

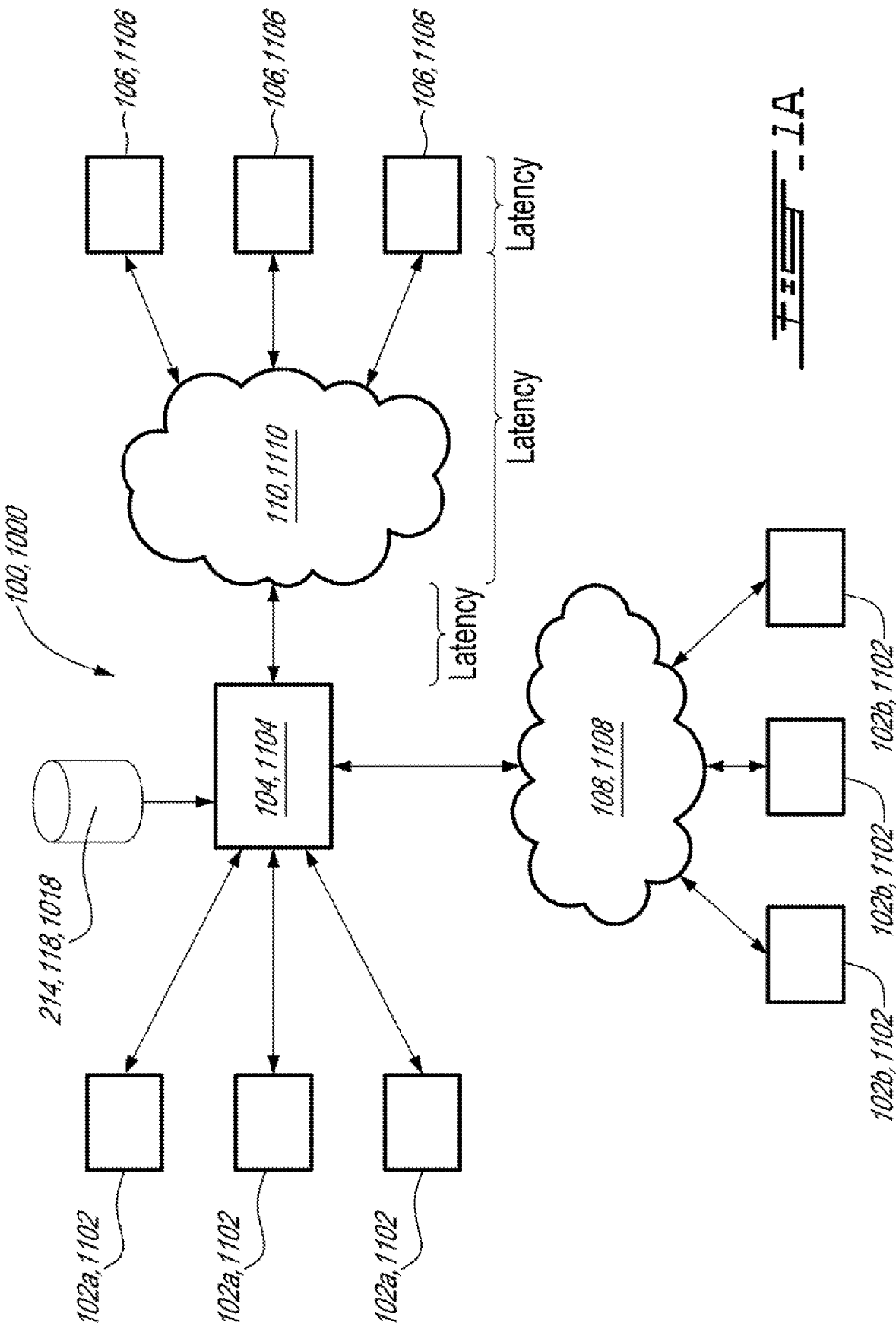
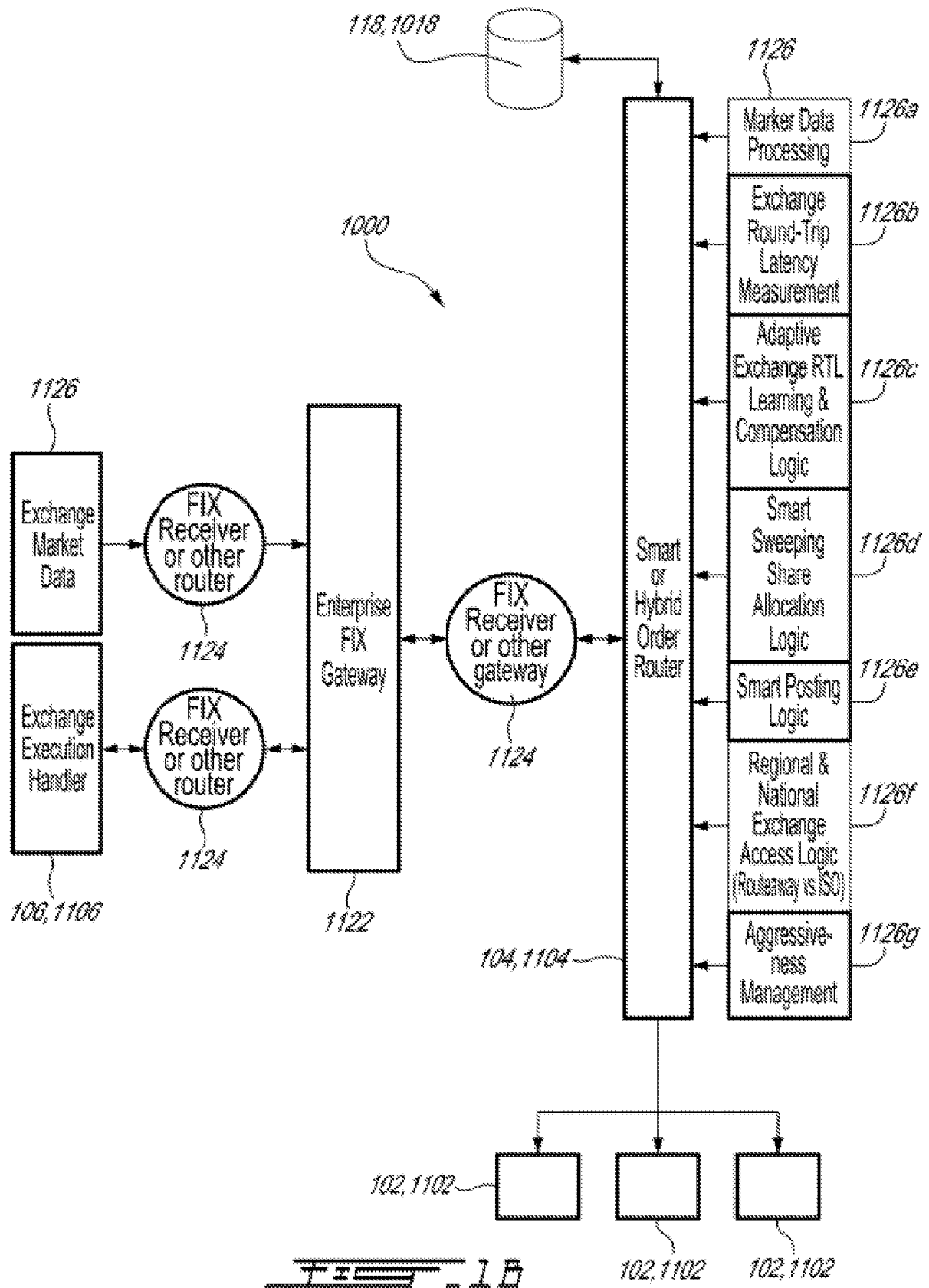


