

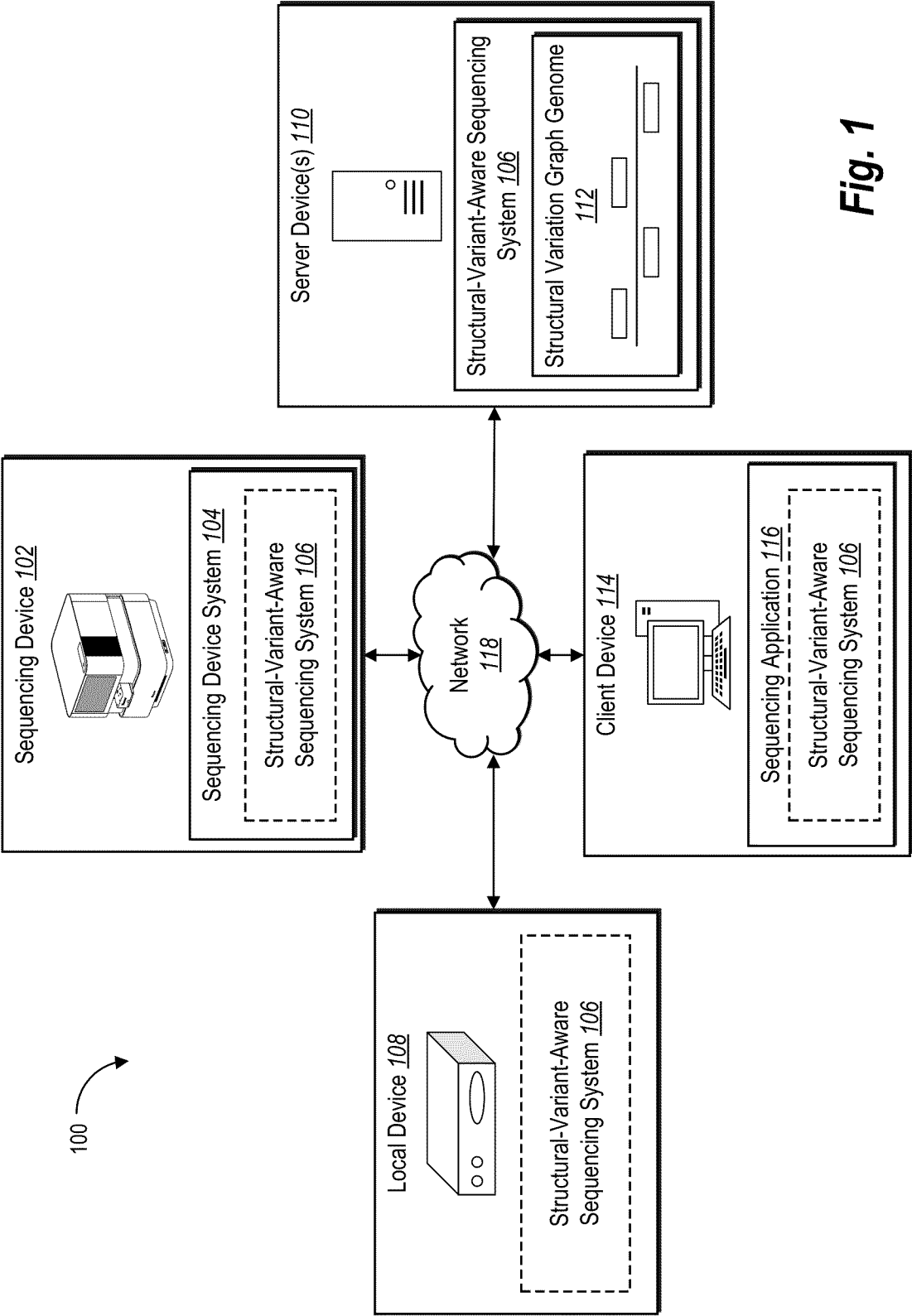
