

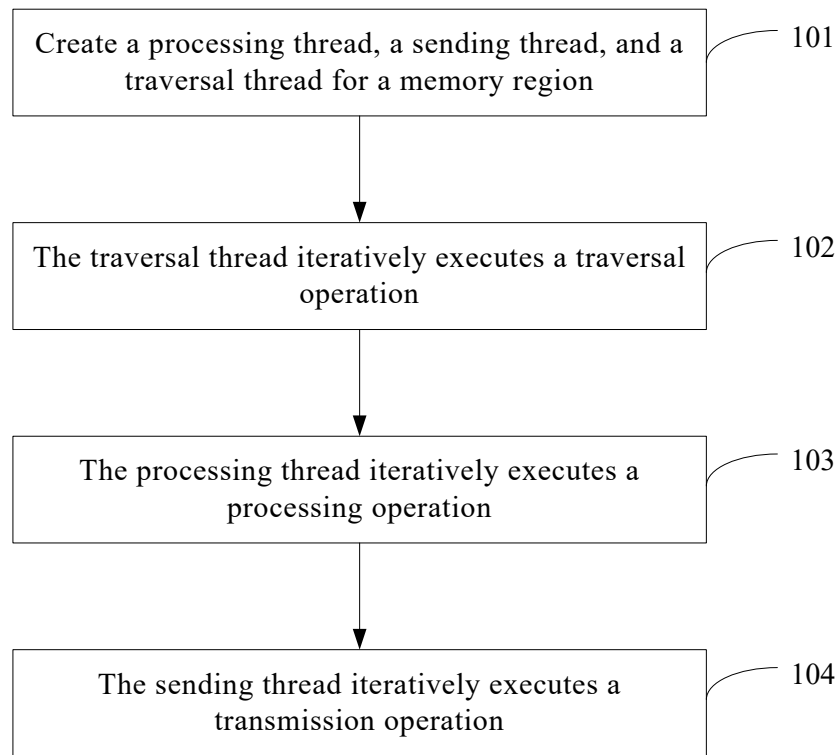


FIG. 1

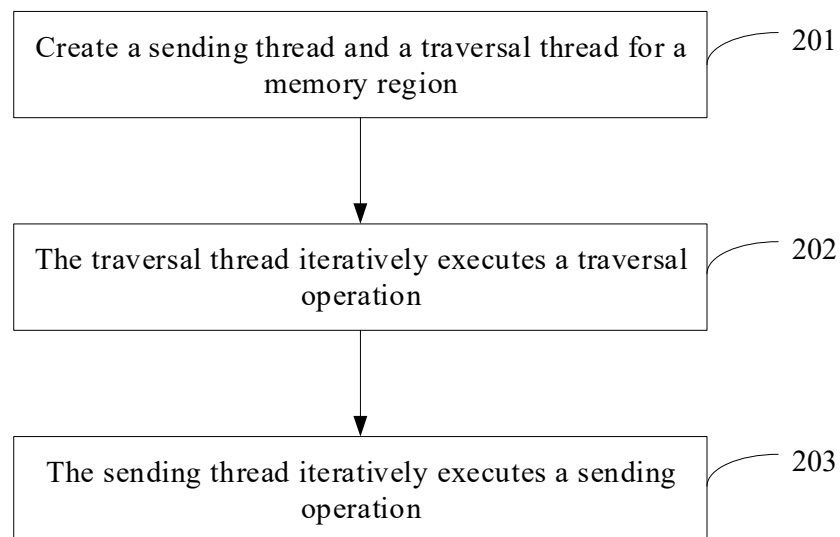


FIG. 2

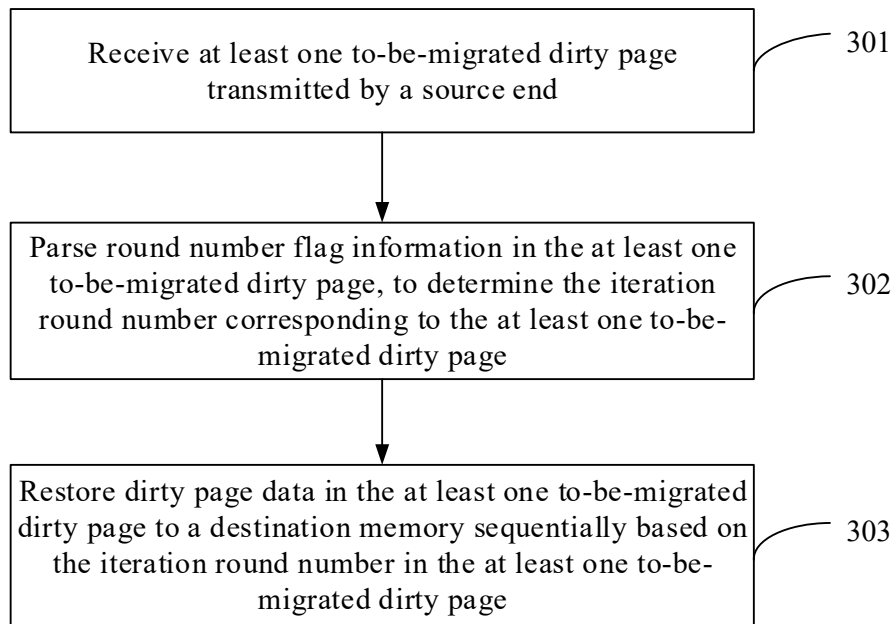


FIG. 3

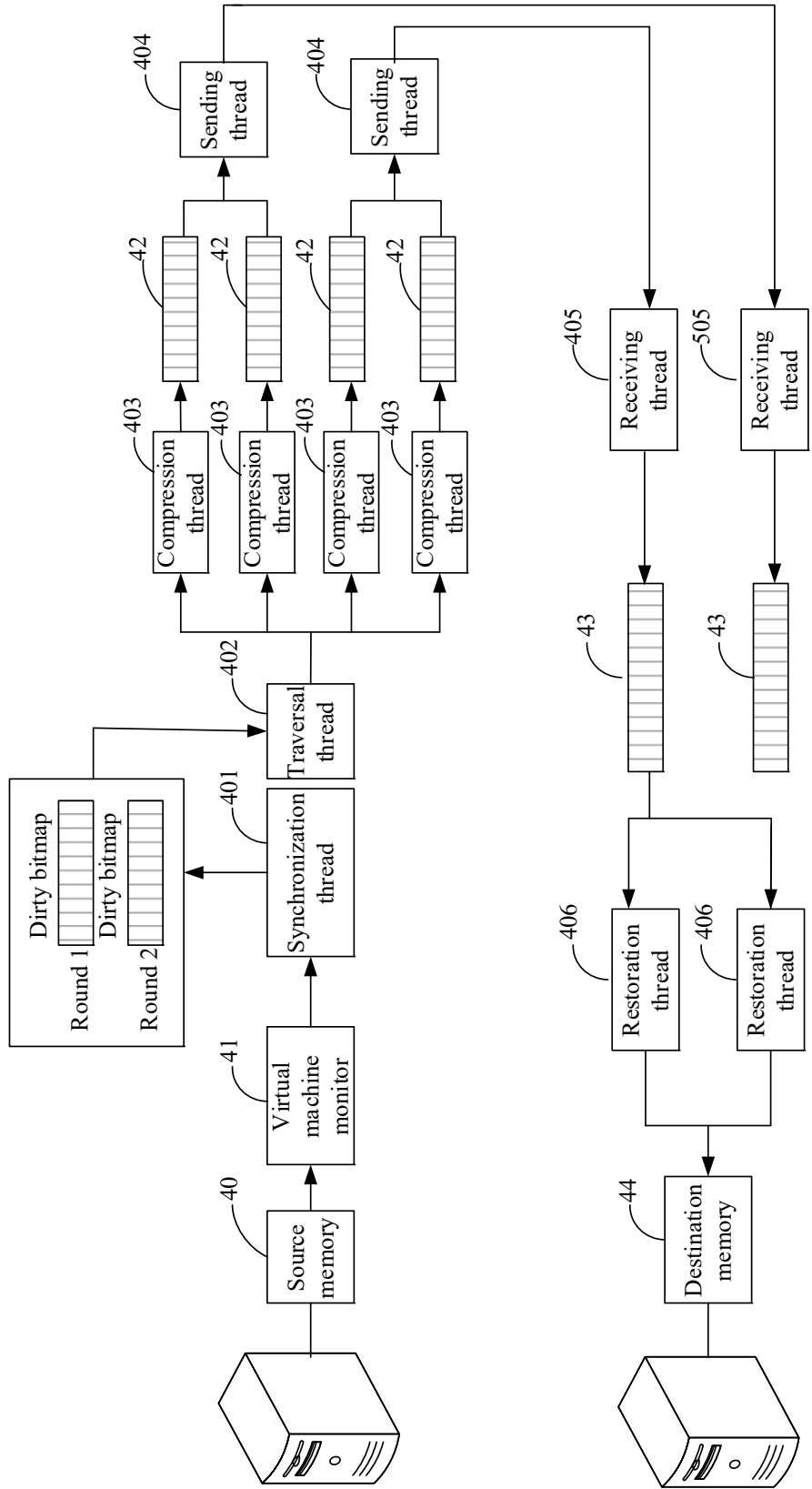


FIG. 4

t0	t1	t2	t3	t4	t5	t6	t7
Synchronization operation in round 1	Traversal operation in round 1	Compression operation in round 1	Sending operation in round 1				
	Synchronization operation in round 2	Traversal operation in round 2	Compression operation in round 2	Sending operation in round 2			
		Synchronization operation in round 3	Traversal operation in round 3	Compression operation in round 3	Sending operation in round 3		
			Synchronization operation in round 4	Traversal operation in round 4	Compression operation in round 4	Sending operation in round 4	
				Synchronization operation in round 5	Traversal operation in round 5	Compression operation in round 5	Sending operation in round 5

