

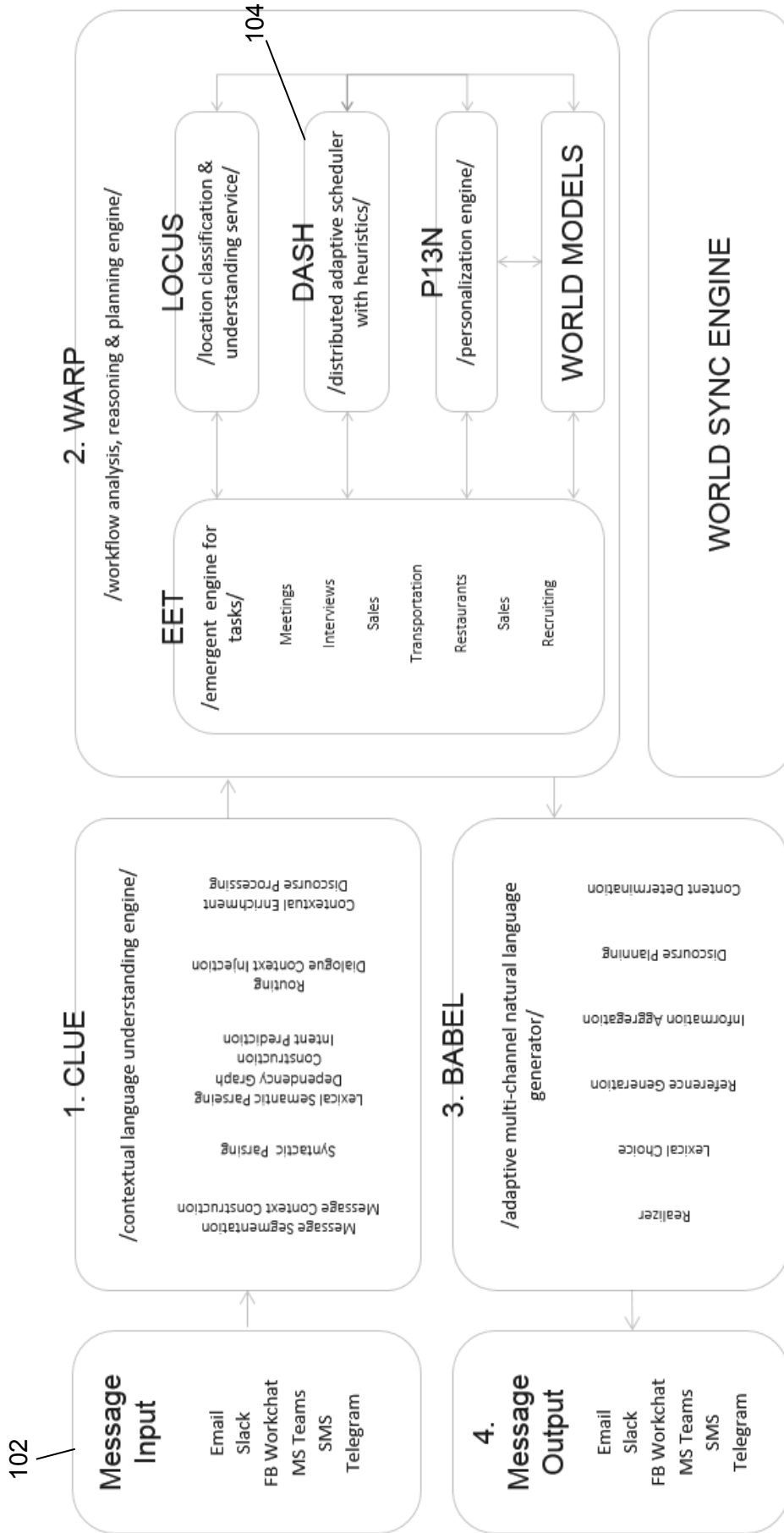
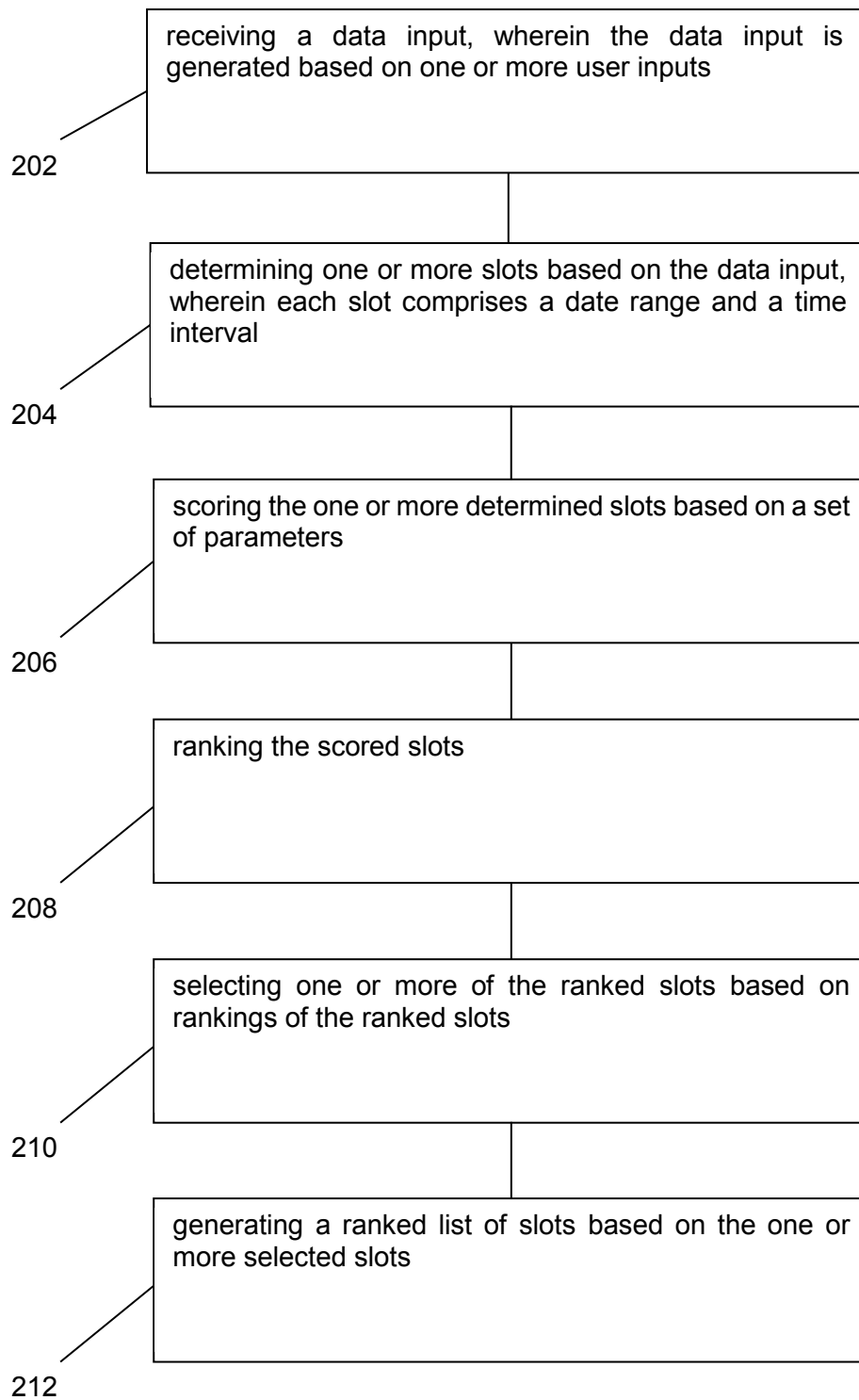