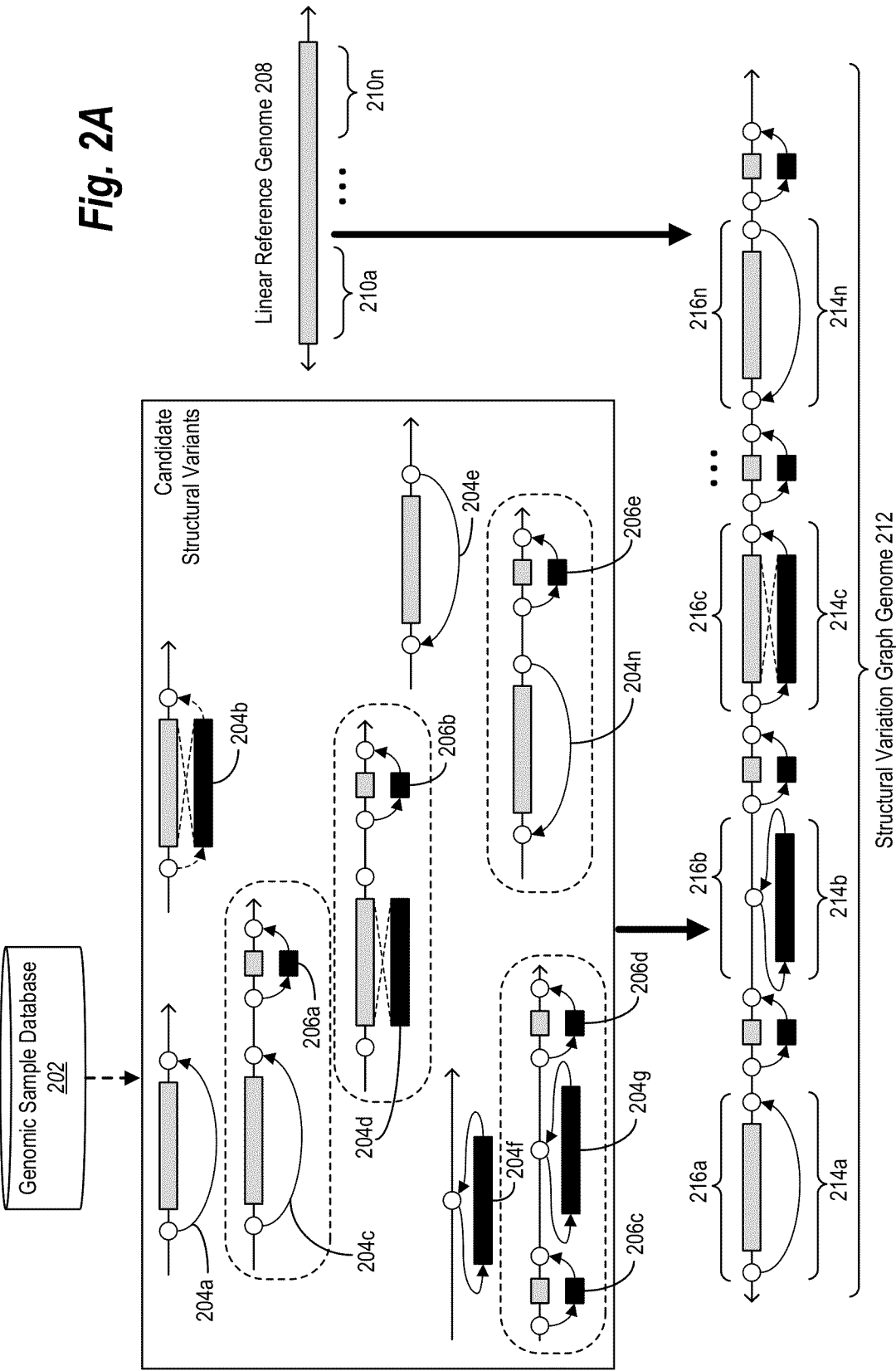


