FIG. 5

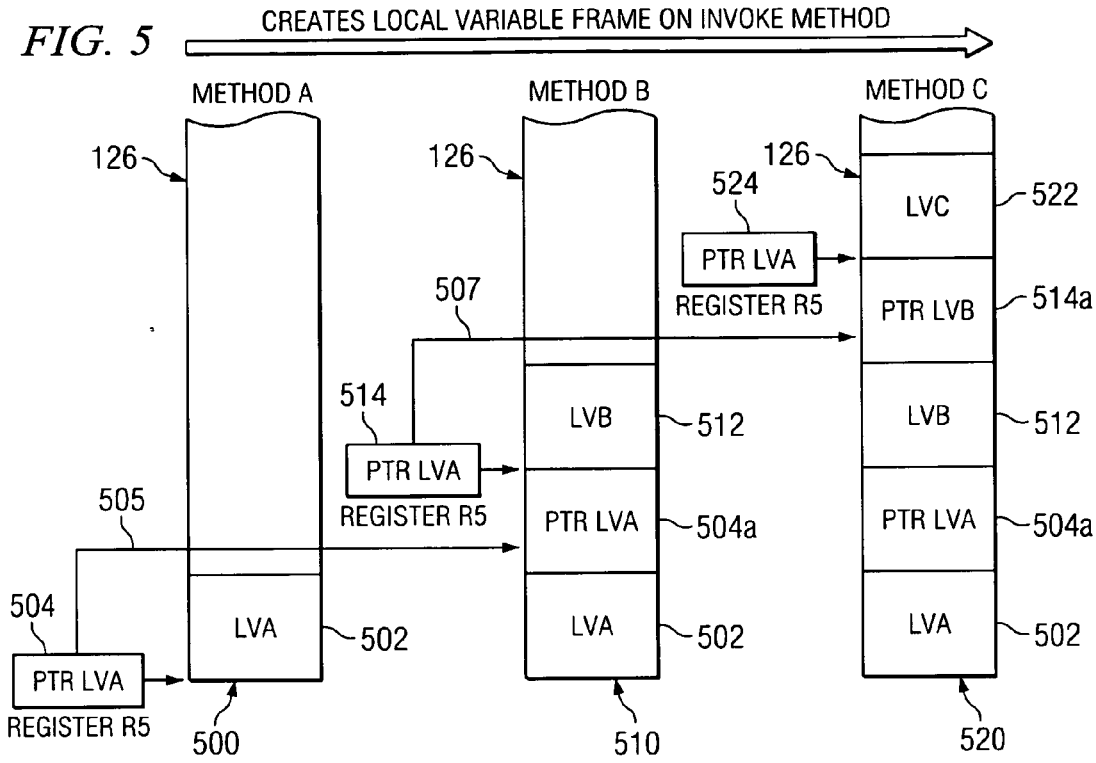
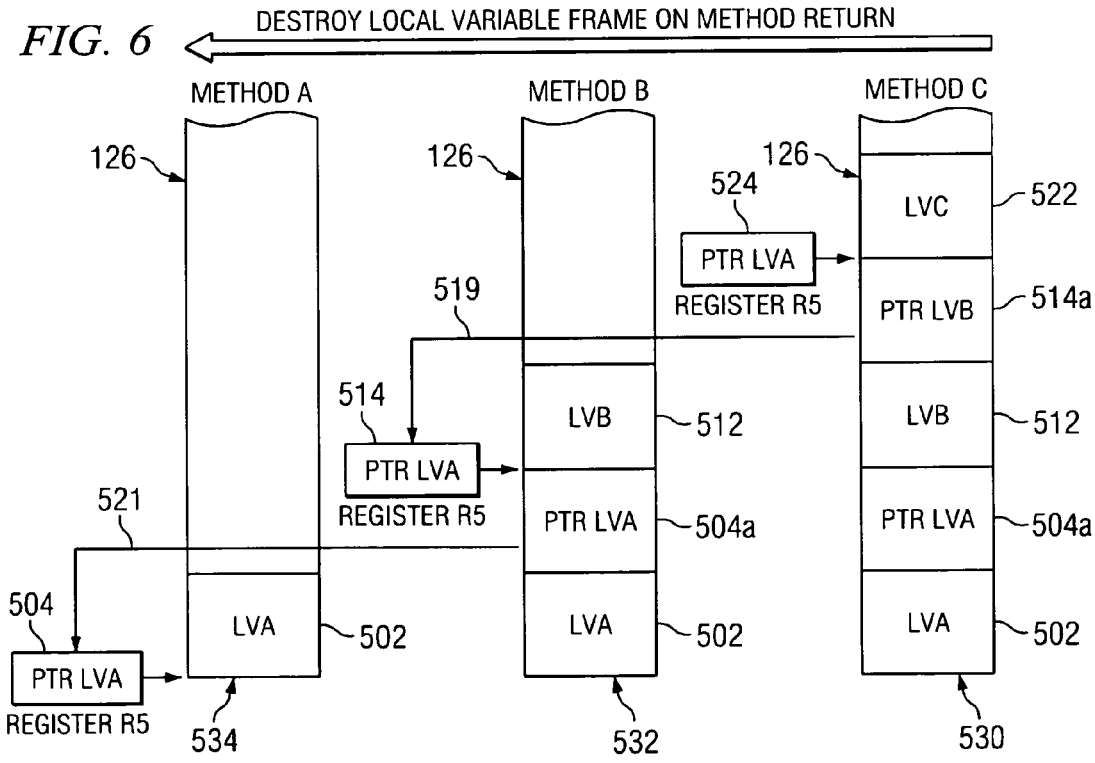

CREATES LOCAL VARIABLE FRAME ON INVOKE METHOD
METHOD A
METHOD B
METHOD C
126
126
126
524
LVC
522
PTR LVA
REGISTER R5
507
PTR LVB
514a
514
LVB
512
LVB
512
PTR LVA
REGISTER R5
505
PTR LVA
504a
PTR LVA
504a
504
LVA
502
LVA
502
LVA
502
PTR LVA
REGISTER R5
500
510
520

FIG. 6


DESTROY LOCAL VARIABLE FRAME ON METHOD RETURN
METHOD A
METHOD B
METHOD C
126
126
126
524
LVC
522
PTR LVA
REGISTER R5
519
PTR LVB
514a
514
LVB
512
LVB
512
PTR LVA
REGISTER R5
521
PTR LVA
504a
PTR LVA
504a
504
LVA
502
LVA
502
LVA
502
PTR LVA
REGISTER R5
534
532
530