Figure 1

102

100



200

Figure 2

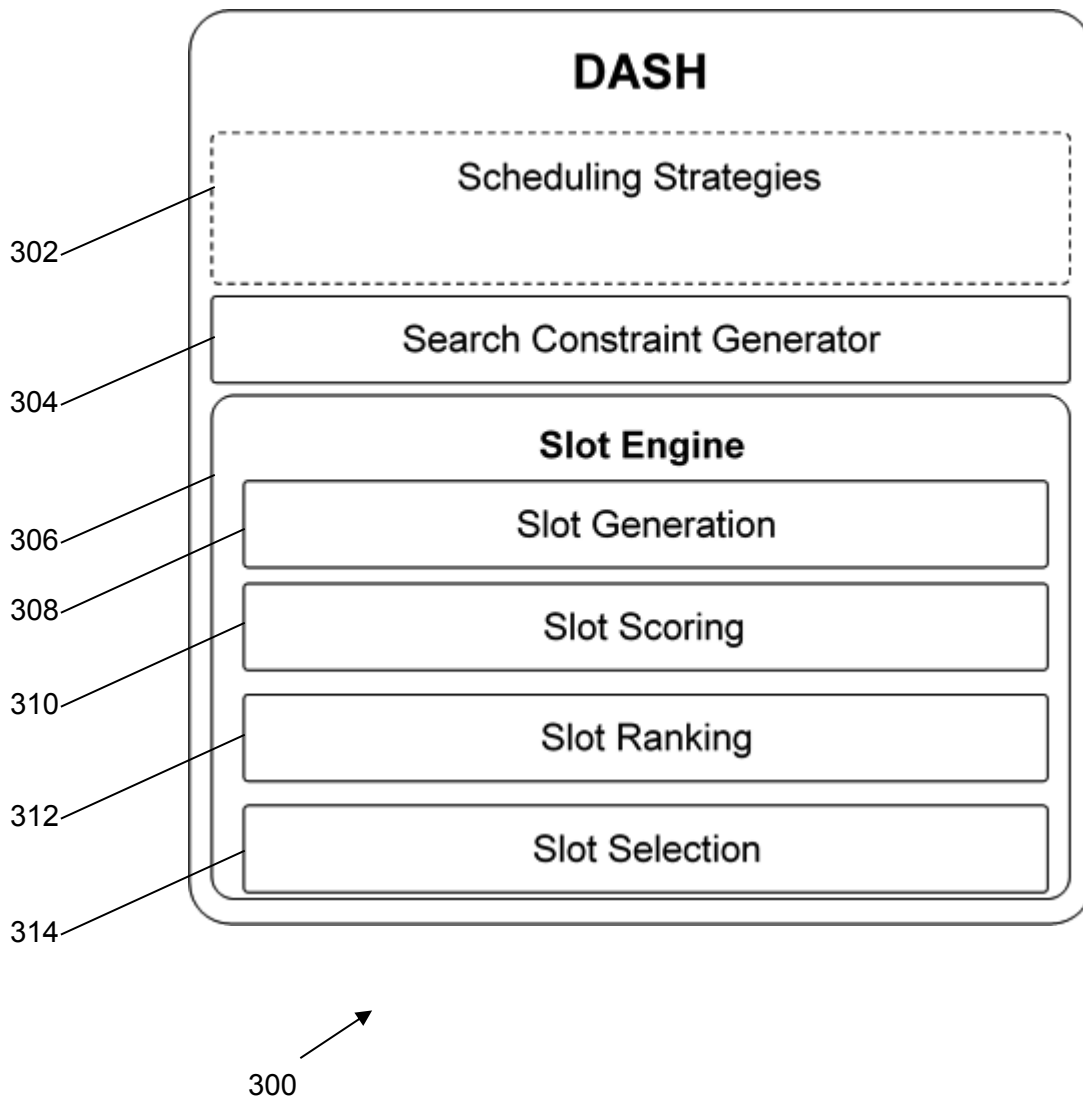
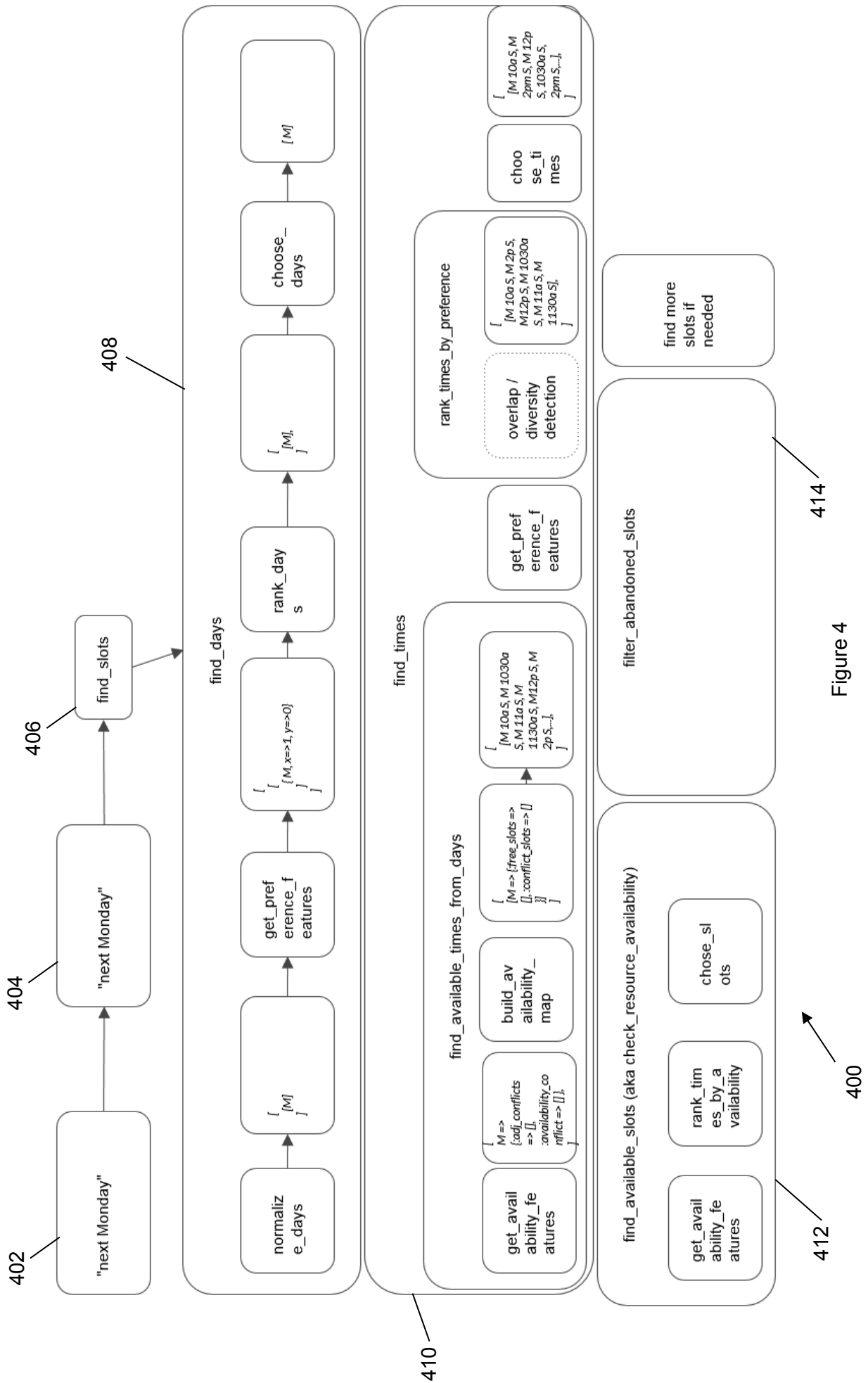


