

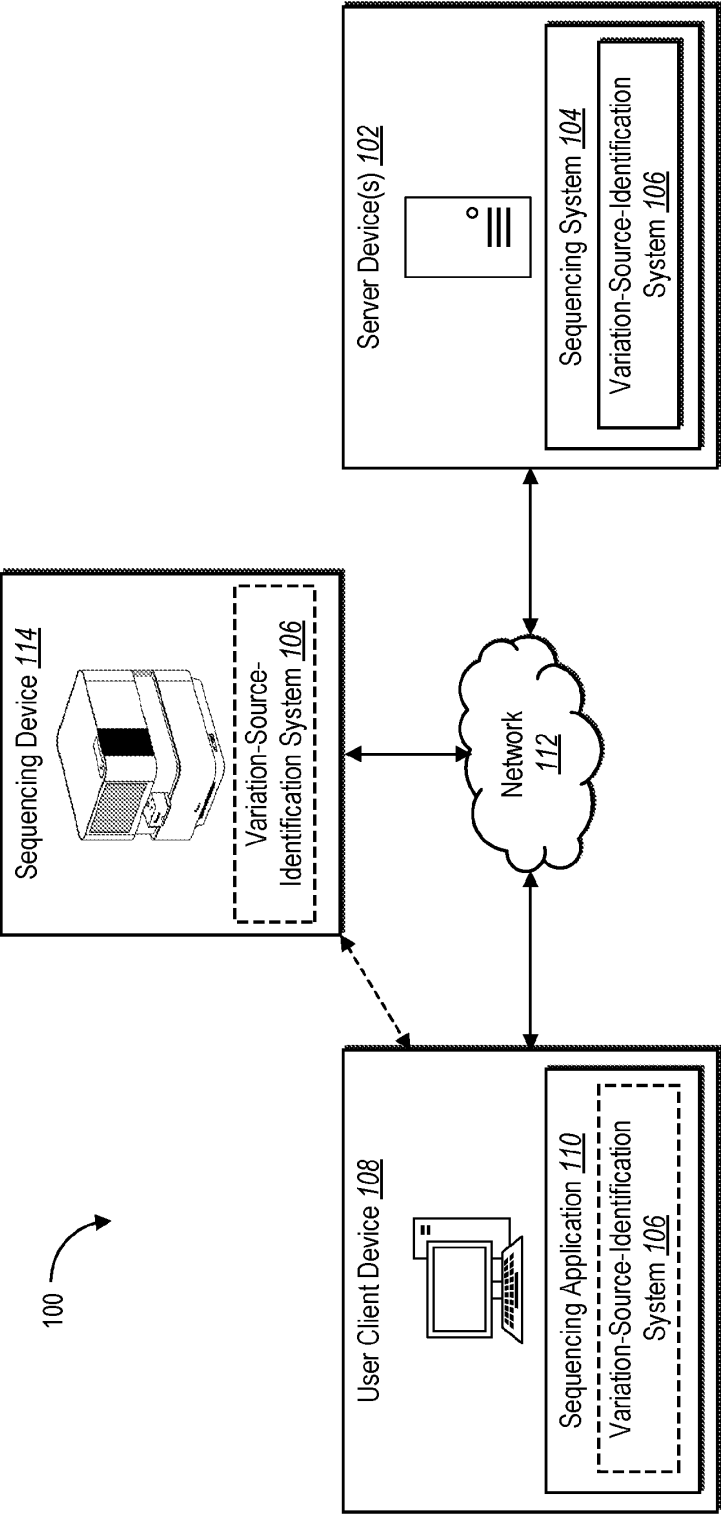


Fig. 1

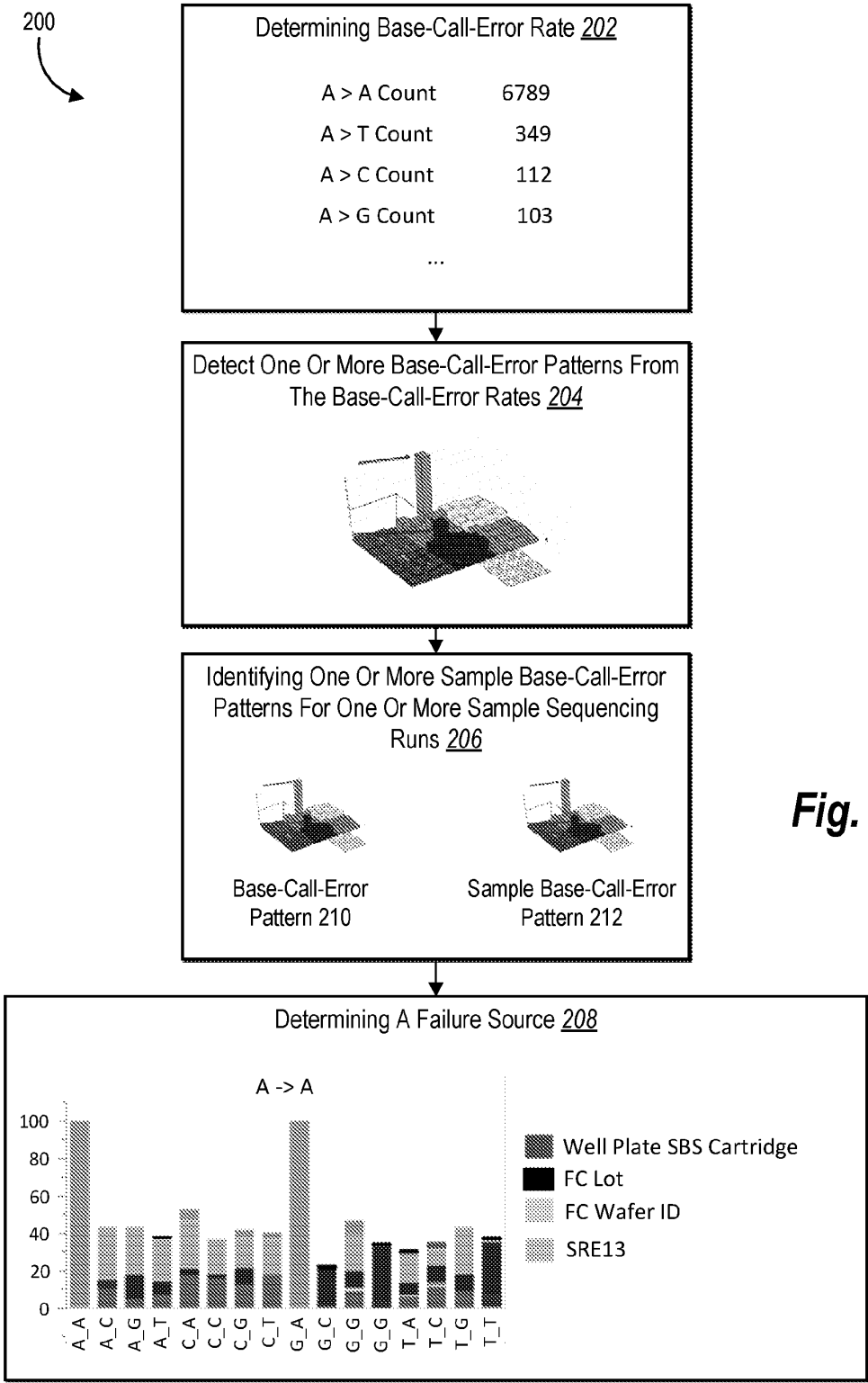


Fig. 2

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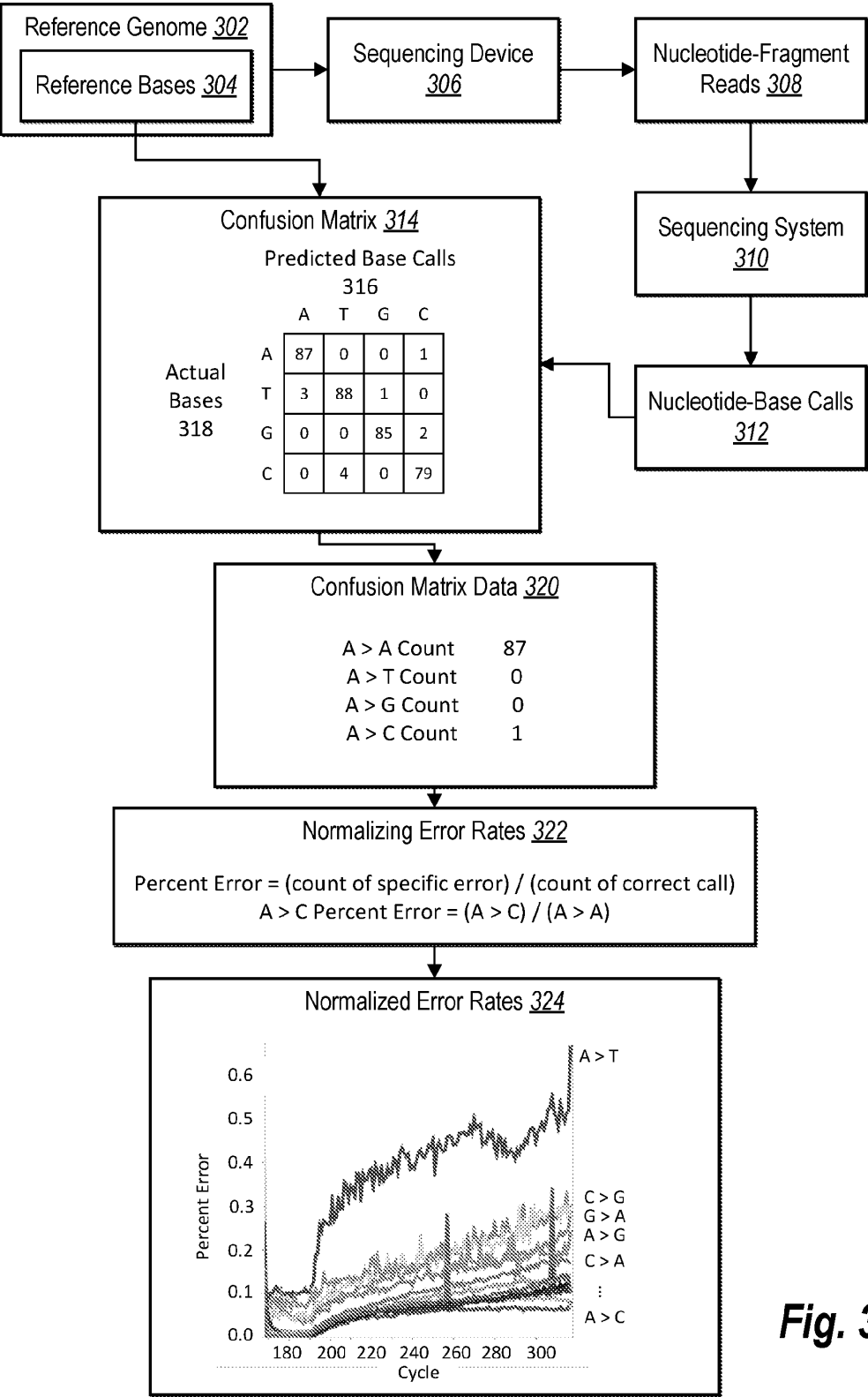


Fig. 3

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400

Determining Base-Call Error Rates Grouped According To Base-Call-Error Types And Differing Neighboring Nucleotide Bases 402