Fig. 1

Fig. 2A



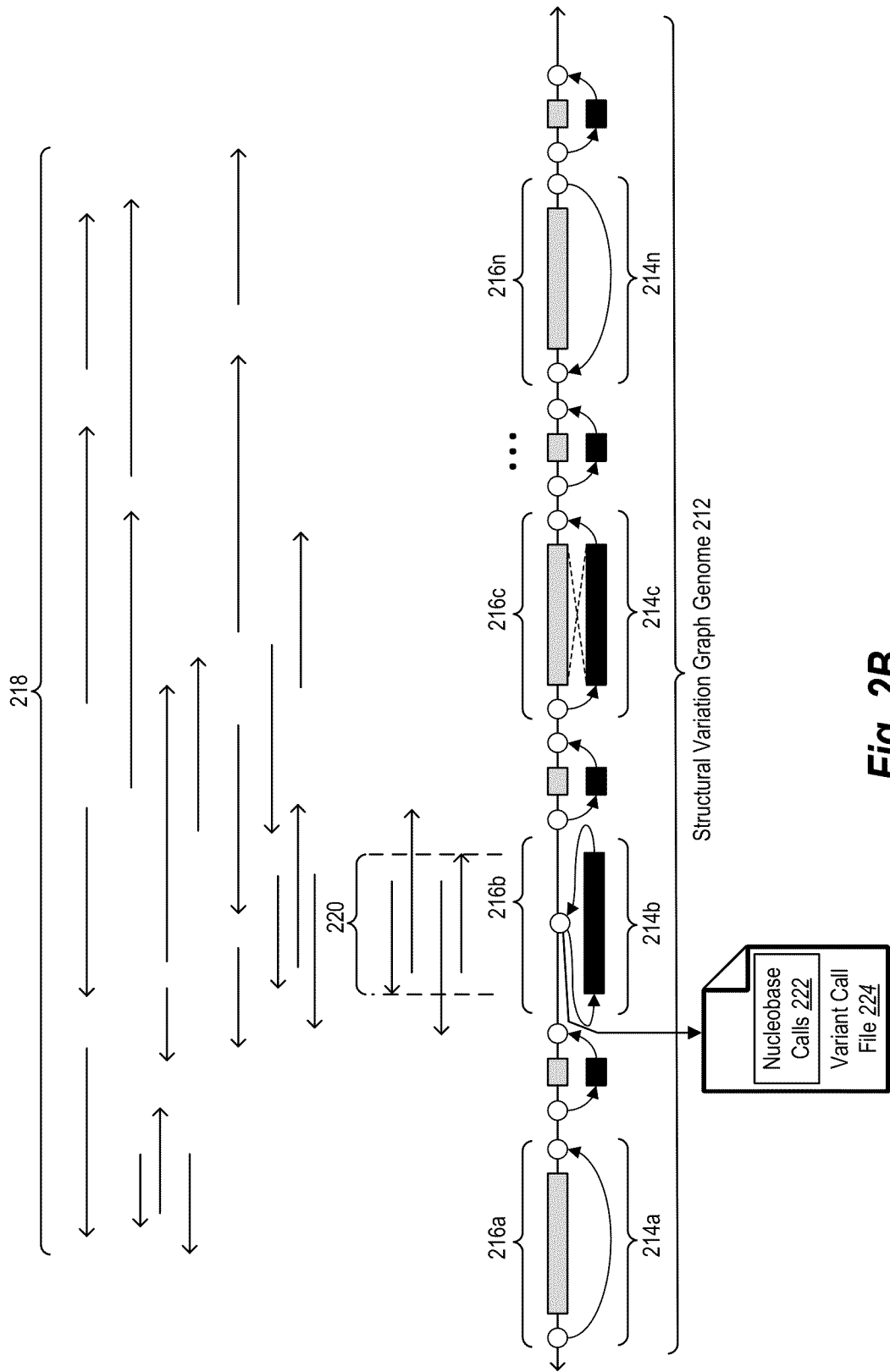