Figure 3



Overview	
1	Fetch proposed availabilities for each person
2	Generate time fragments with common availabilities
3	Find Common Destinations (the shared location for the task)?
4	Find Physical Location Groups

Figure 5

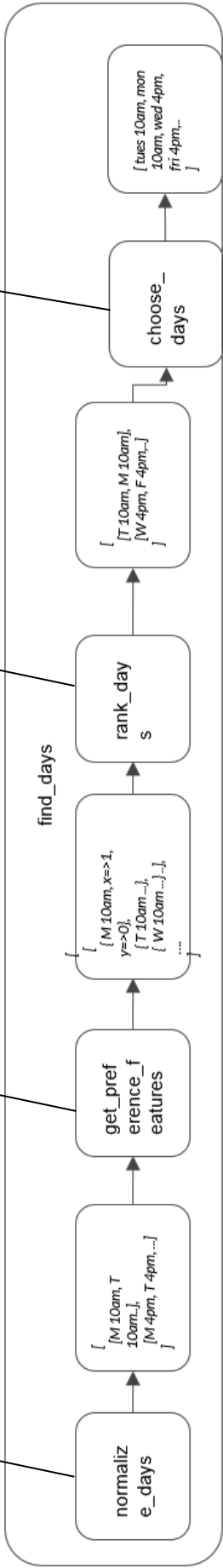


Figure 6

500

600

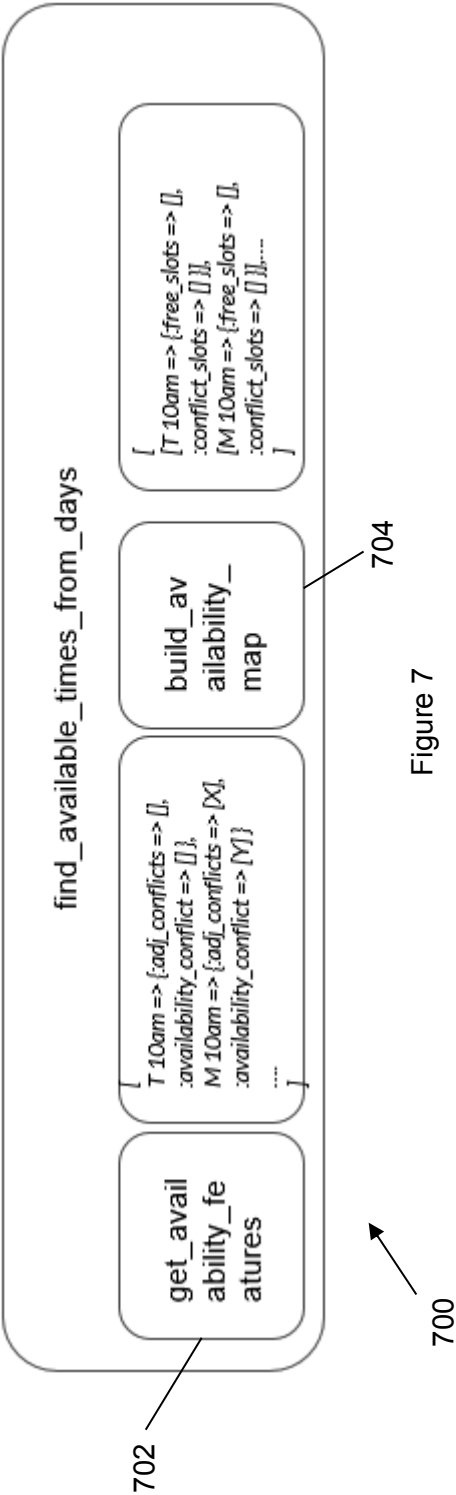


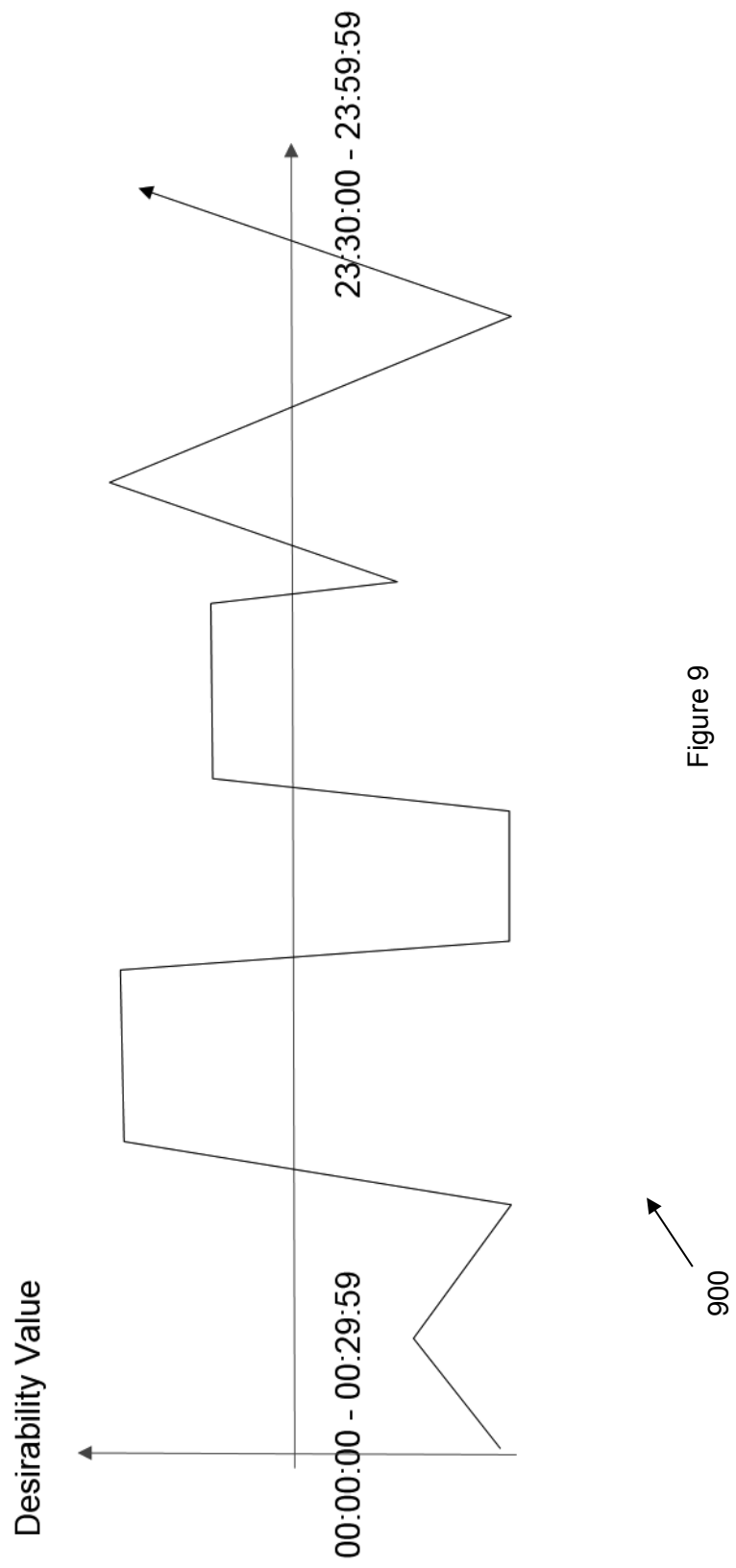
Figure 7

Timemaps	
event_type	scores_per_day_per_time
call	{1=>{9.0..12.0=>1, 14.0..18.0=>1}, 3=>{9.0..12.0=>1, 14.0..18.0=>1}....}
call	{2=>{9.0..12.0=>1, 14.0..18.0=>1}, 4=>{9.0..12.0=>1, 14.0..18.0=>1}....}
meeting	{1=>{9.0..12.0=>1, 14.0..18.0=>1}, 3=>{9.0..12.0=>1, 14.0..18.0=>1}....}
meeting	{1=>{9.0..12.0=>1, 14.0..18.0=>1}, 3=>{9.0..12.0=>1, 14.0..18.0=>1}....}
meeting	{1=>{9.0..12.0=>1, 14.0..18.0=>1}, 3=>{9.0..12.0=>1, 14.0..18.0=>1}....}

Figure 8

800

Detailed description: An arrow points from the text '800' to the table in Figure 8.



