FIGURE 9.9 The FineList class: Hand-over-hand locking ensures that if concurrent remove() calls try to remove adjacent nodes, then they acquire conflicting locks. Thread *A* is about to remove node *a*, the first node in the list, while thread *B* is about to remove node *b*, where *a* points to *b*. Because *A* must lock both head and *a* and *B* must lock both *a* and *b*, they are guaranteed to conflict on *a*, forcing one call to wait for the other.