Fig. 2B

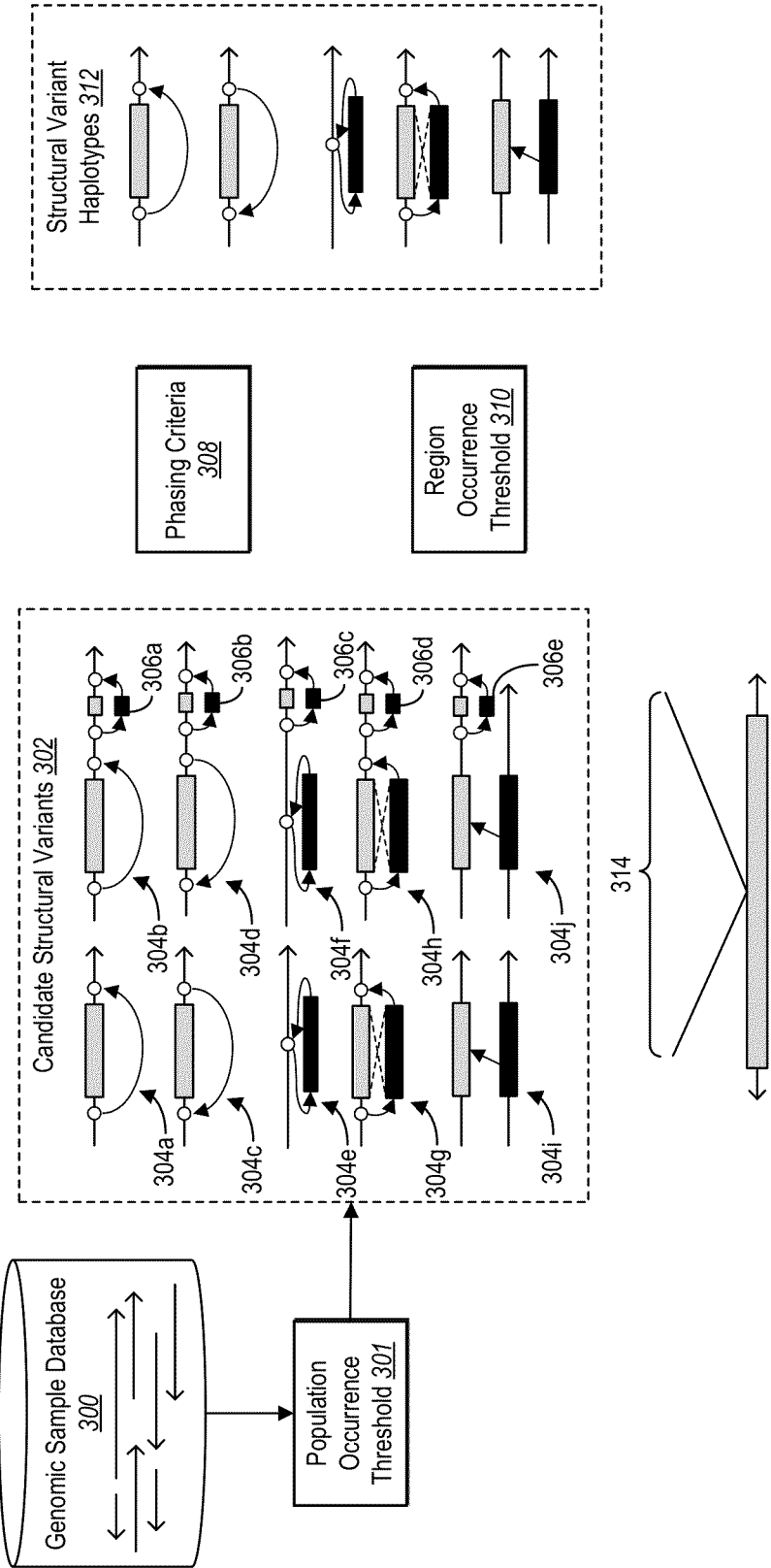