FIG. 5

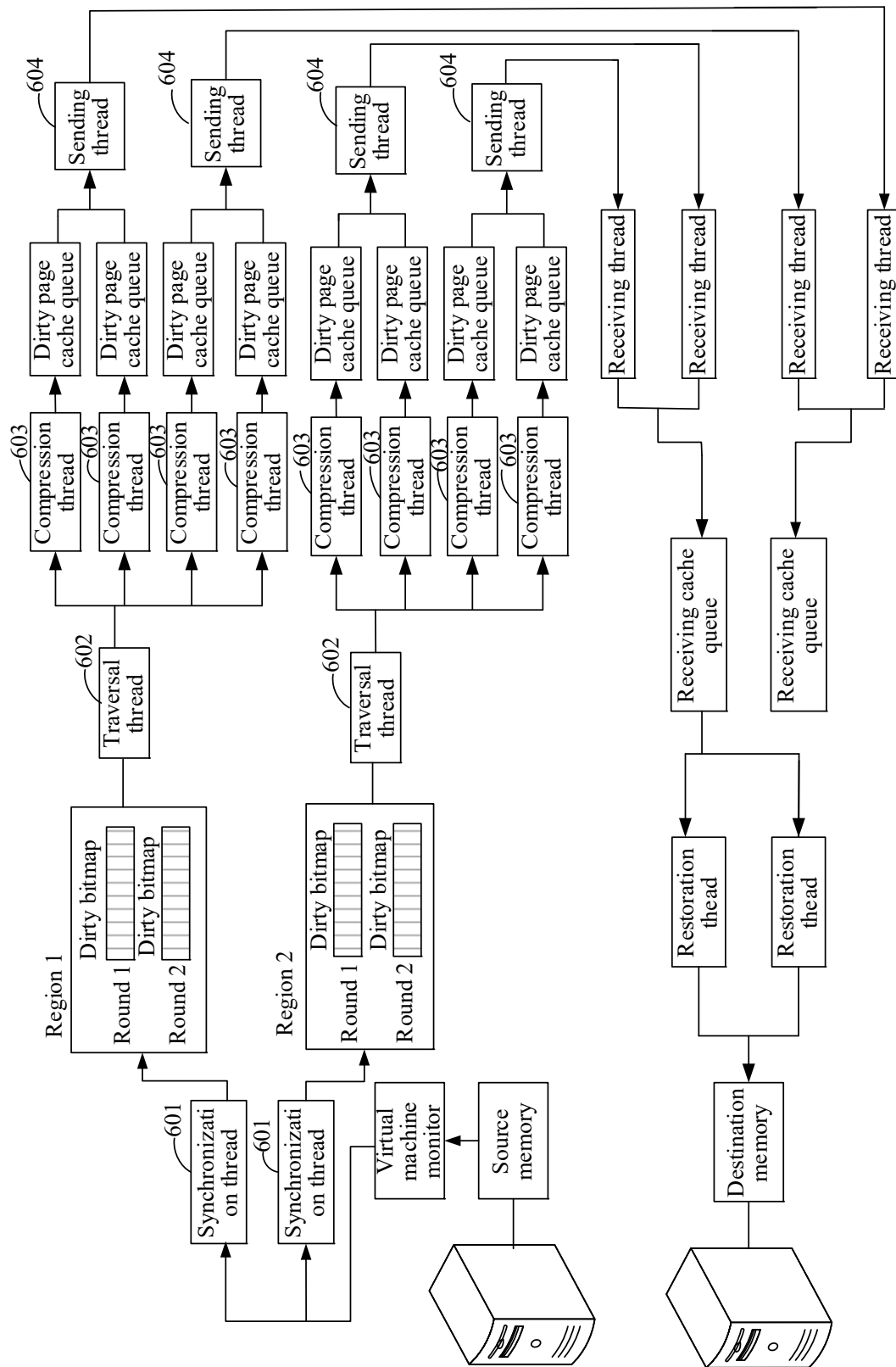


FIG. 6

	t0	t1	t2	t3	t4	t5	t6	t7
Region 1	Synchronization operation in round 1	Traversal operation in round 1	Compression operation in round 1	Sending operation in round 1				
	Synchronization operation in round 1	Traversal operation in round 1	Compression operation in round 1	Sending operation in round 1				
Region 2		Synchronization operation in round 2	Traversal operation in round 2	Compression operation in round 2	Sending operation in round 2			
		Synchronization operation in round 2	Traversal operation in round 2	Compression operation in round 2	Sending operation in round 2			
Region 1		Region 1	Synchronization operation in round 3	Traversal operation in round 3	Compression operation in round 3	Sending operation in round 3		
			Synchronization operation in round 3	Traversal operation in round 3	Compression operation in round 3	Sending operation in round 3		
Region 2		Region 2	Region 1	Synchronization operation in round 4	Traversal operation in round 4	Compression operation in round 4	Sending operation in round 4	
				Synchronization operation in round 4	Traversal operation in round 4	Compression operation in round 4	Sending operation in round 4	
Region 1		Region 1	Region 2	Region 1	Synchronization operation in round 5	Traversal operation in round 5	Compression operation in round 5	Sending operation in round 5
					Synchronization operation in round 5	Traversal operation in round 5	Compression operation in round 5	Sending operation in round 5