Base-Call-Error Type

A > T	G > T
T > C	T > A
G > A	C > G
C > T	G > C
A > G	C > A
T > G	A > C

Neighboring Nucleotide Bases

T_T	T_C	T_A	T_G
C_T	C_C	C_A	C_G
A_T	A_C	A_A	A_G
G_T	G_C	G_A	G_G

Detecting The Base-Call-Error Pattern From The Grouped Base-Call-Error Rates 404

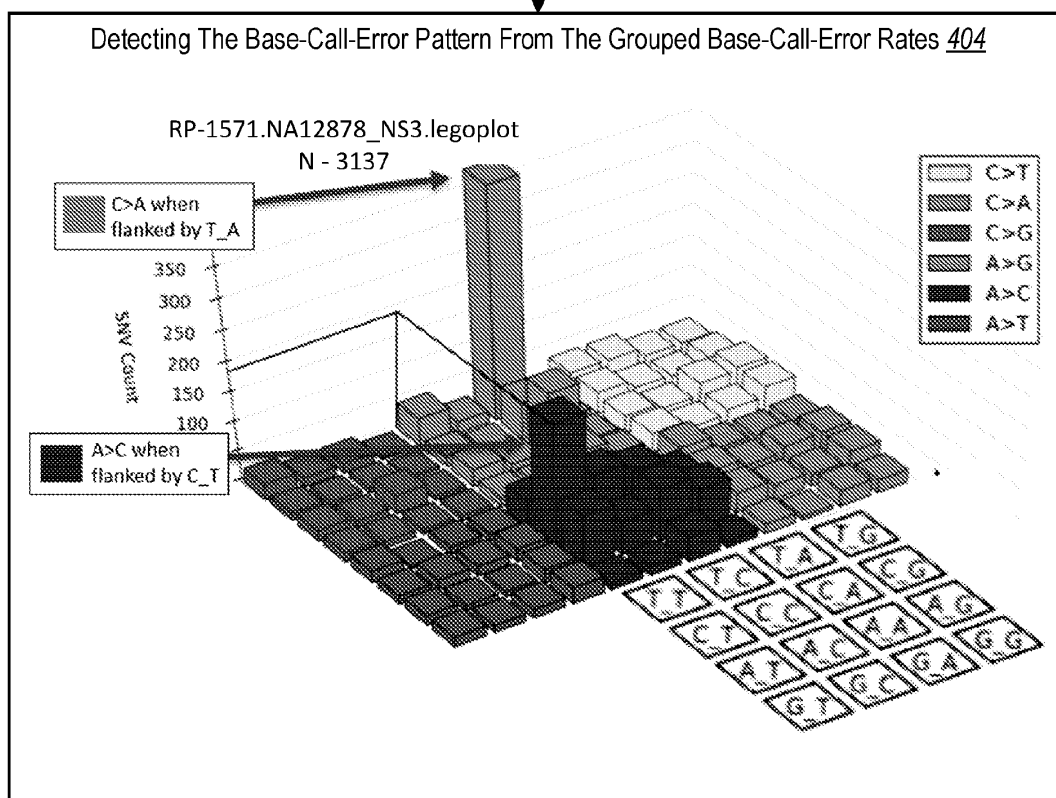
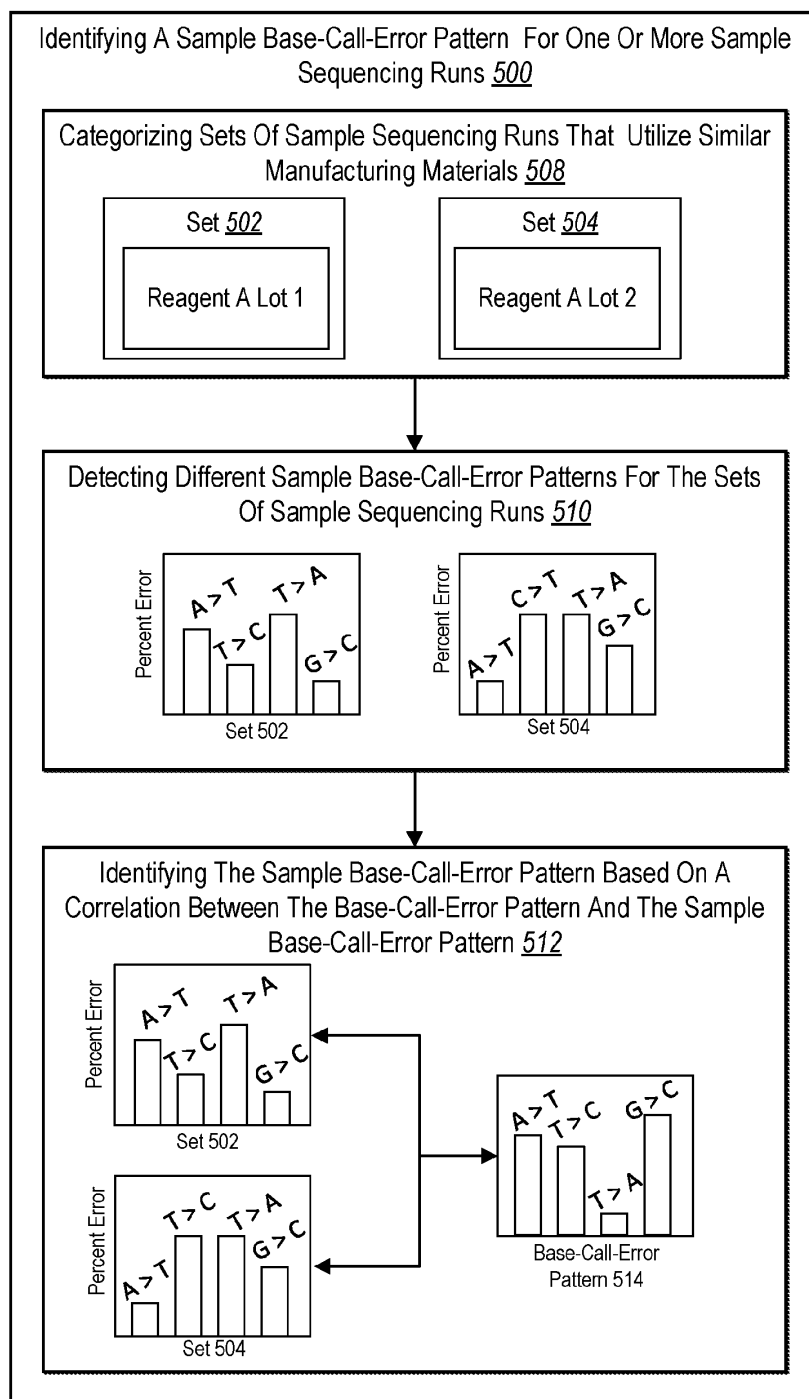


