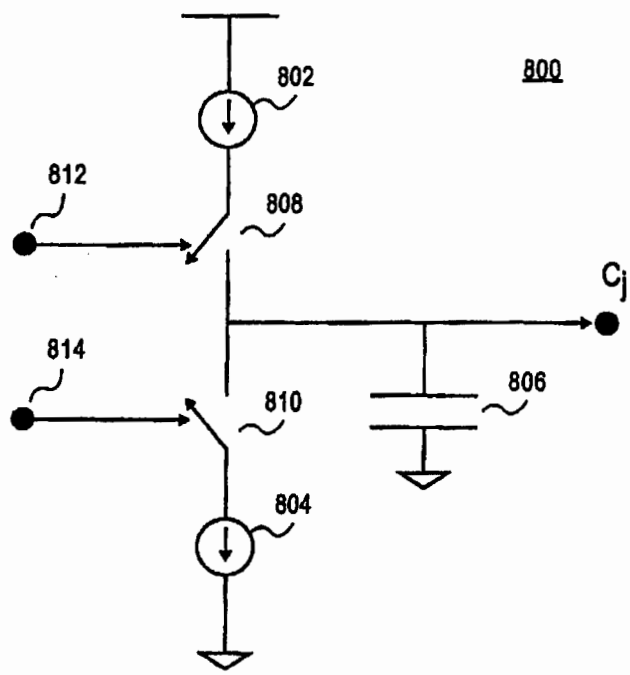


FIG. 7