

FIG. 7B

```

c011a034 <vfree>:
c011a034:      mov     ip, sp
c011a038:      push   {fp, ip, lr, pc}
c011a03c:      sub     fp, ip, #4
c011a040:      mov     r2, sp
c011a044:      bic     r3, r2, #8128 ; 0x1fc0
c011a048:      bic     r3, r3, #63 ; 0x3f
c011a04c:      ldr     r3, [r3, #4]
c011a050:      bic     r3, r3, #-134217728 ; 0xf8000000
c011a054:      bic     r3, r3, #255 ; 0xff
c011a058:      cmp     r3, #0
c011a05c:      bne     c011a06c <vfree+0x38>
c011a060:      hvc     #0 } — 800
c011a064:      bl      c0119e78 <__vunmap> } — 710
c011a068:      ldm     sp, {fp, sp, pc}
c011a06c:      ldr     r0, [pc, #4] ; c011a078 <vfree+0x44>
c011a070:      movw    r1, #1498 ; 0x5da
c011a074:      bl      c004d52c <__bug>
c011a078:      .word   0xc068acac

```