1 Mbyte block	1 M			
Request 100 K	A = 128 K 256 K 512 K			
Request 240 K	A = 128 K 128 K	B = 256 K	512 K	
Request 64 K	A = 128  K   C = 64  K   64  K	B = 256 K	512 K	
Request 256 K	$A = 128 \text{ K}  _{C = 64 \text{ K}}  _{64 \text{ K}}$	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	E = 128 K 128 K	256 K	D = 256 K	256 K
Release E	512 K		D = 256 K	256 K
Release D	1 M			

Figure 7.6 Example of Buddy System