FIG. 1A



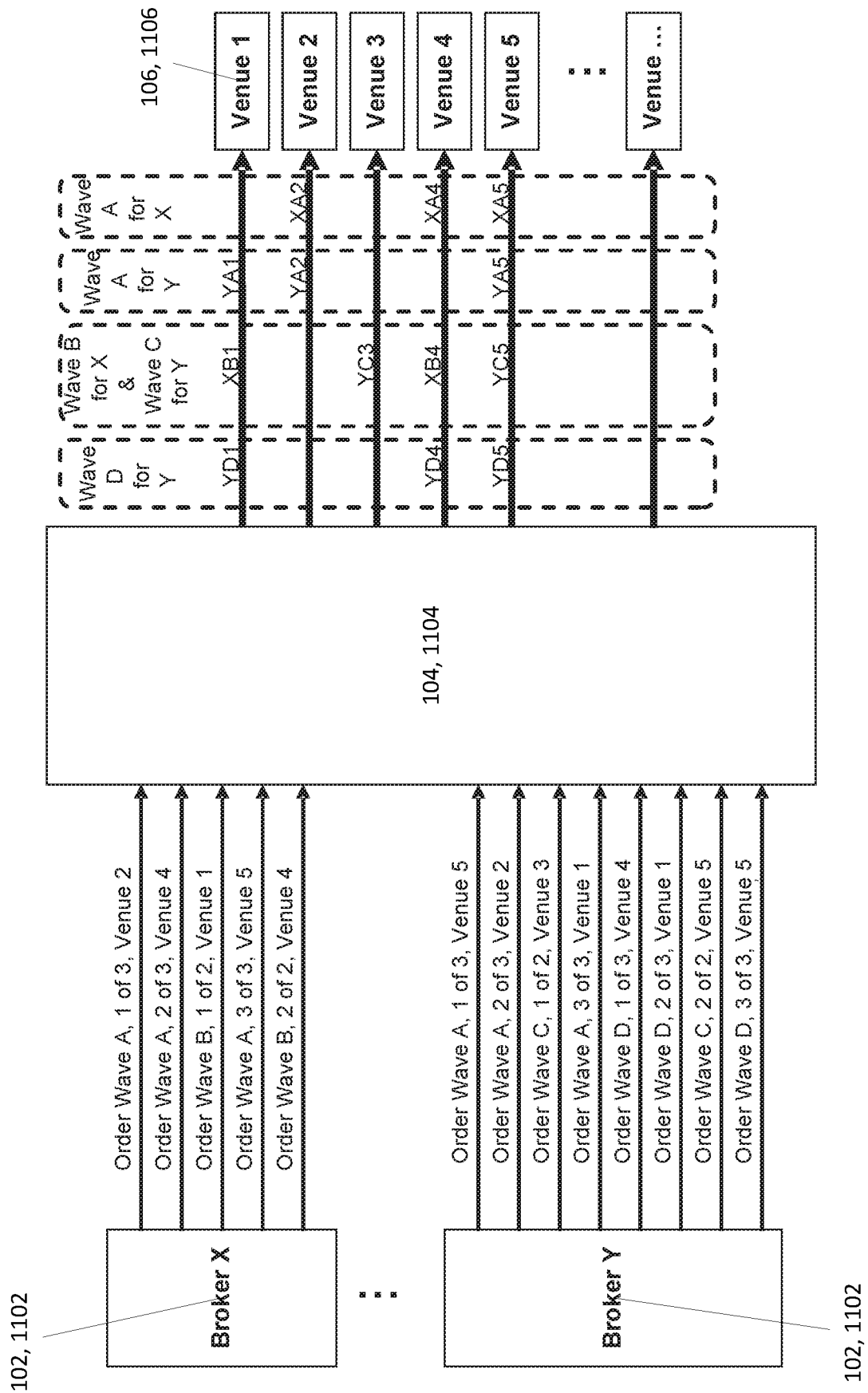
