```
bool lock = false;
process CS1 {
  while (true) {
    ⟨await (!lock) lock = true;⟩  /* entry */
    critical section;
    lock = false;                 /* exit */
    noncritical section;
  }
}
process CS2 {
  while (true) {
    ⟨await (!lock) lock = true;⟩  /* entry */
    critical section;
    lock = false;                 /* exit */
    noncritical section;
  }
}
```

Figure 3.2 Critical sections using locks.

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