Instruction	Cycle																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L.D F0, 0(R1)	IF	IS	EX	M	WB	С														
MUL.D F4, F0, F2		IF	IS	S	E1	E2	E3	E4	E5	E6	WB	С								
S.D F4, 0(R1)			IF	IS	EX	S	S	S	S	S			C	Store has no memory stage because it writes memory during commit						
DADDIU R1, R1, #-8				IF	IS	E1	E2	WB						С						
BNE R1, R2, Loop					IF	IS	S	*							С					
L.D F0, 0(R1)						IF	IS	EX	M	WB						С				
MUL.D F4, F0, F2							IF	IS	S	E1	E2	E3	E4	E5	E6	WB	С			
S.D F4, 0(R1)								IF	IS	EX	S	S	S	S	S			С		
DADDIU R1, R1, #-8									IF	IS	E1	E2	WB						С	
BNE R1, R2, Loop										IF	IS	S	*							С

* Branch outcome can be determined once both operands are available

Example assumes following latencies:

- 2 cycles for memory operations (1 EX, 1 MEM)
- 2 cycles for addition (DADDIU)
- 6 cycles for multiply (MUL.D)