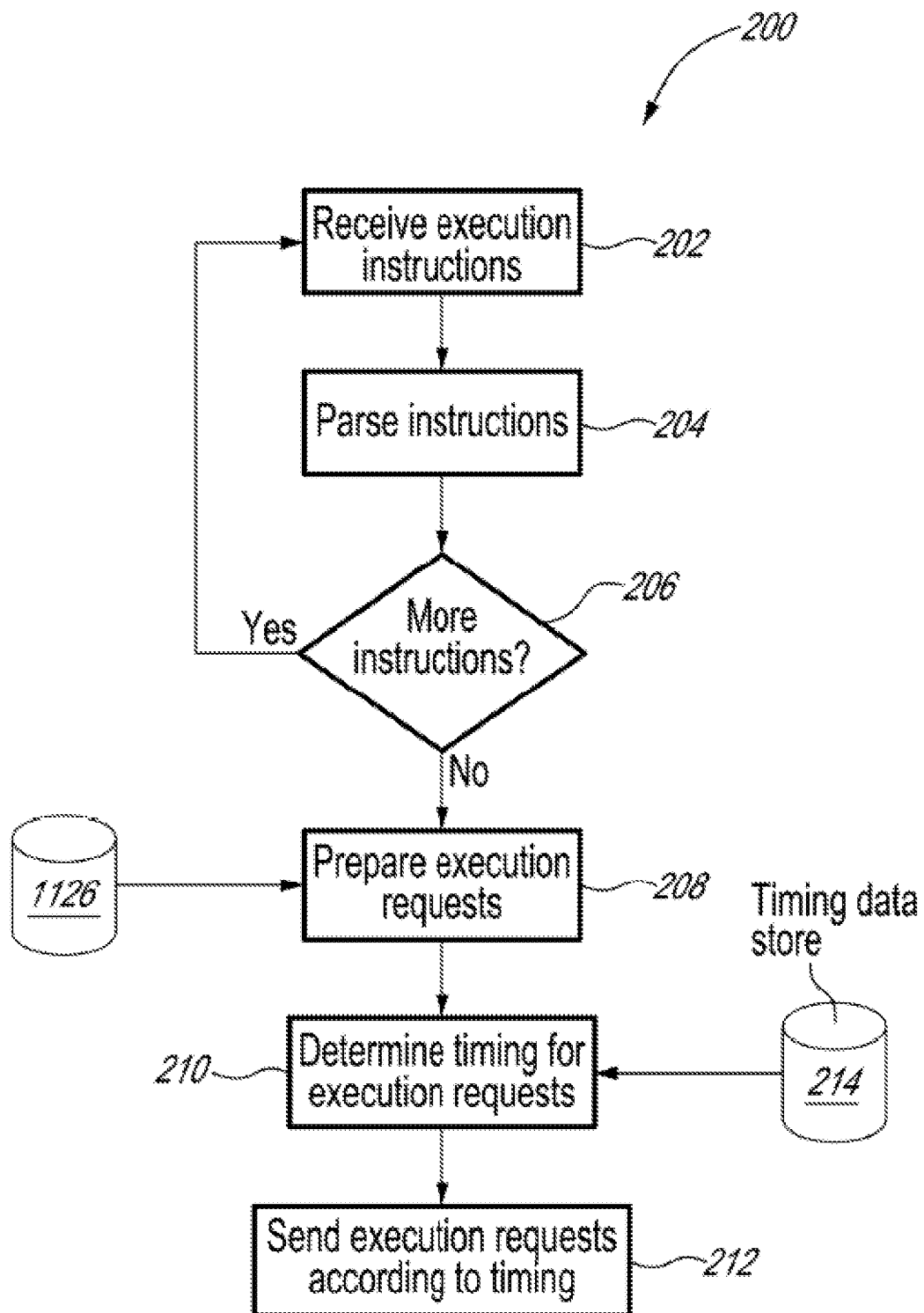


