



**FIGURE 9.10** The FineList class: A deadlock could occur if, for example, remove() and add() calls acquired locks in opposite order. Then we could have the scenario depicted, in which thread A is about to insert a by locking first *b* and then head, and thread B is about to remove node *b* by locking first head and then *b*. Each thread holds the lock the other is waiting to acquire, so neither makes progress.