Factors	biz_days_between(Min day start of all constraints, Max day end of all constraints)	resolved_action	what_subtype	meeting_type (internal/external)	notice period hours	Remarks
today	1	general scheduling	physical_meeting	internal	2 hour	
	1	general scheduling	physical_meeting	external	3 hour	
	1	general scheduling	virtual_meeting	internal	1 hour	
	1	general scheduling	virtual_meeting	external	2 hour	should be less than row 3
	2	interview	physical_meeting	internal		
	2	interview	virtual_meeting	internal	6 days	
today and tomorrow/ or tue and wed(resolved as today and tomorrow)	2	general scheduling	physical_meeting	internal	2 hour * 2	
	2	general scheduling	physical_meeting	external	3 hour * 2	
	2	general scheduling	virtual_meeting	internal	1 hour * 2	
	2	general scheduling	virtual_meeting	external	2 hour * 2	should be less than row 3
next mon (+7 from now)	1	interview	Any	Any	6 days	
this week or next week	1	general scheduling	physical_meeting	internal	2 days	Mon 9am
	14	general scheduling	physical_meeting	external	(3 hour * 14 = 42) cap at 16	

Figure 10

1000

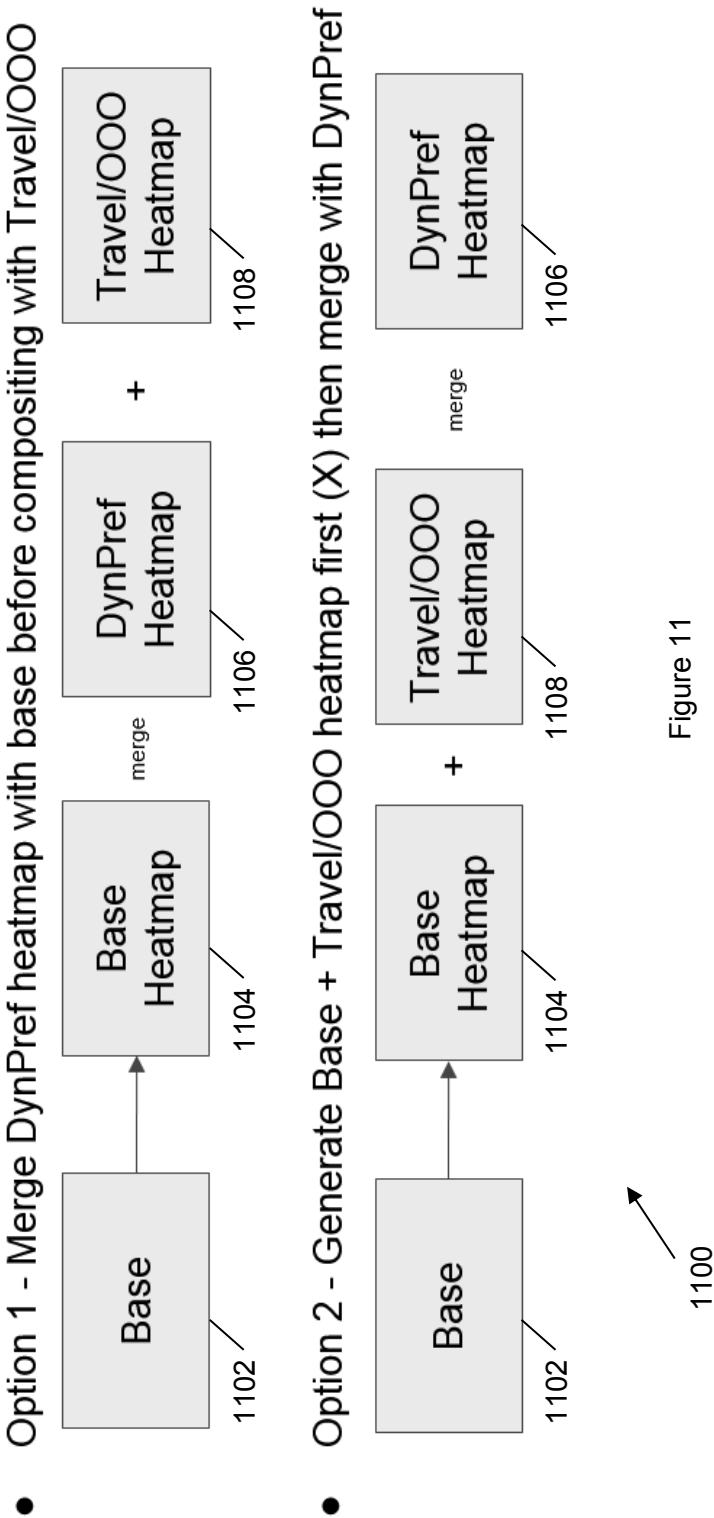
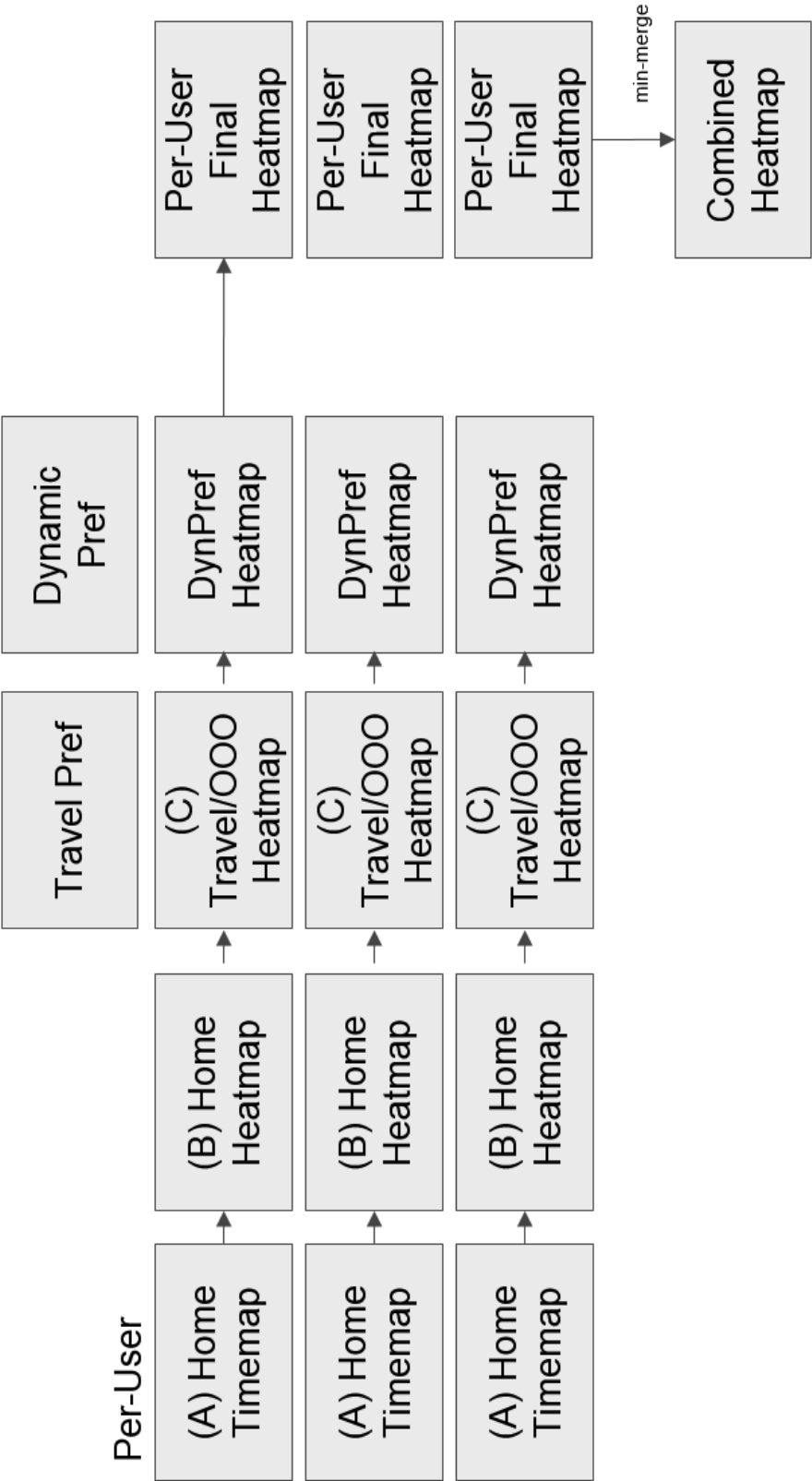