FIG 1C



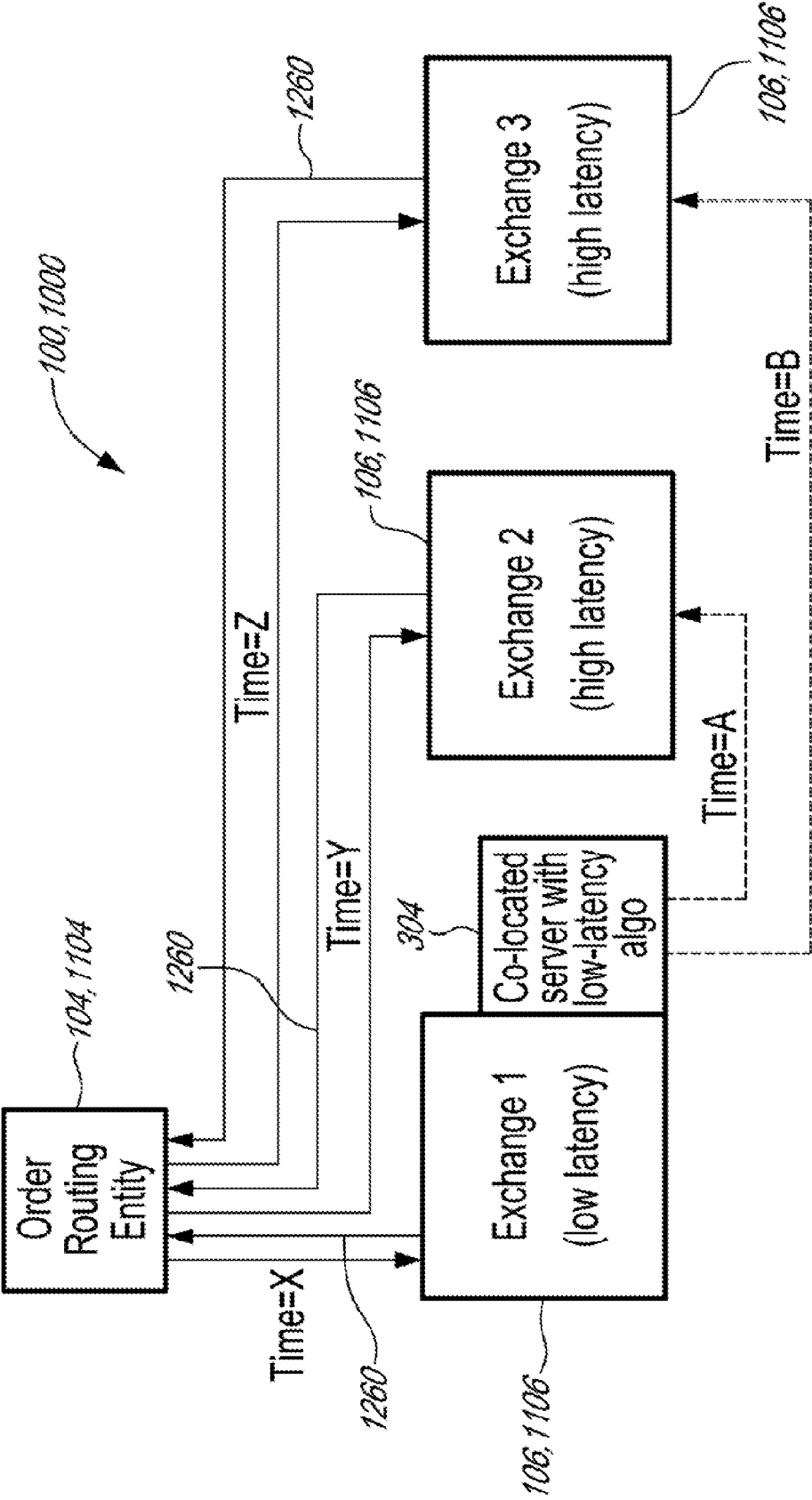
