	Present state	Next state		Output
		$w = 0$	$w = 1$	z
	$y_2 y_1$	$Y_2 Y_1$	$Y_2 Y_1$	
A	00	00	01	0
B	01	00	10	0
C	10	00	10	1
	11	dd	dd	d

Figure 6.6 State-assigned table corresponding to Figure 6.4.