```java
public class MultiConsensus<T> extends ConsensusProtocol<T> {
  private final int NULL = -1;
  Assign23 assign23 = new Assign23(NULL);
  public T decide(T value) {
    propose(value);
    int i = ThreadID.get();
    int j = 1-i;
    // double assignment
    assign23.assign(i, i, i, i+1);
    int other = assign23.read((i+2) % 3);
    if (other == NULL || other == assign23.read(1))
      return proposed[i];       // I win
    else
      return proposed[j];       // I lose
  }
}
```

FIGURE 5.11 Two-thread consensus using (2,3)-multiple assignment.