```
if (nw == 0 and dr > 0) {
  dr = dr-1; V(r);   # awaken a reader, or
  }
elseif (nr == 0 and nw == 0 and dw > 0) {
  dw = dw-1; V(w);   # awaken a writer, or
  }
else
  V(e);              # release the entry lock
```

SIGNAL code for Figure 4.12.