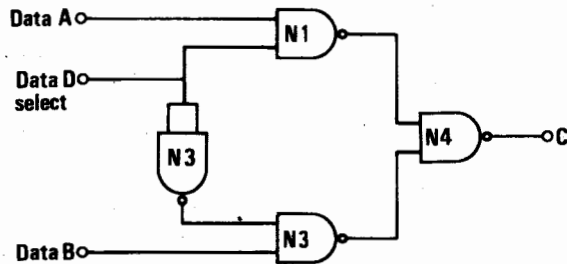## THE 7400 A TWO-WAY DATA SELECTOR!

When the "DATA SELECT" terminal is at logical '0', the output of N1 is held high, whilst information presented on the "DATA B" terminal is transferred to the output of the circuit. Similarly, when the "DATA SELECT" terminal is at logical "1", the output of N3 is held high, whilst "DATA A" is transferred to the output. In a parallel data system one 7400 would be used for each bit.

input			output
D	A	B	C
0	X	0	0
0	X	1	1
1	0	X	0
1	1	X	1