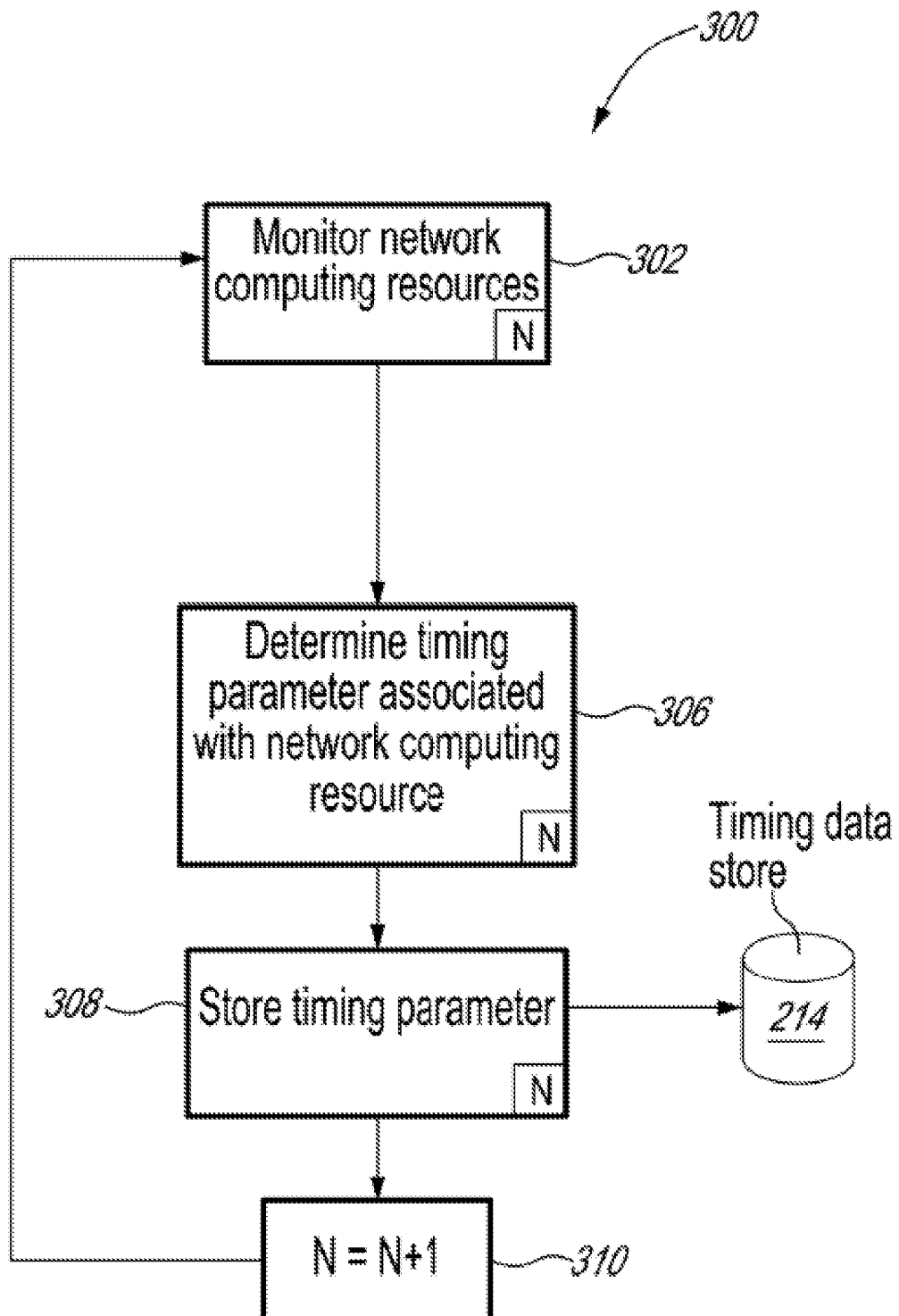


