1 Mbyte block		1 M				
Request 100 K	A = 128 K 256 K			512 K		
Request 240 K	A = 128 K	A = 128 K				
Request 64 K	A = 128 K	C = 64 K 64 K	B = 256 K	512 K		
Request 256 K	A = 128 K	C = 64 K 64 K	B = 256 K	D = 256 K	256 K	
Release B	A = 128 K	C = 64 K 64 K	256 K	D = 256 K	256 K	
Release A	128 K	C = 64 K 64 K	256 K	D = 256 K	256 K	
Request 75 K	E = 128 K	C = 64 K 64 K	256 K	D = 256 K	256 K	
Release C	$\mathbf{E} = 128 \; \mathbf{K}$	128 K	256 K	D = 256 K	256 K	
Release E	L - 120 IX	512 K D = 256 K 256 K				
Release D	1 M					

Figure 7.6 Example of Buddy System