Stack Old \$ra Old \$fp main Old \$a0 fact (10) Old \$ra Old \$fp Old \$a0 fact (9) Old \$ra Old \$fp Old \$a0 fact (8) Old \$ra Old \$fp Old \$a0 Stack grows fact (7) Old \$ra Old \$fp

FIGURE A.6.3 Stack frames during the call of fact(7).