Fig. 4

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**Fig. 5**

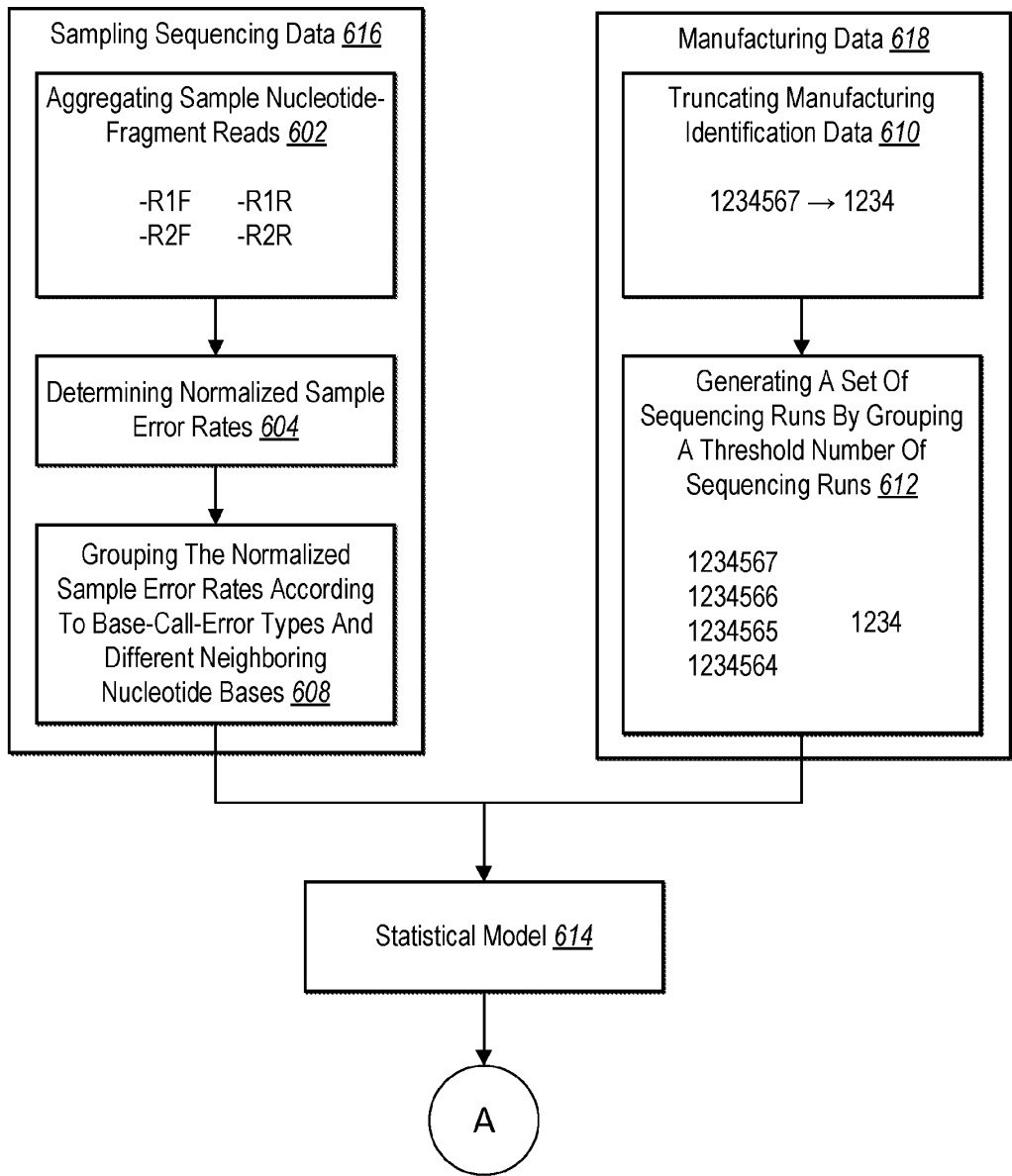


Fig. 6A