Fig. 3

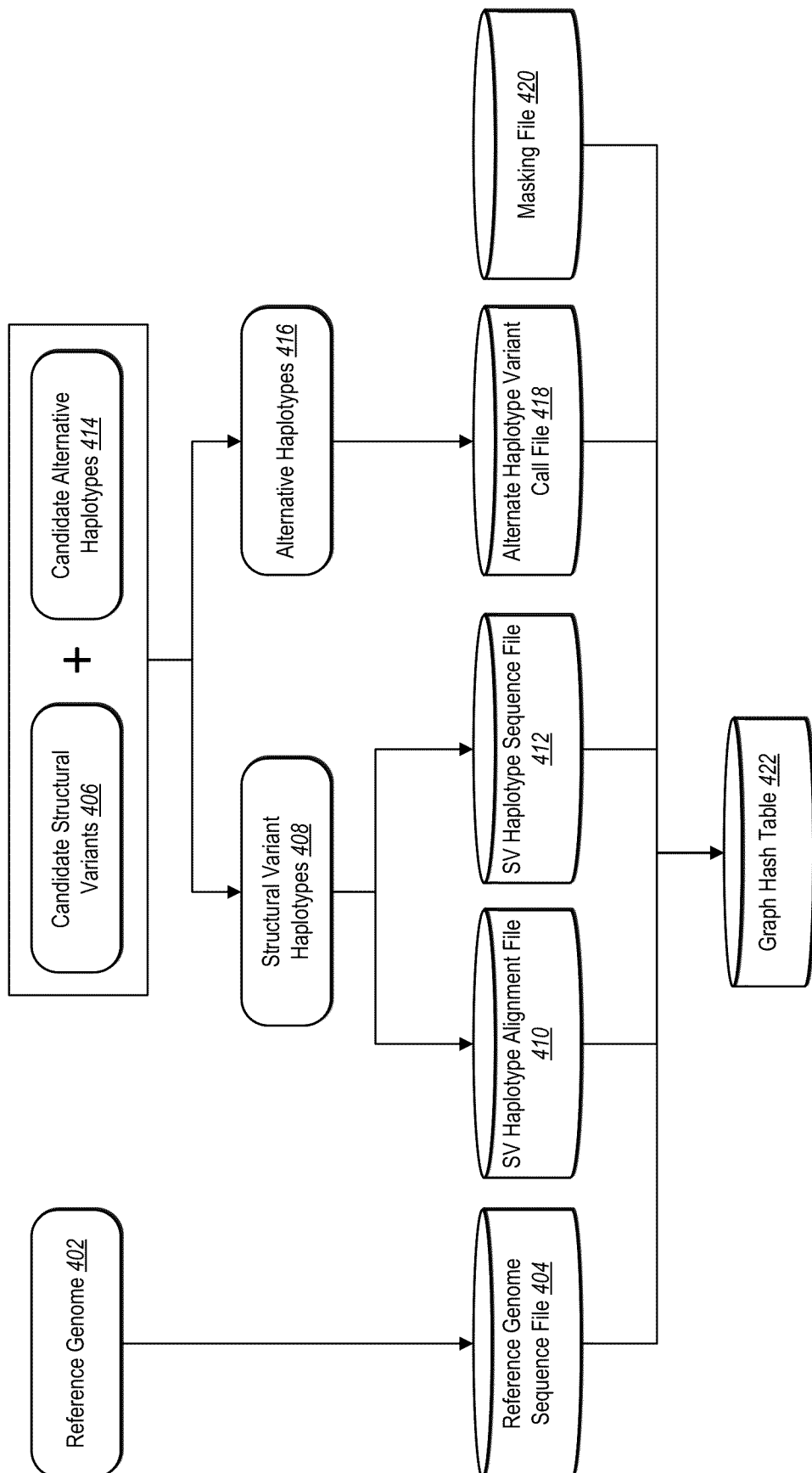