Figure 11



1200

Figure 12

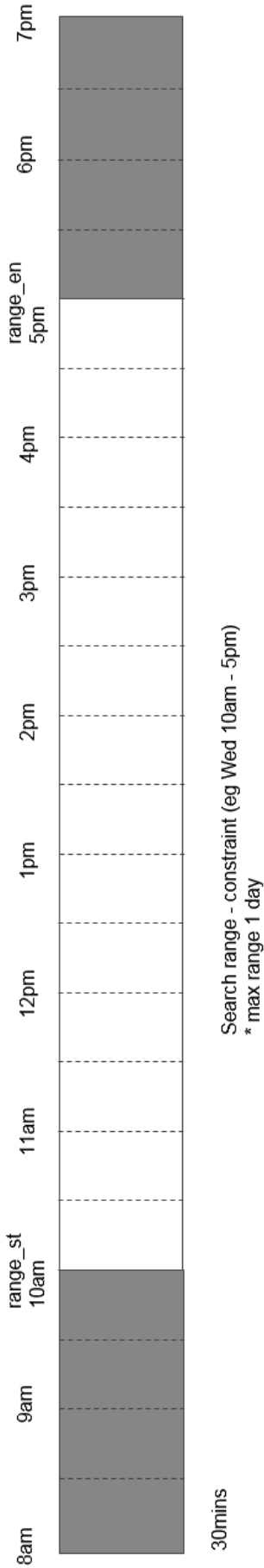


Figure 13

1300

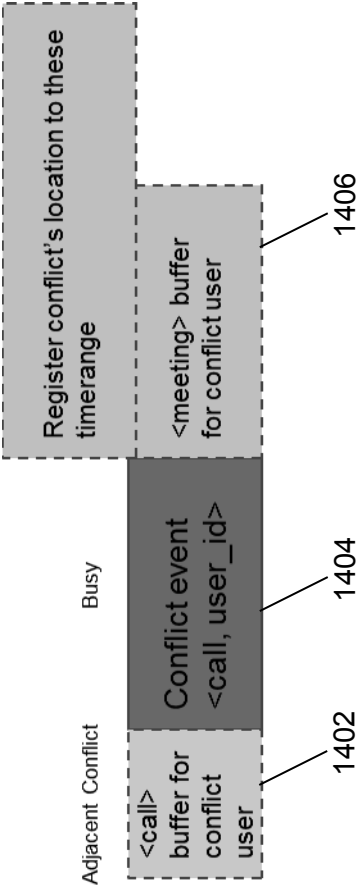


Figure 14