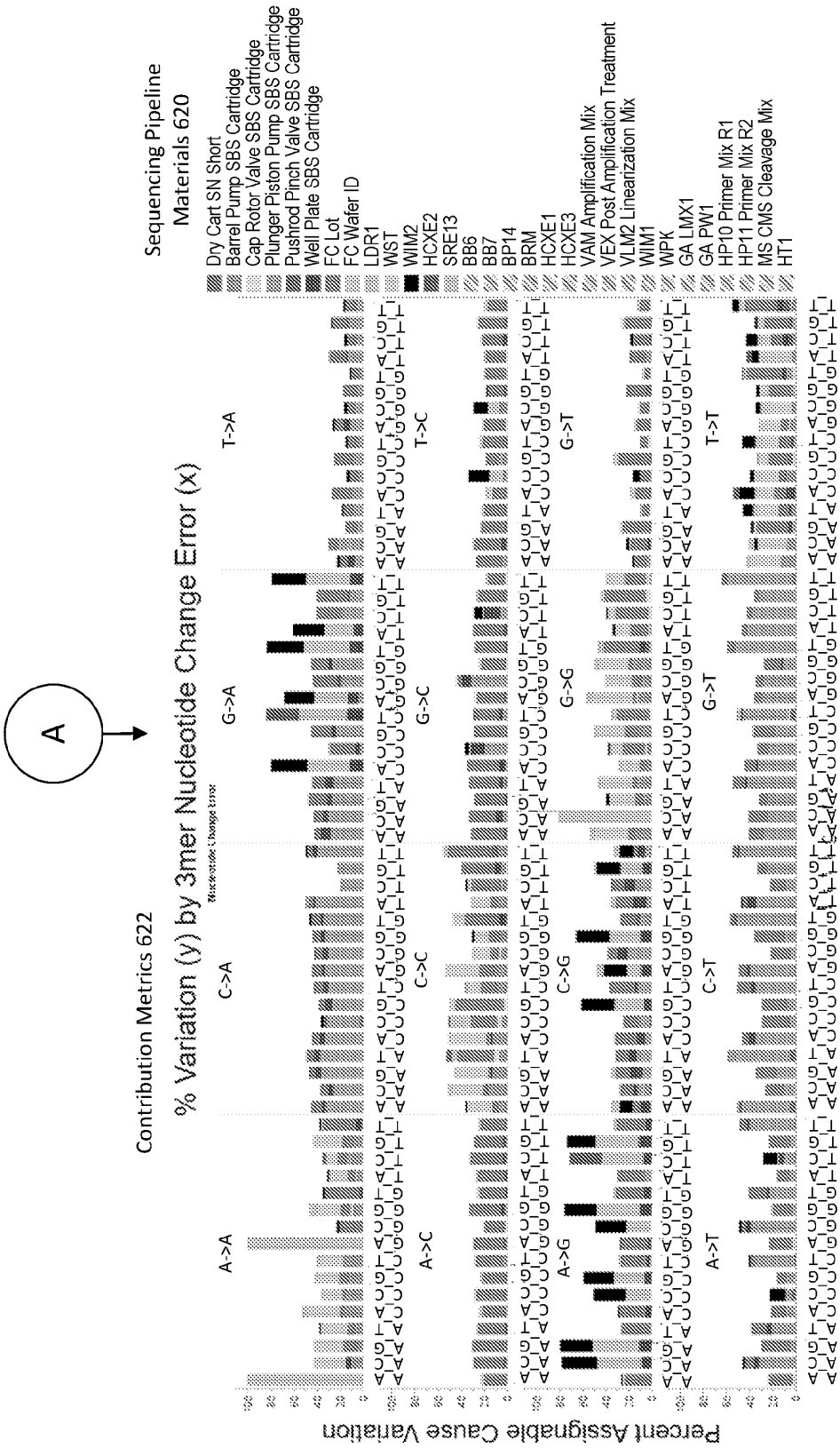


Fig. 6B

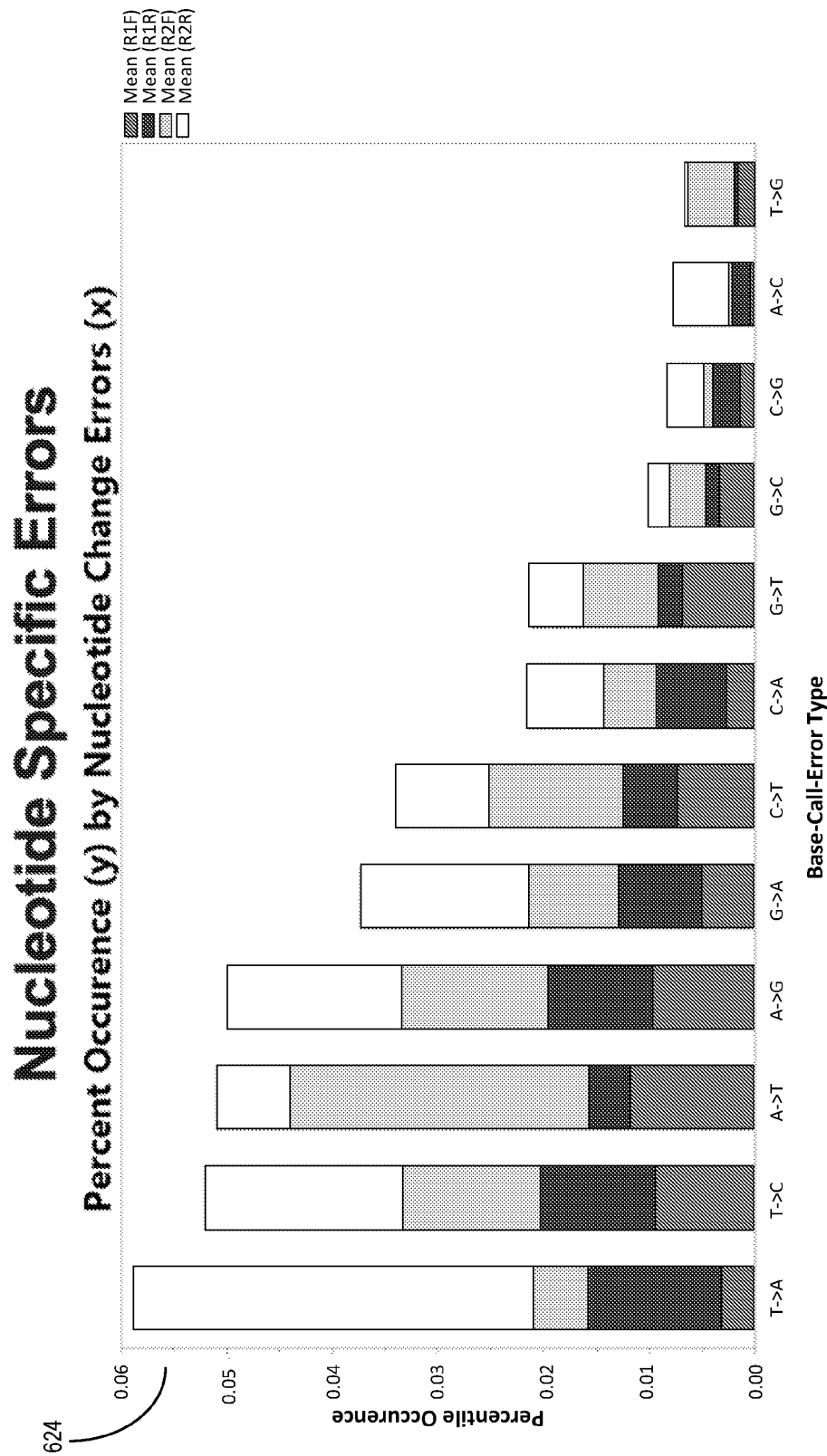


Fig. 6C

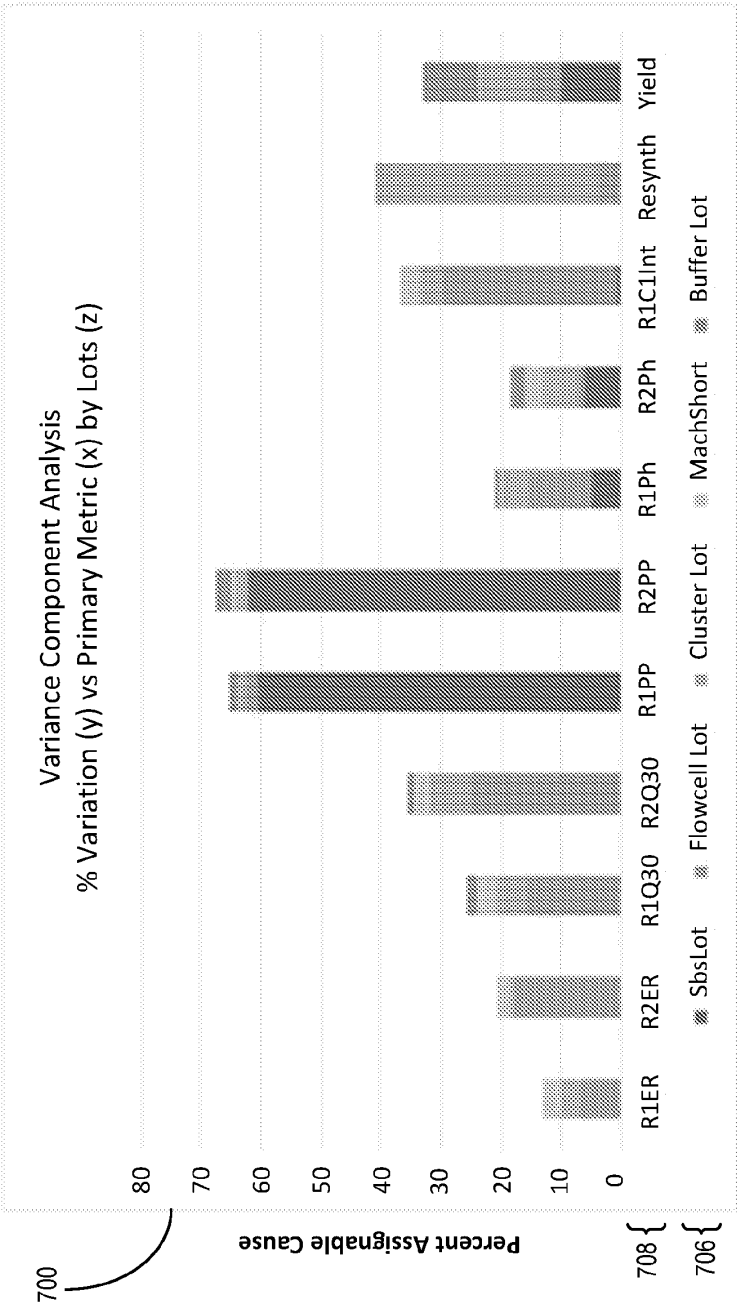


Fig. 7A