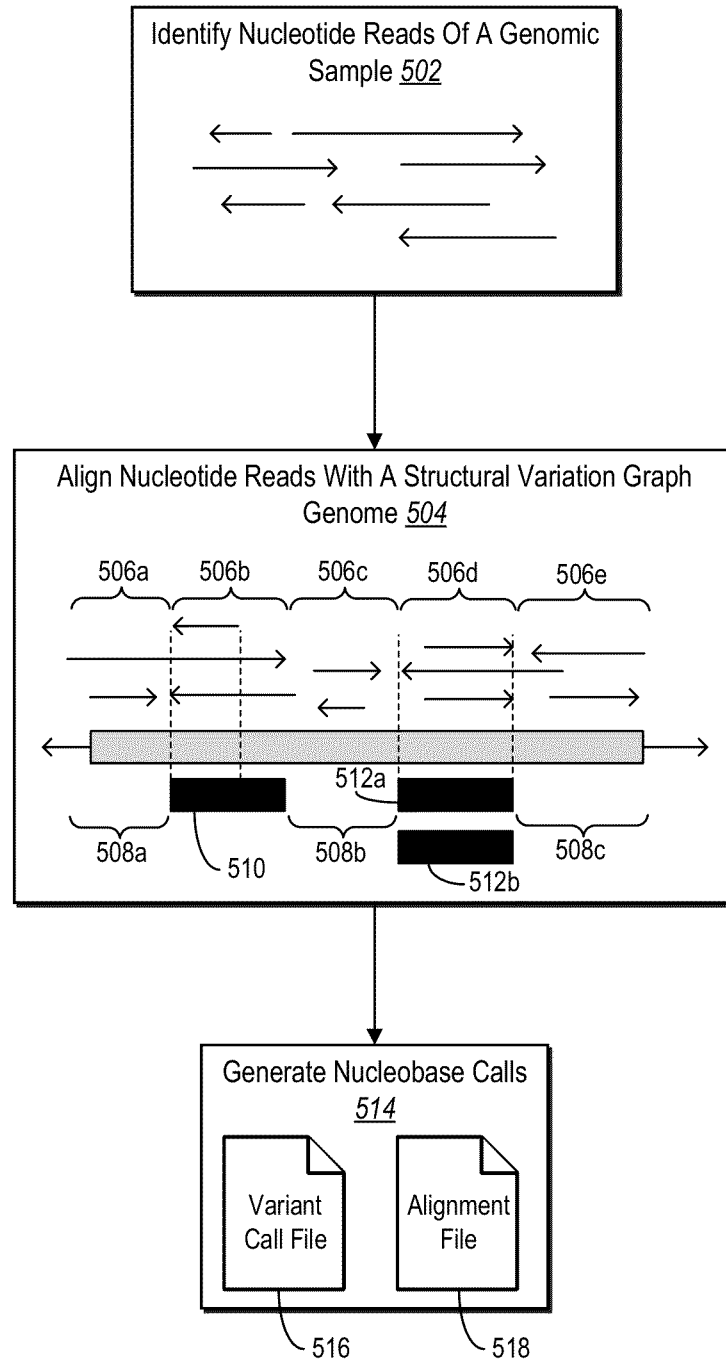