FIG. 3



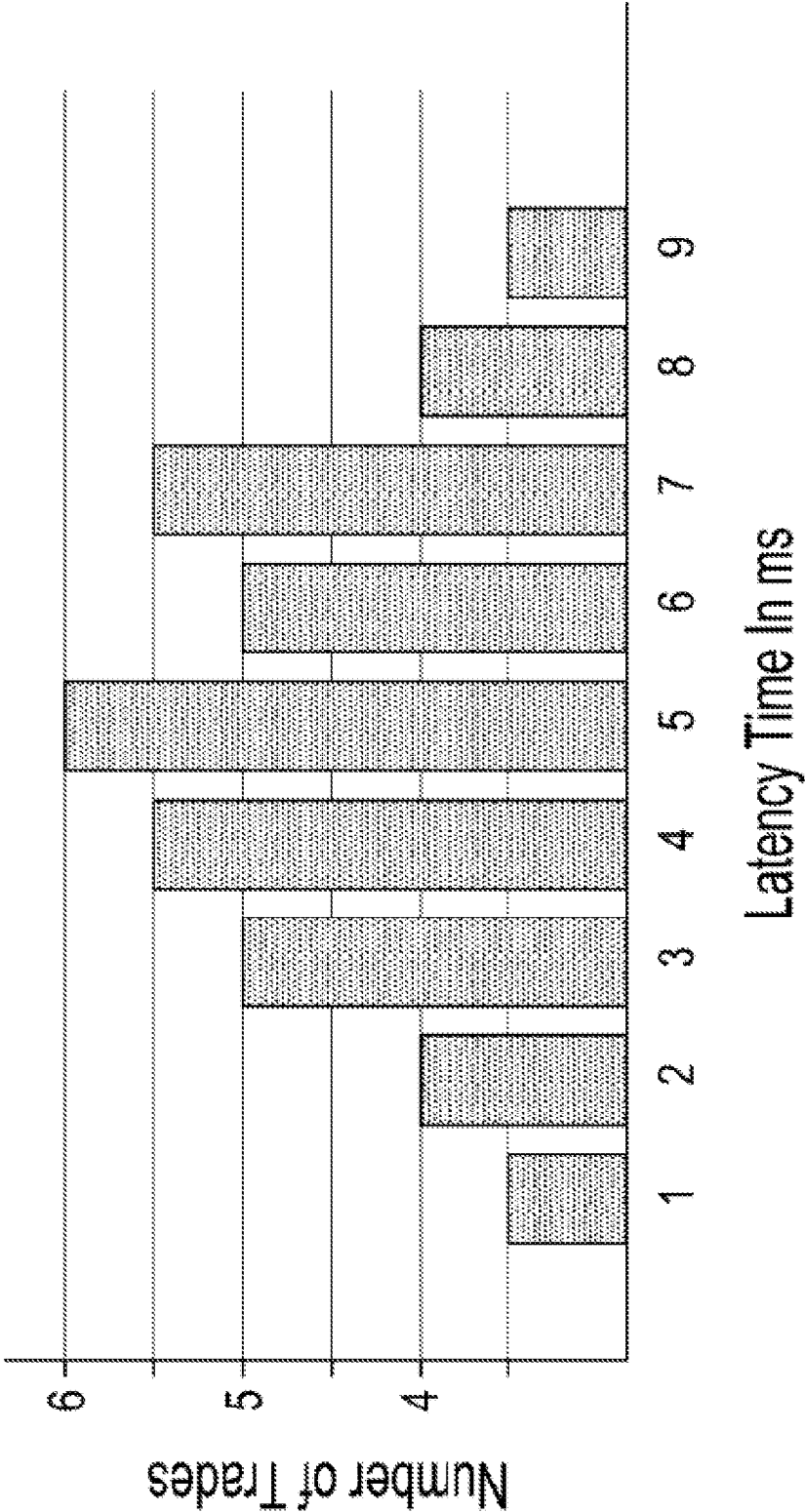


FIG. 5

630 94% Fill rate 106,1106

LEVEL 1 - 94% Fill Rate				SCR@.01 Trade-ex	
Sold	549,200	\$ 4.21	EDGA	\$ 5,492	\$ 110
Sold	339,100	\$ 4.21	NQBX	\$ 3,391	\$ 34
Sold	32,700	\$ 4.21	CBOE	\$ 327	\$ (33)
Sold	1,105,600	\$ 4.21	NYSE	\$ 11,056	\$ (1,990)
Sold	537,800	\$ 4.21	BATS	\$ 5,378	\$ (1,345)
Sold	959,100	\$ 4.21	ARCA	\$ 9,591	\$ (2,590)
Sold	554,900	\$ 4.21	EDGX	\$ 5,549	\$ (1,554)
Sold	645,100	\$ 4.21	NSDQ	\$ 6,451	\$ (1,935)
LEVEL 2 - Completed					
Sold	276,500	\$ 4.20	ARCA	\$ 2,765	\$ (747)
TOTAL	5,000,000	4.2094		\$ 50,000	\$ (10,049)

636 ~~FA~~ 632

630 47% Fill rate ** 106,1106

LEVEL 1 - 47% Fill Rate				SCR@.01 Trade-ex	
Sold	549,200	\$ 4.21	EDGA	\$ 5,492	\$ 110
Sold	339,100	\$ 4.21	NQBX	\$ 3,391	\$ 34
Sold	32,700	\$ 4.21	CBOE	\$ 327	\$ (33)
Sold	1,105,600	\$ 4.21	NYSE	\$ 11,056	\$ (1,990)
Sold	348,000	\$ 4.21	BATS	\$ 3,480	\$ (870)
LEVEL 2 - 43% Fill Rate					
Sold	217,200	\$ 4.20	EDGA	\$ 2,172	\$ 43
Sold	163,900	\$ 4.20	NQBX	\$ 1,639	\$ 16
Sold	653,000	\$ 4.20	CBOE	\$ 6,530	\$ (653)
Sold	120,100	\$ 4.20	NYSE	\$ 1,201	\$ (216)
Sold	453,100	\$ 4.20	BATS	\$ 4,531	\$ (1,133)
Sold	560,000	\$ 4.20	ARCA	\$ 5,600	\$ (1,512)
LEVEL 3 - Completed					
Sold	134,600	\$ 4.19	EDGA	\$ 1,346	\$ 27
Sold	51,700	\$ 4.19	NQBX	\$ 517	\$ 5
Sold	271,800	\$ 4.19	BATS	\$ 2,718	\$ (272)
TOTAL	5,000,000	4.2038		\$ 50,000	\$ (6,443)

638 ~~FA~~ (PRIOR ART)

Fills using conventional methods and systems			Consolidated Tape		
624'	Sold	2,374,600	\$ 4.21	2,374,600	\$ 4.21
	Sold	2,167,300	\$ 4.20	4,659,695	\$ 4.20
	Sold	458,100	\$ 4.19	984,915	\$ 4.19
	Totals	5,000,000	\$ 4.2038	8,019,210	\$ 4.2017
Outperformance vs. Avg. Price Benchmark					0.0021
Fills using example of disclosed method and system			Consolidated Tape		
624	Sold	4,700,000	\$ 4.21	5,000,000	\$ 4.21
	Sold	300,000	\$ 4.20	3,019,210	\$ 4.20
	Totals	5,000,000	\$ 4.2094	8,019,210	\$ 4.2062
Outperformance vs. Avg. Price Benchmark					0.0032

