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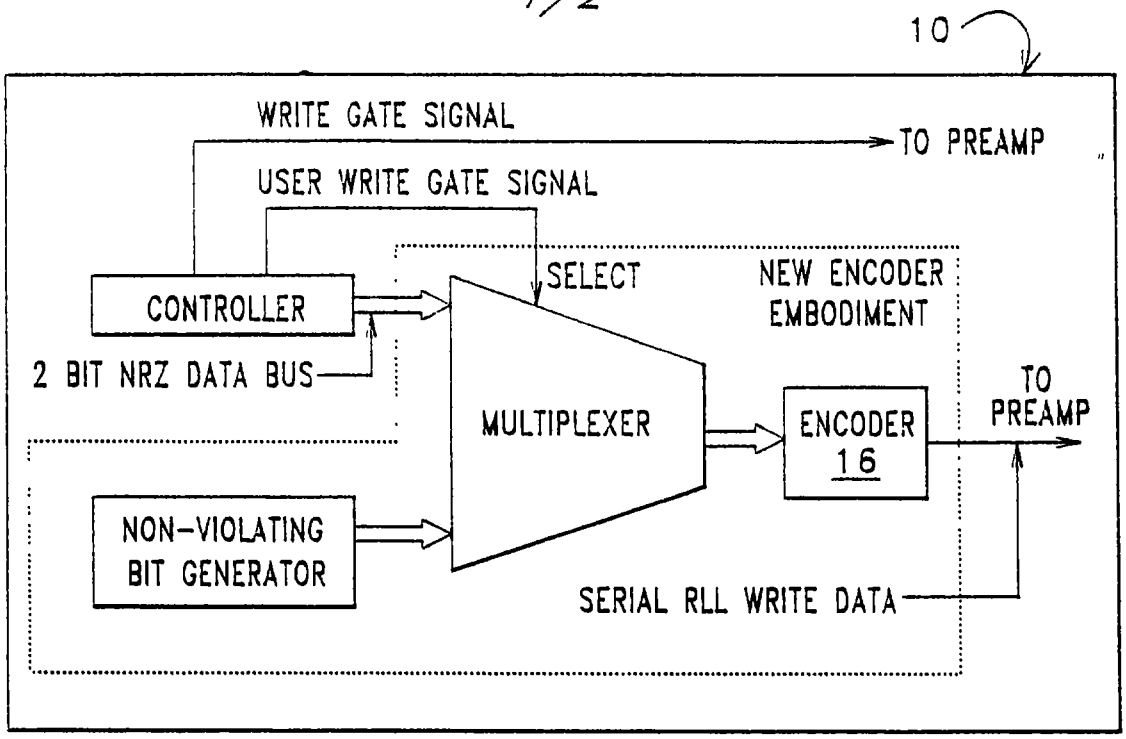


FIG. 1

UNCONSTRAINED 2 BIT DATA PAIRS	CONTRAINED 3 BIT DATA WORDS
0 0	0 0 1
0 1	0 1 0
1 0	1 0 0
1 1	1 0 1

PRIMARY LOOKUP TABLE

FIG. 2

UNCONSTRAINED 2 BIT DATA PAIRS THAT CAUSE VIOLATIONS	CONSTRAINED 6 BIT DATA WORDS THAT VIOLATE CONSTRAINT	CONSTRAINED 6 BIT DATA WORDS THAT CORRECT VIOLATIONS
0 0 1 0	0 0 1 1 0 0	0 0 1 0 0 0
0 0 1 1	0 0 1 1 0 1	0 1 0 0 0 0
1 1 1 0	1 0 1 1 0 0	1 0 1 0 0 0
1 1 1 1	1 0 1 1 0 1	1 0 0 0 0 0

SECONDARY LOOKUP TABLE

FIG. 3

UNCONSTRAINED DATA	0 0	0 1	1 0	1 1	1 0	1 0	0 0	1 0	0 1
CONSTRAINED DATA	001	010	100	101	000	100	010	000	010
GENERATING TABLE	P.T.	P.T.	P.T.	S.T.		P.T.	S.T.		P.T.

SAMPLE ENCODING

FIG. 4

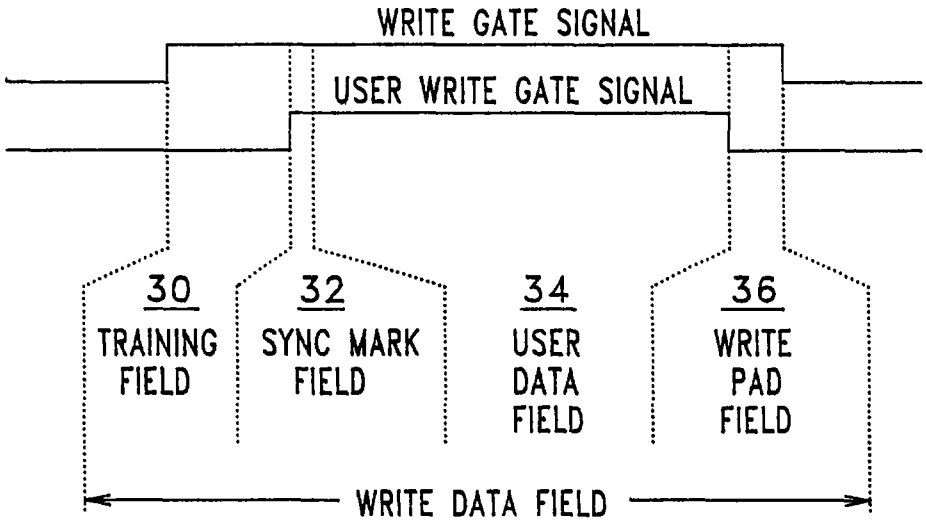


FIG. 5