Fig. 4

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**Fig. 5**

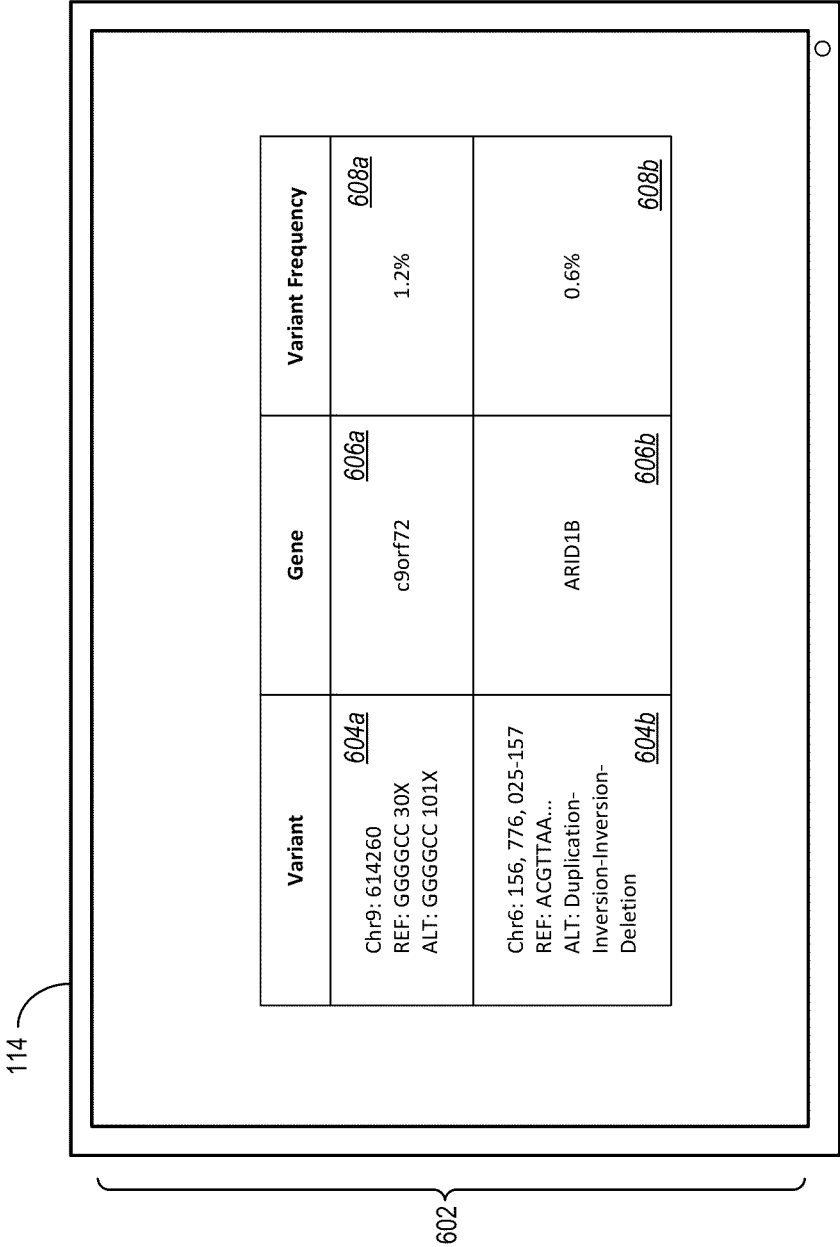


Fig. 6

700

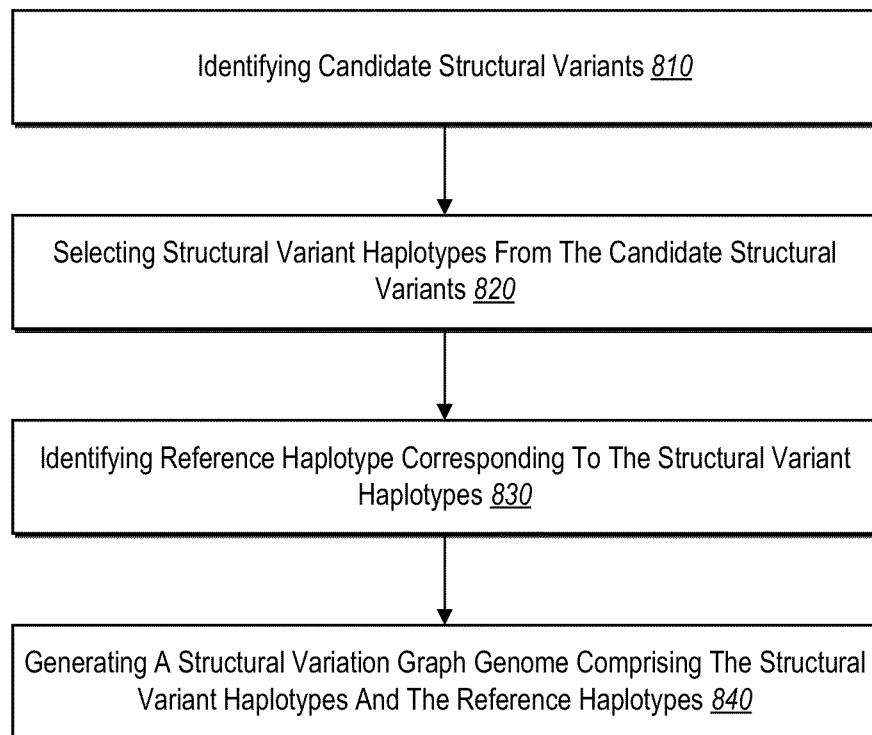


Structural Variation Event Type	Statistics	Graph Reference Genome	Structural Variation Graph Genome
Deletion	TruthSet TP	1308	1326
	TruthSet FN	508	490
	TruthSet Total	1816	1816
	Recall	0.7203	0.7302
	QuerySet TP	1306	1324
	QuerySet FN	33	36
	QuerySet Total	1339	1360
	Precision	0.9754	0.9735
	Fscore	0.8286	0.8345
	TruthSet TP	2763	2839
Insertion	TruthSet FN	987	911
	TruthSet Total	3750	3750
	Recall	0.7368	0.7571
	QuerySet TP	2846	2902
	QuerySet FN	49	43
	QuerySet Total	2895	2945
	Precision	0.9831	0.9854
	Fscore	0.8423	0.8563