FIG. 7

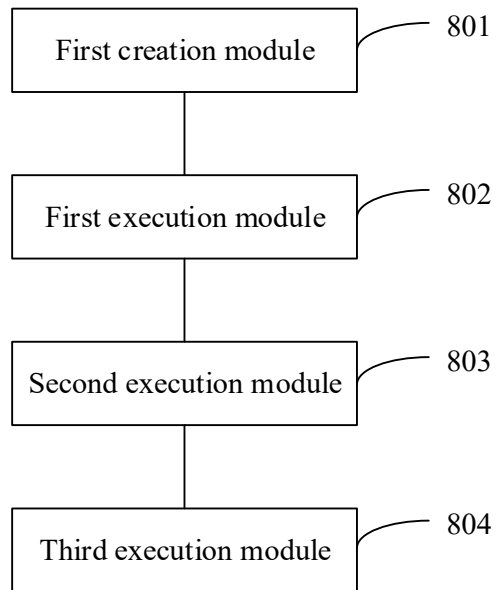


FIG. 8

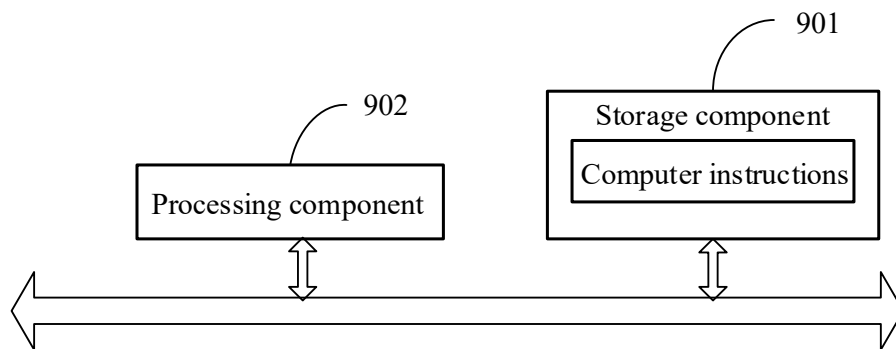


FIG. 9

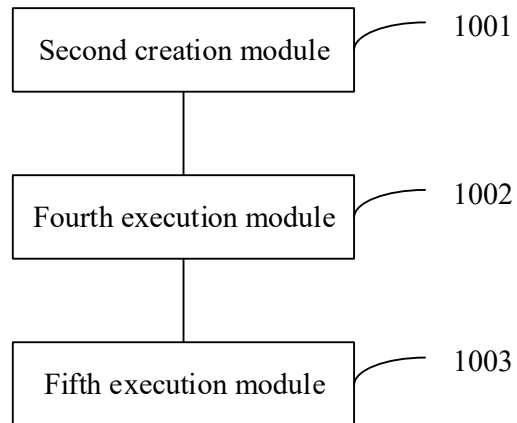


FIG. 10

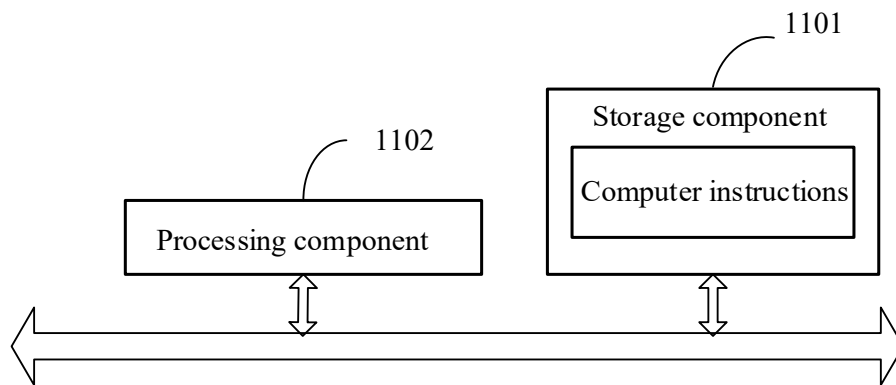


FIG. 11

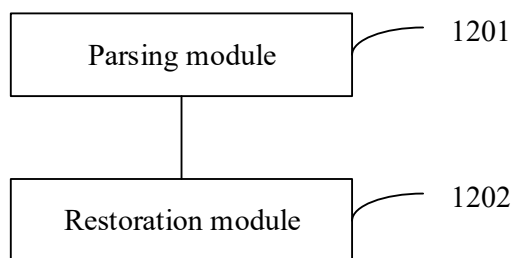


FIG. 12

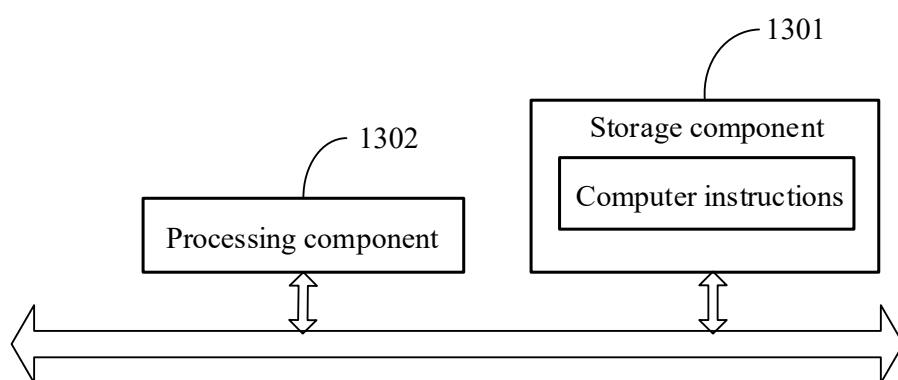


FIG. 13