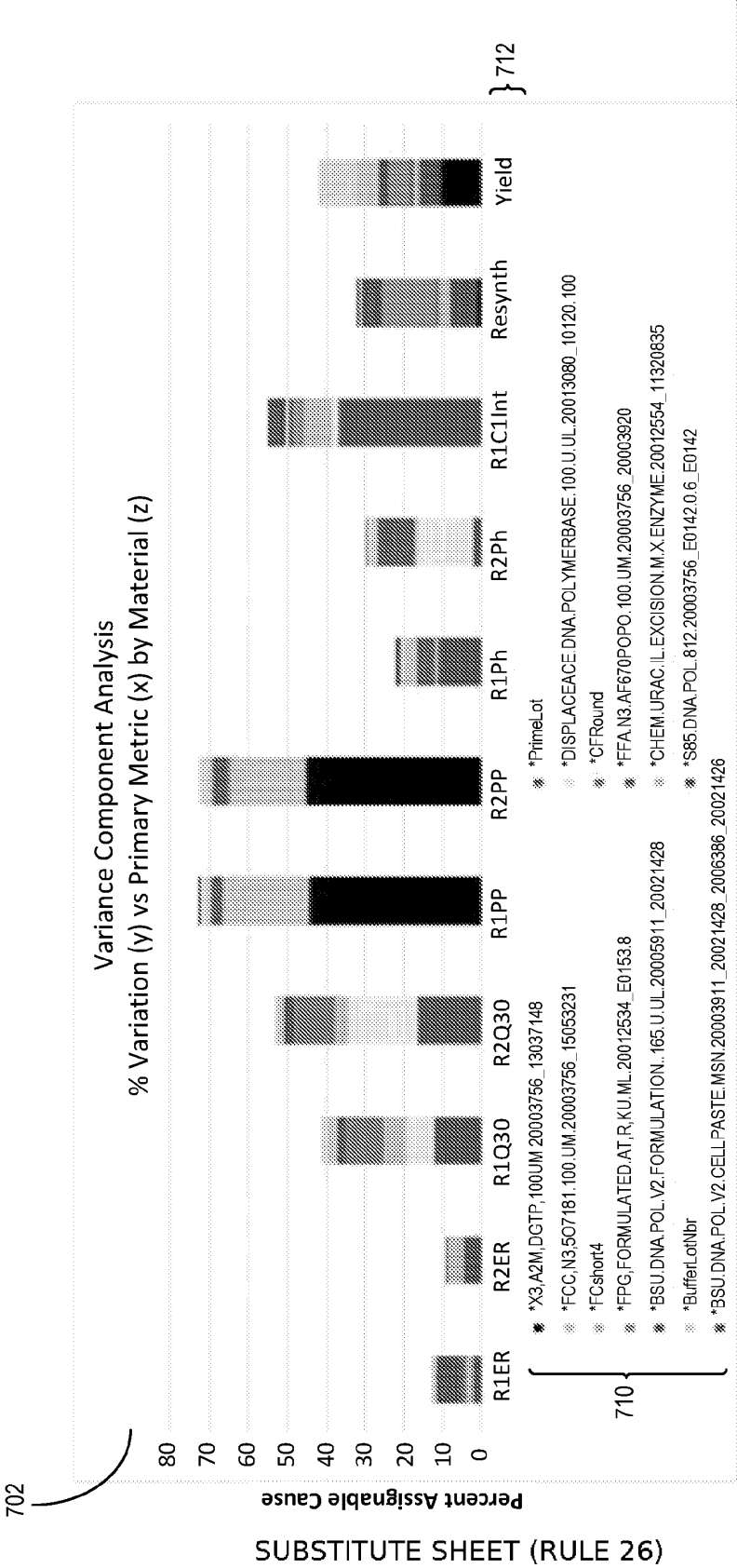


Fig. 7B

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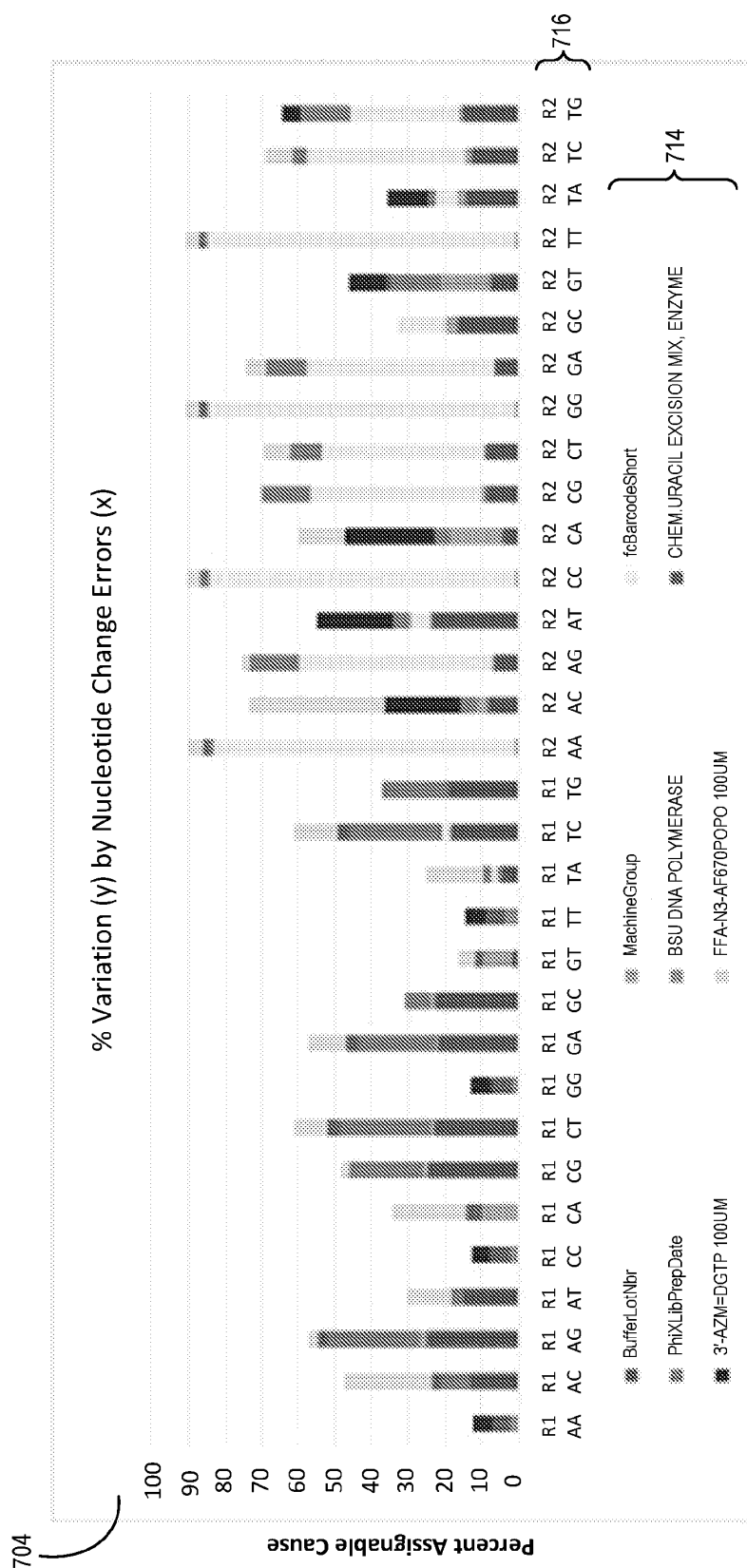