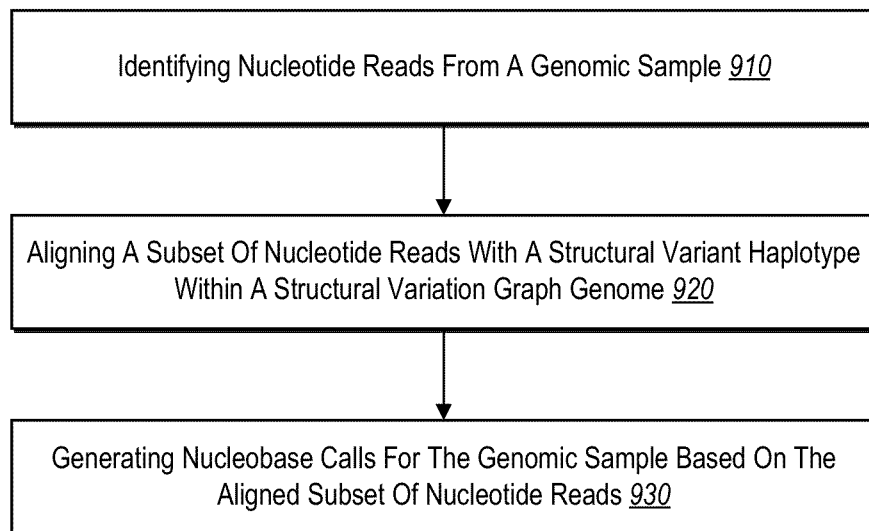
Fig. 7

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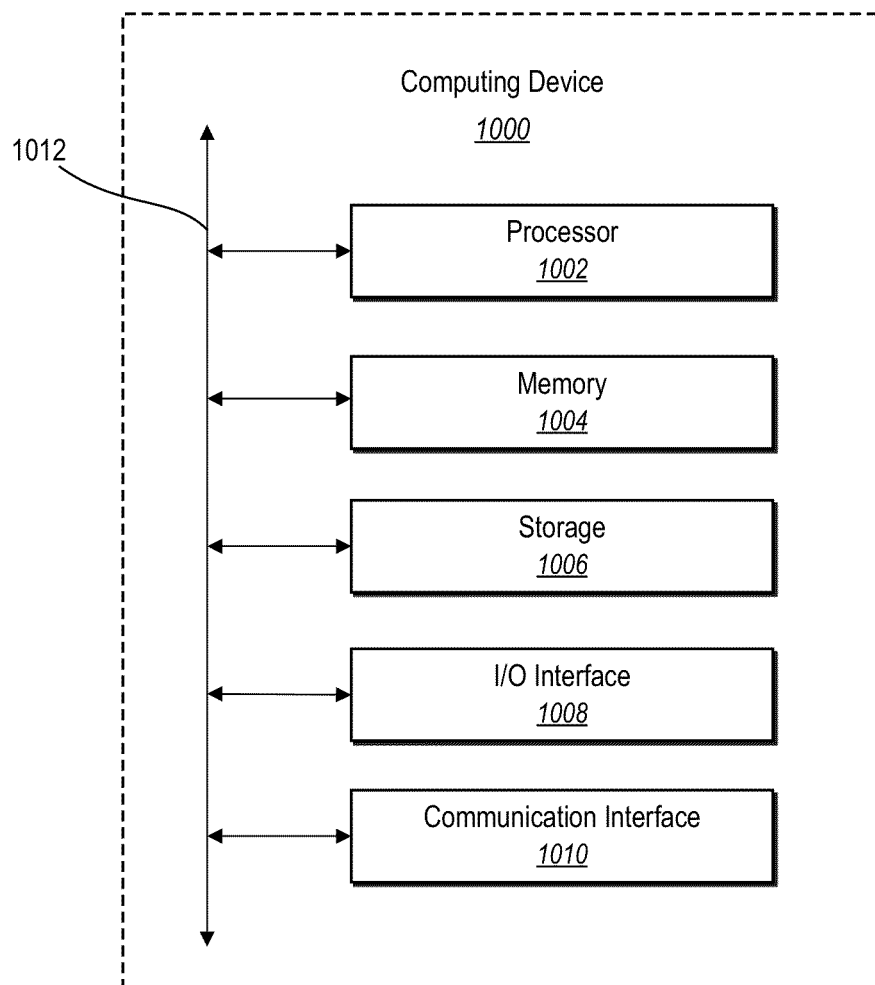
800

**Fig. 8**

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900 **Fig. 9**

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**Fig. 10**