1400

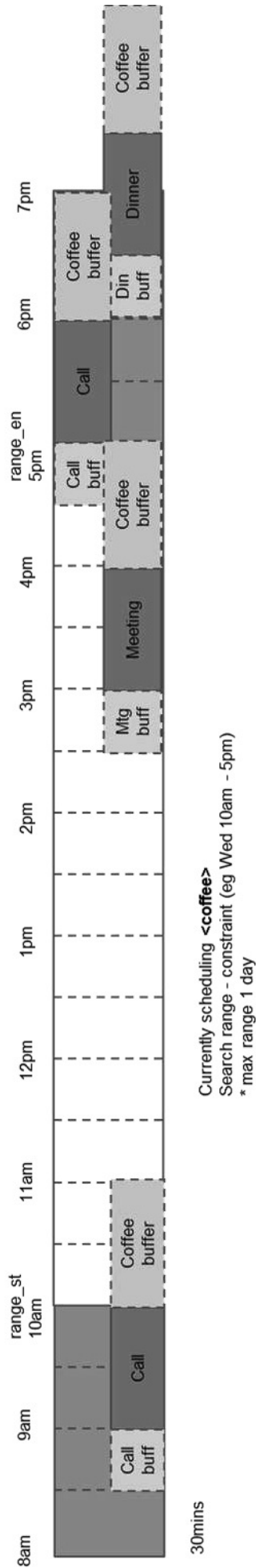


Figure 15

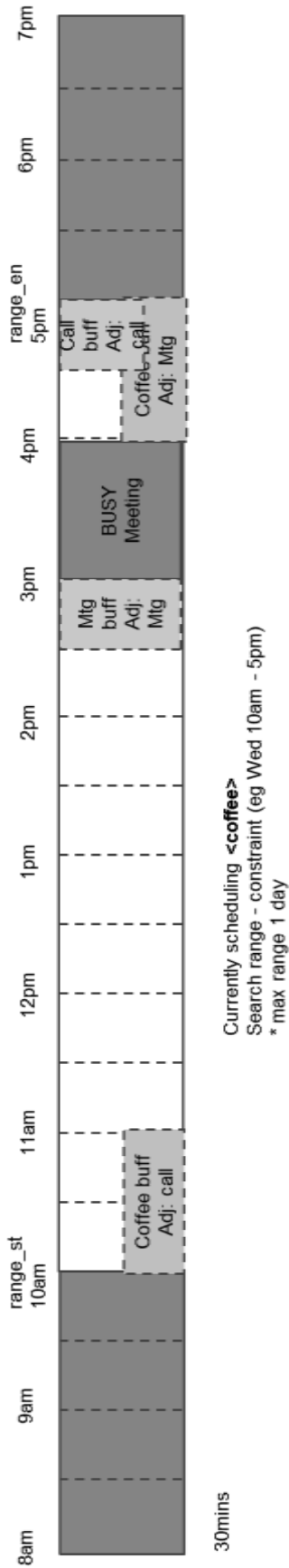


Figure 16