Fig. 7C

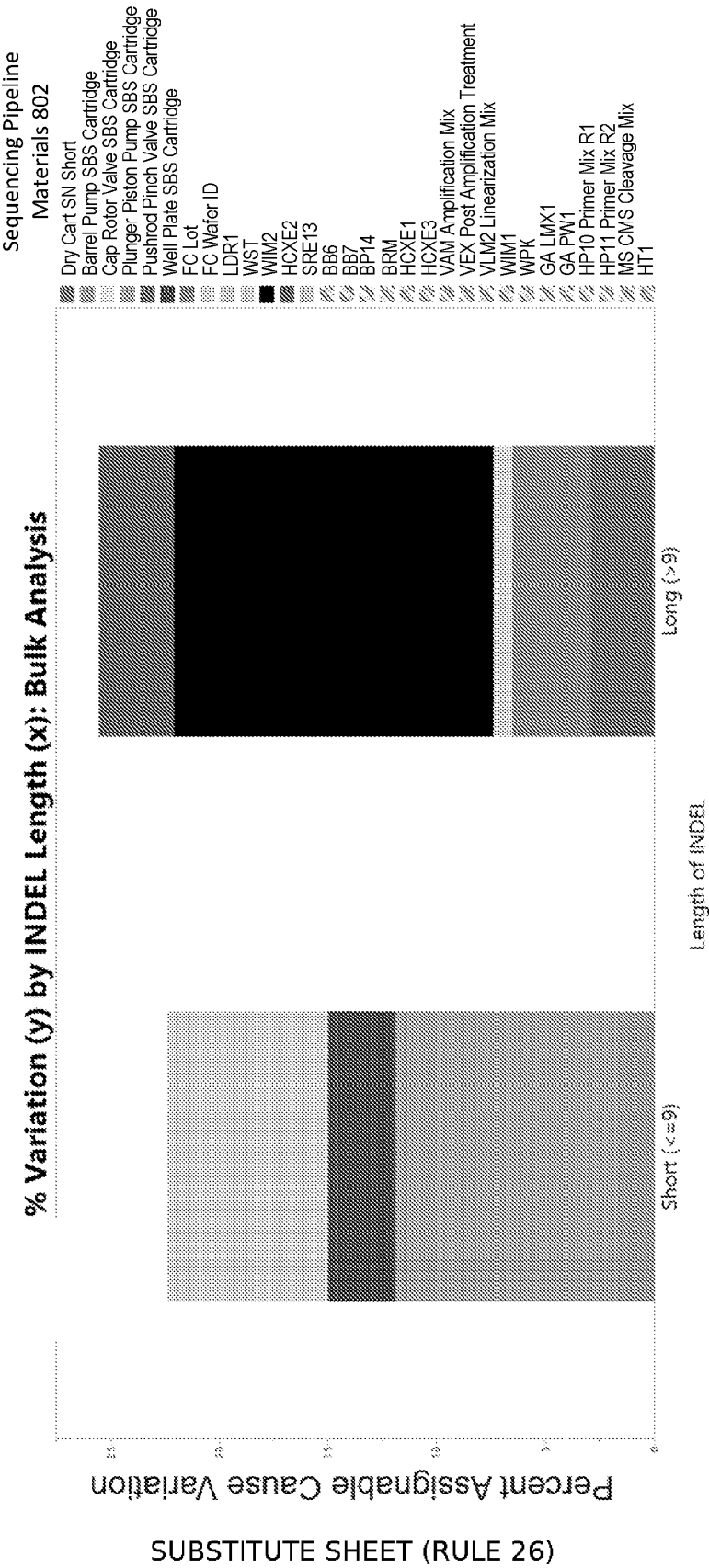


Fig. 8

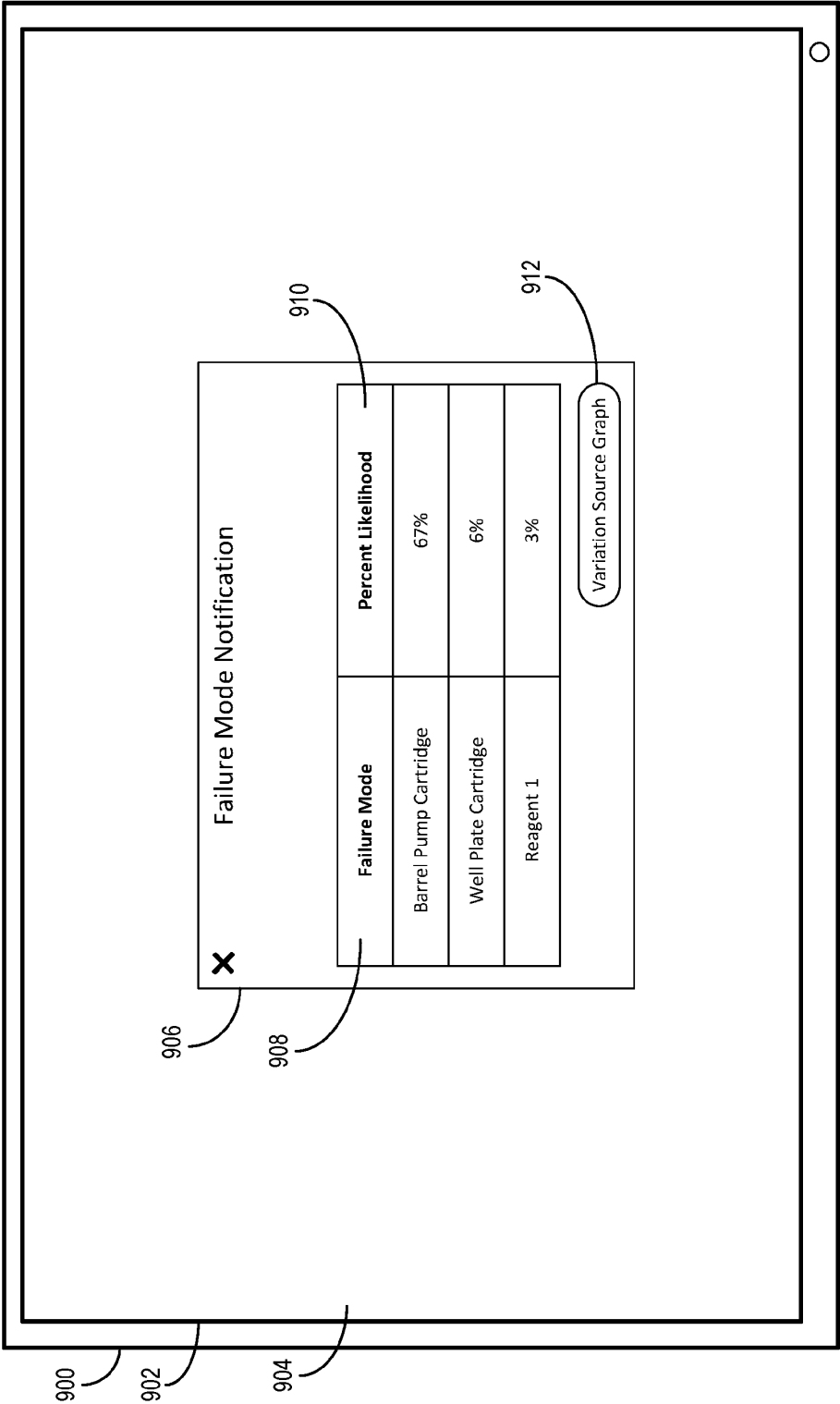