FIG. 7

800

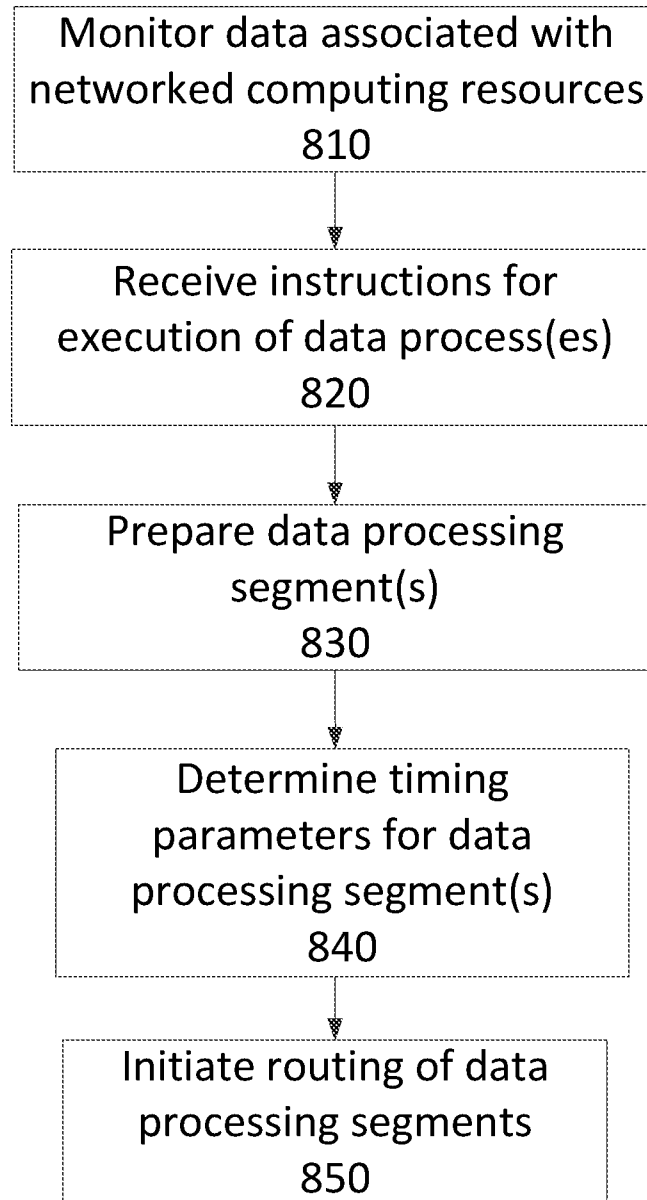


FIG. 8

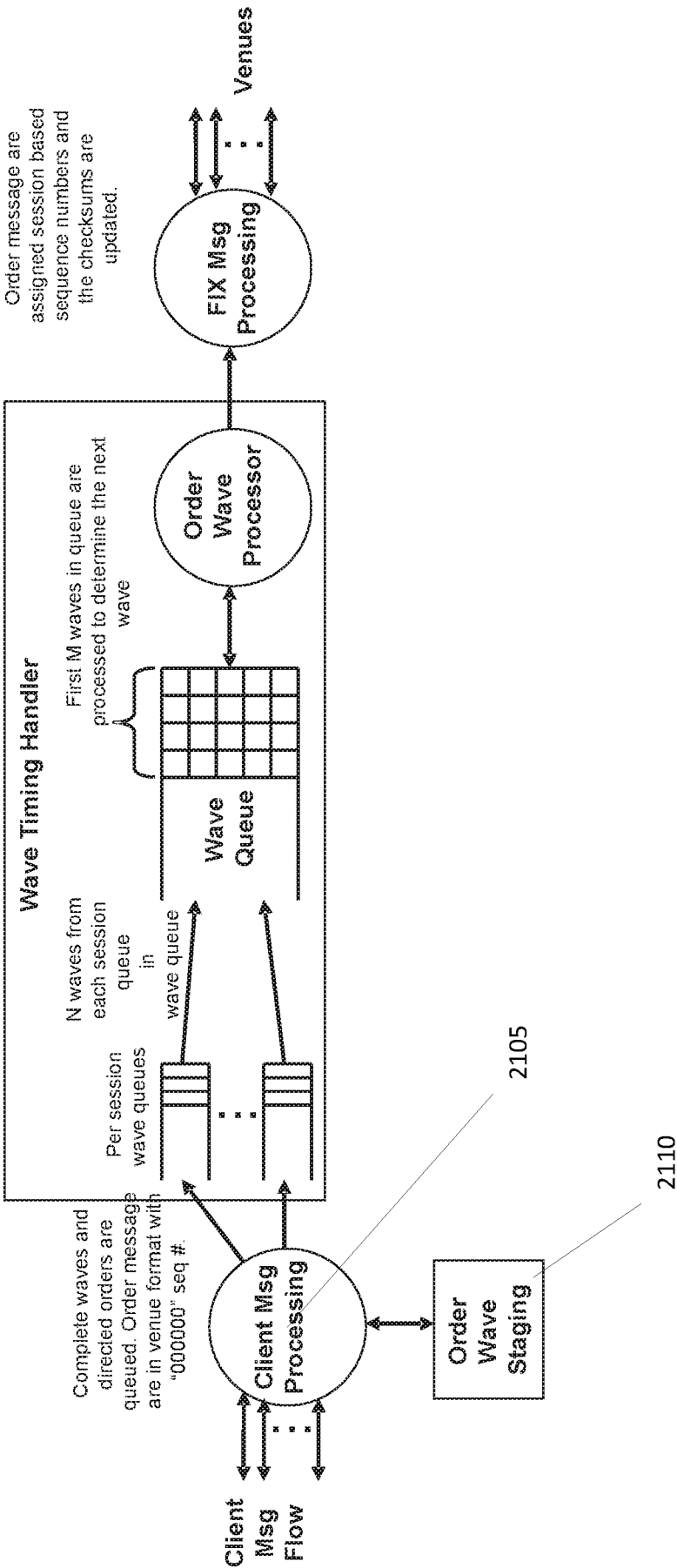


FIG. 9

	Latency in microseconds	Msg Rate per second	Msg Interval in microseconds
Venue 1	0	2000	500
Venue 2	200	2000	500
Venue 3	400	5000	200
Venue 4	600	1000	1000
Venue 5	900	1250	800

