```
lock     17          # wait for lock 17
load     x, R5       # Load variable x into R5
incr     R5          # Increment the value in R5
store    R5, x       # Store R5 back into x
release  17          # release lock 17
```

Figure 18.9 Illustration of the instructions used to guarantee exclusive access to a variable. A separate lock is assigned to each shared item.