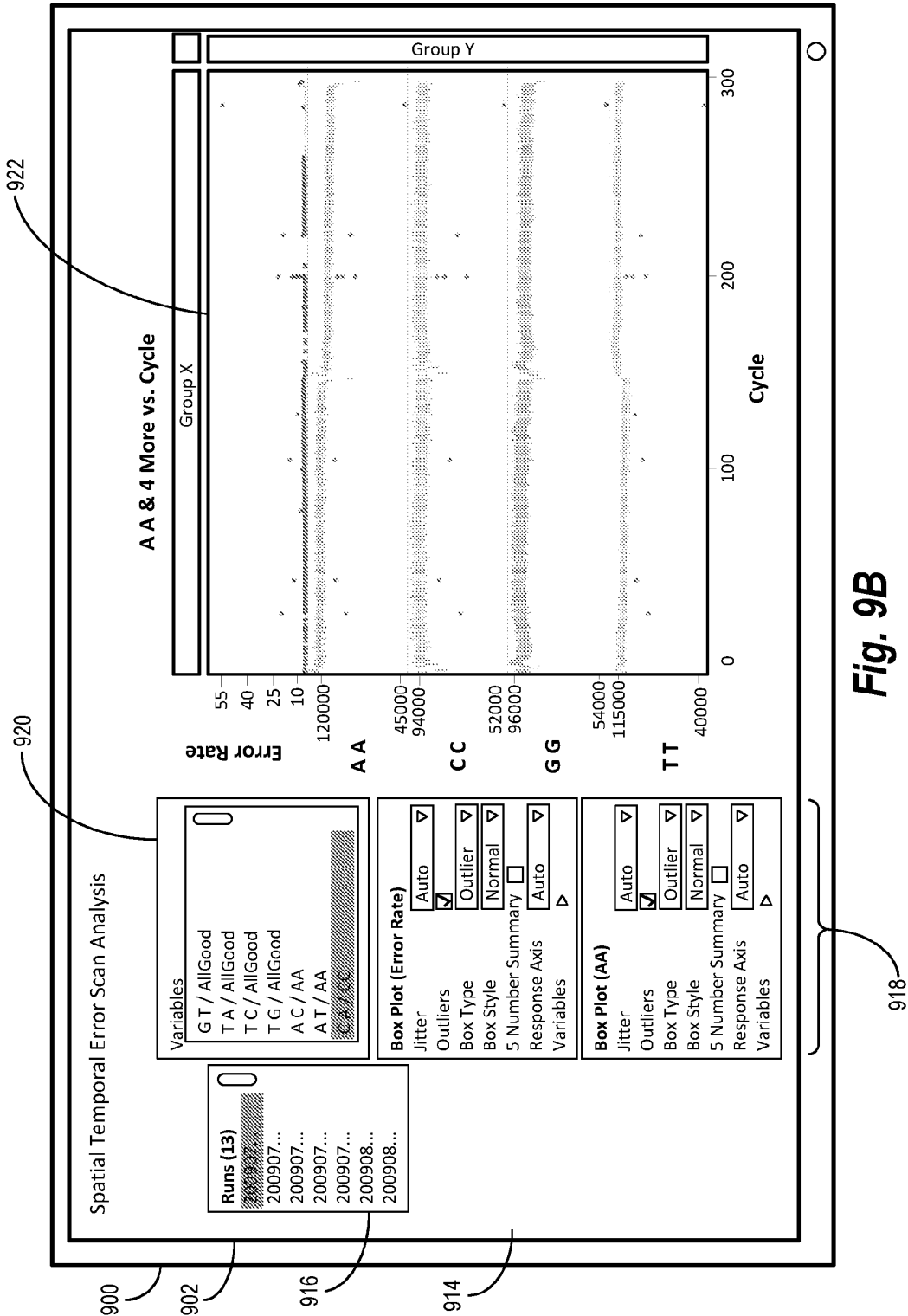
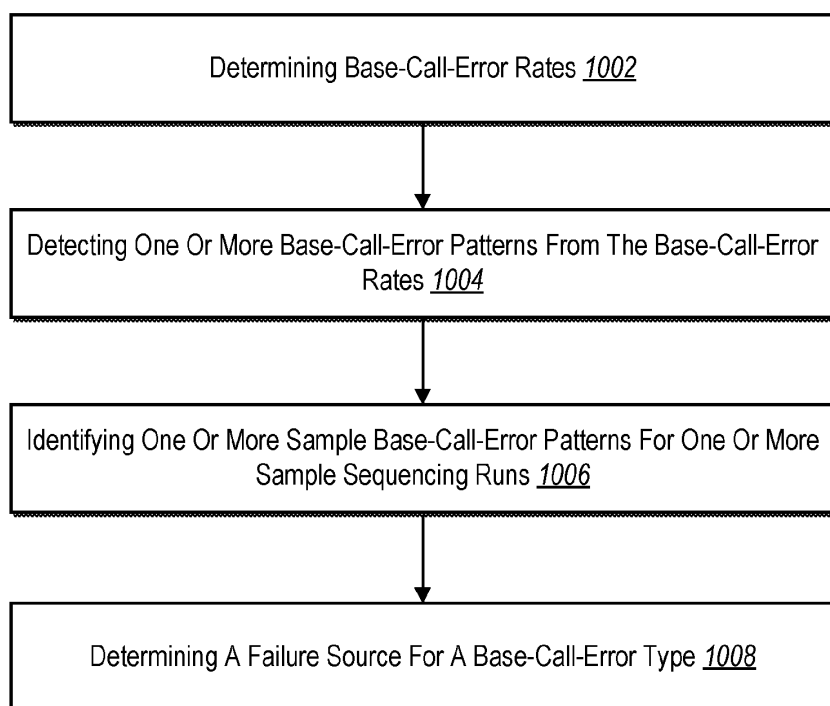