FIG. 10

	Wave A – Symbol X	Wave B – Symbol X	Wave C – Symbol Y	Wave D – Symbol Z
Venue 1	0	-	-	-
Venue 2	+200	0	-	-
Venue 3	+400	-	-	0
Venue 4	+600	+400	0	-
Venue 5	-	+700	+300	+500

FIG. 11A

	Venue Msg Interval	Wave A – Symbol X	Wave B – Symbol X	Wave C – Symbol Y	Wave D – Symbol Z
Venue 1	500	0 (0, 0)	-	-	-
Venue 2	500	200 (200, 0)	610 (700, 0)	-	-
Venue 3	200	400 (400, 0)	-	-	1630 (1630, 0)
Venue 4	1000	600 (600, 0)	1010 (1600, +500)	1320 (2600, 0)	-
Venue 5	800	-	1310 (1310, - 90)	1620 (2110, - 790)	2130 (2910, +780)

FIG. 11B

	Venue Msg Interval	Wave A – Symbol X	Wave B – Symbol X	Wave C – Symbol Y	Wave D – Symbol Z
Venue 1	500	0 (0, 0)	-	-	-
Venue 2	500	200 (200, 0)	610 (700, 0)	-	-
Venue 3	200	400 (400, 0)	-	-	410 (600, 0)
Venue 4	1000	600 (600, 0)	1010 (2600, +1300)	610 (1600, 0)	-
Venue 5	800	-	1310 (2510, +1110)	910 (910, -390)	920 (1710, +510)

FIG. 11C

	Venue Msg Interval	Wave A – Symbol X	Wave B – Symbol X	Wave C – Symbol Y	Wave D – Symbol Z
Venue 1	500	0 (0, 0)	-	-	-
Venue 2	500	200 (200, 0)	1200 (1200, 0)	-	-
Venue 3	200	400 (400, 0)	-	-	3200 (3200, 0)
Venue 4	1000	600 (600, 0)	1600 (1600, 0)	2600 (2600, 0)	-
Venue 5	800	-	1900 (1900, 0)	2900 (2900, 0)	3700 (3700, 0)

FIG. 11D

	Venue Msg Interval	Wave C – Symbol Y	Wave D – Symbol Z	Wave A – Symbol X	Wave B – Symbol X
Venue 1	500	-	-	400 (400, 0)	-
Venue 2	500	-	-	600 (600, 0)	1600 (1600, 0)
Venue 3	200	-	600 (600, 0)	800 (800, 0)	-
Venue 4	1000	0 (0, 0)	-	1000 (1000, 0)	2000 (2000, 0)
Venue 5	800	300 (300, 0)	1100 (1100, 0)	-	2300 (2300, 0)

FIG. 11E

1200

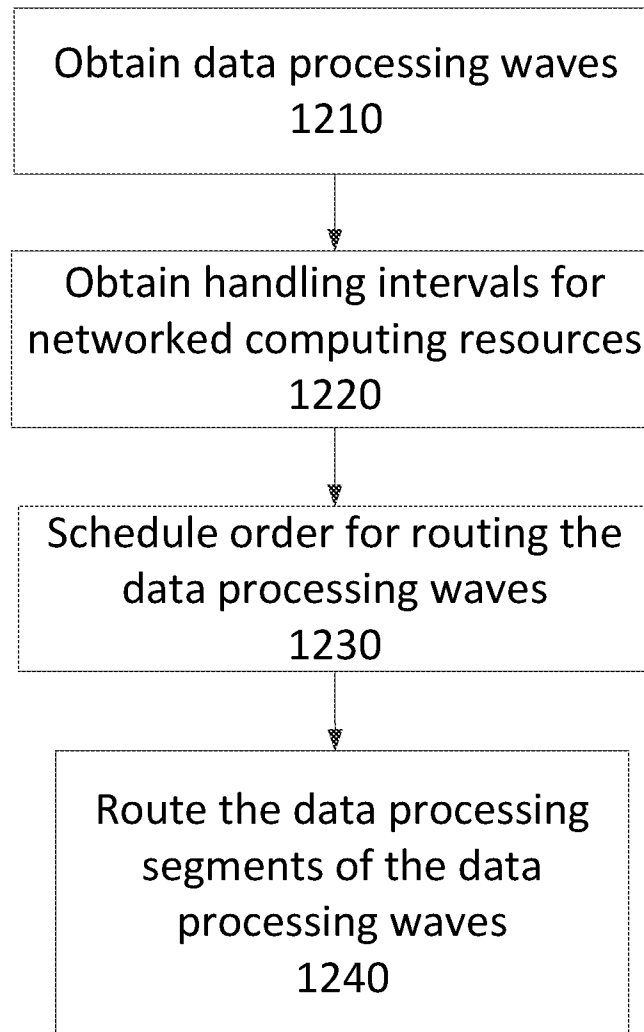


FIG. 12