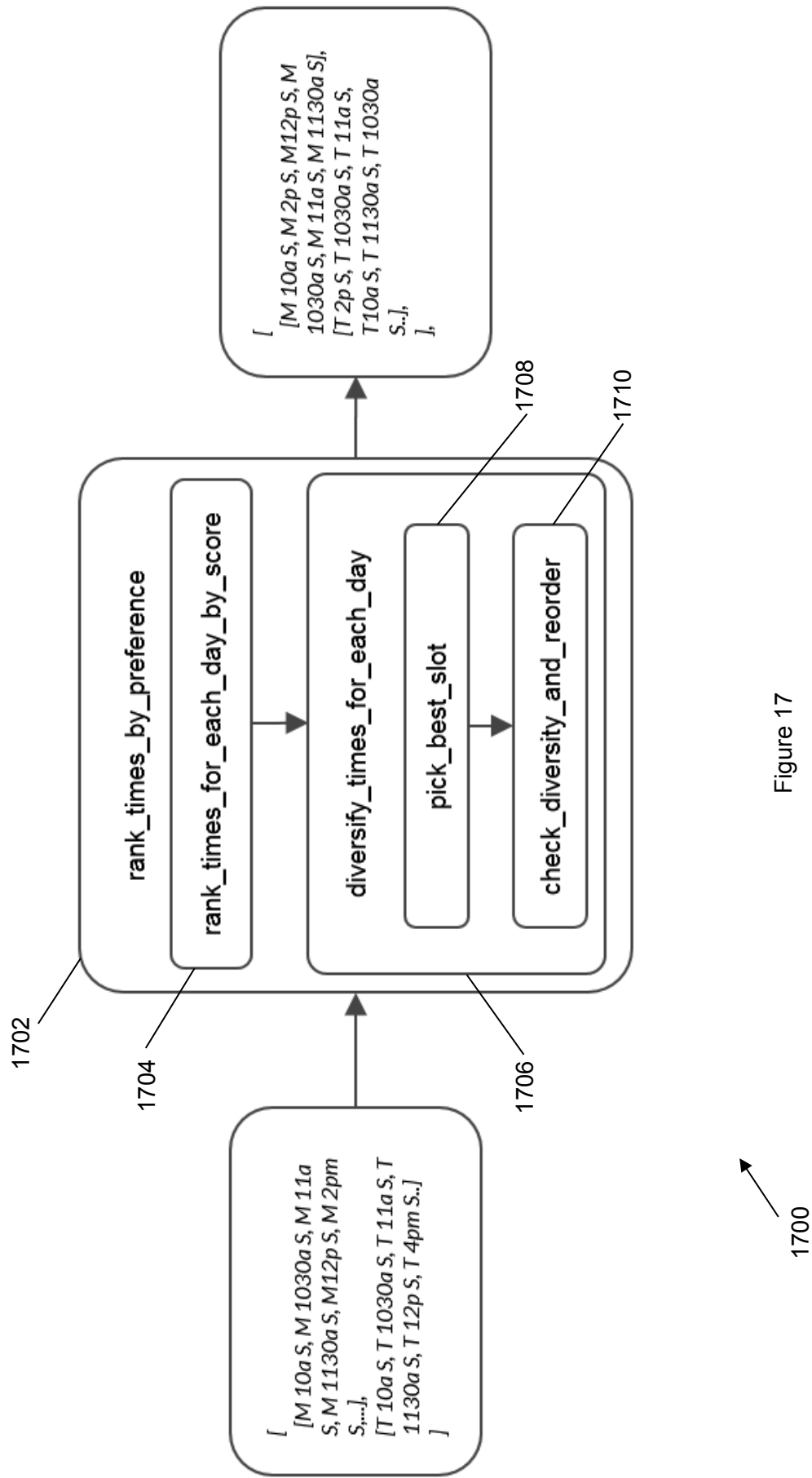


Figure 17

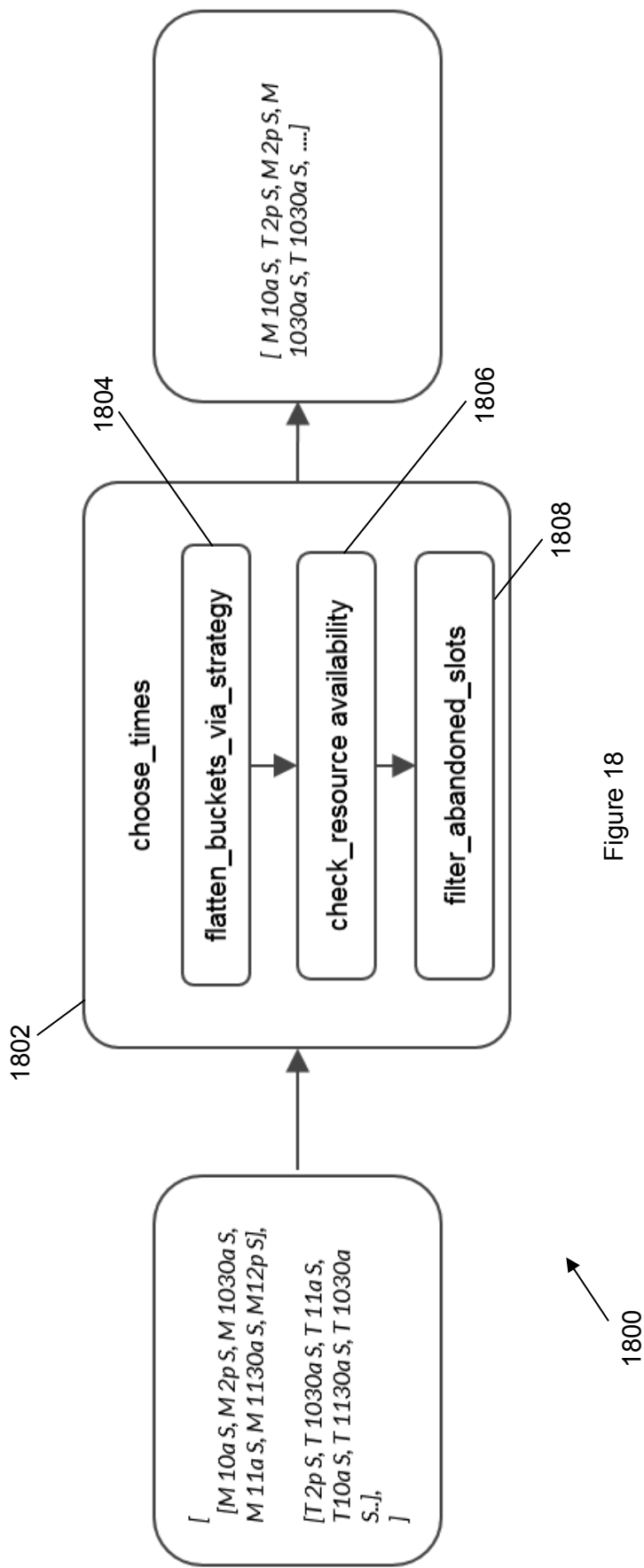


Figure 18

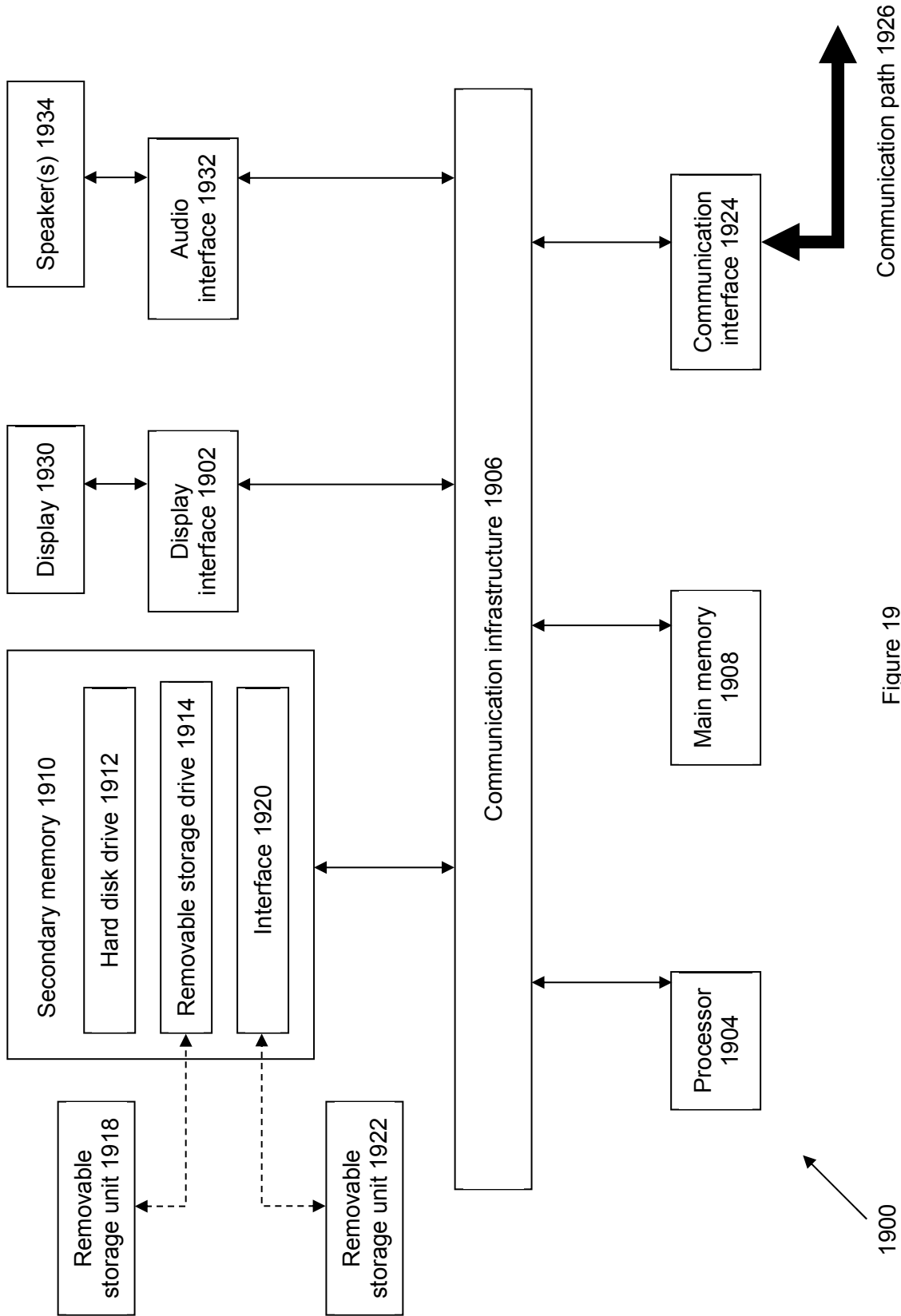


Figure 19