Fig. 9A



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1000
**Fig. 10**

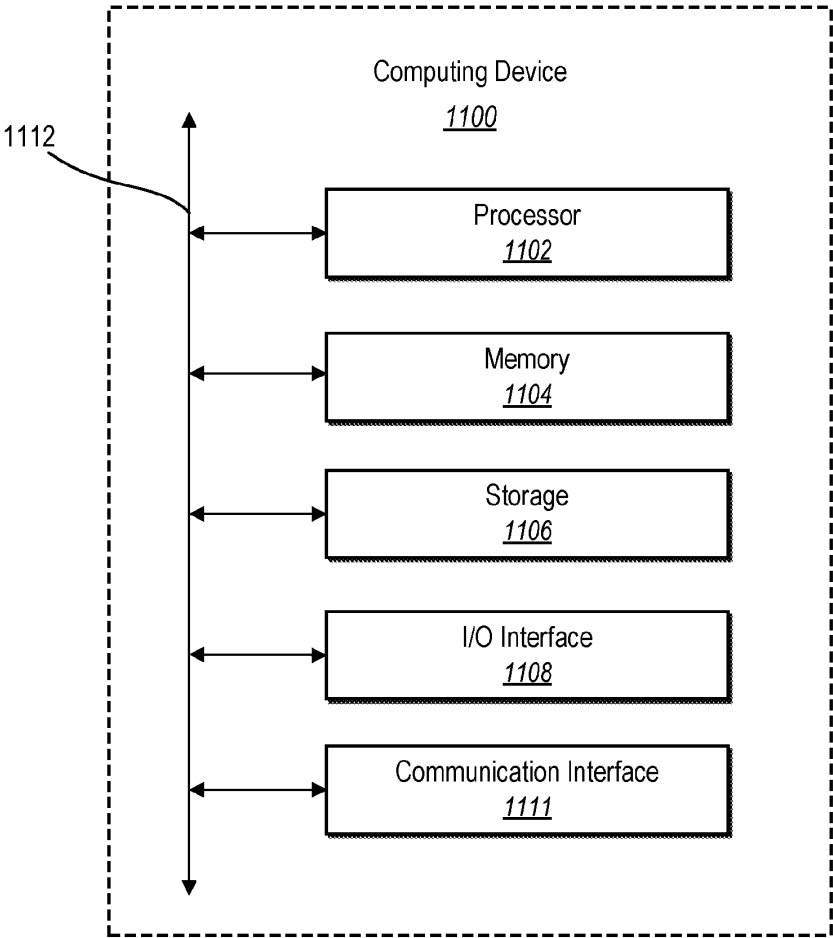


Fig. 11