

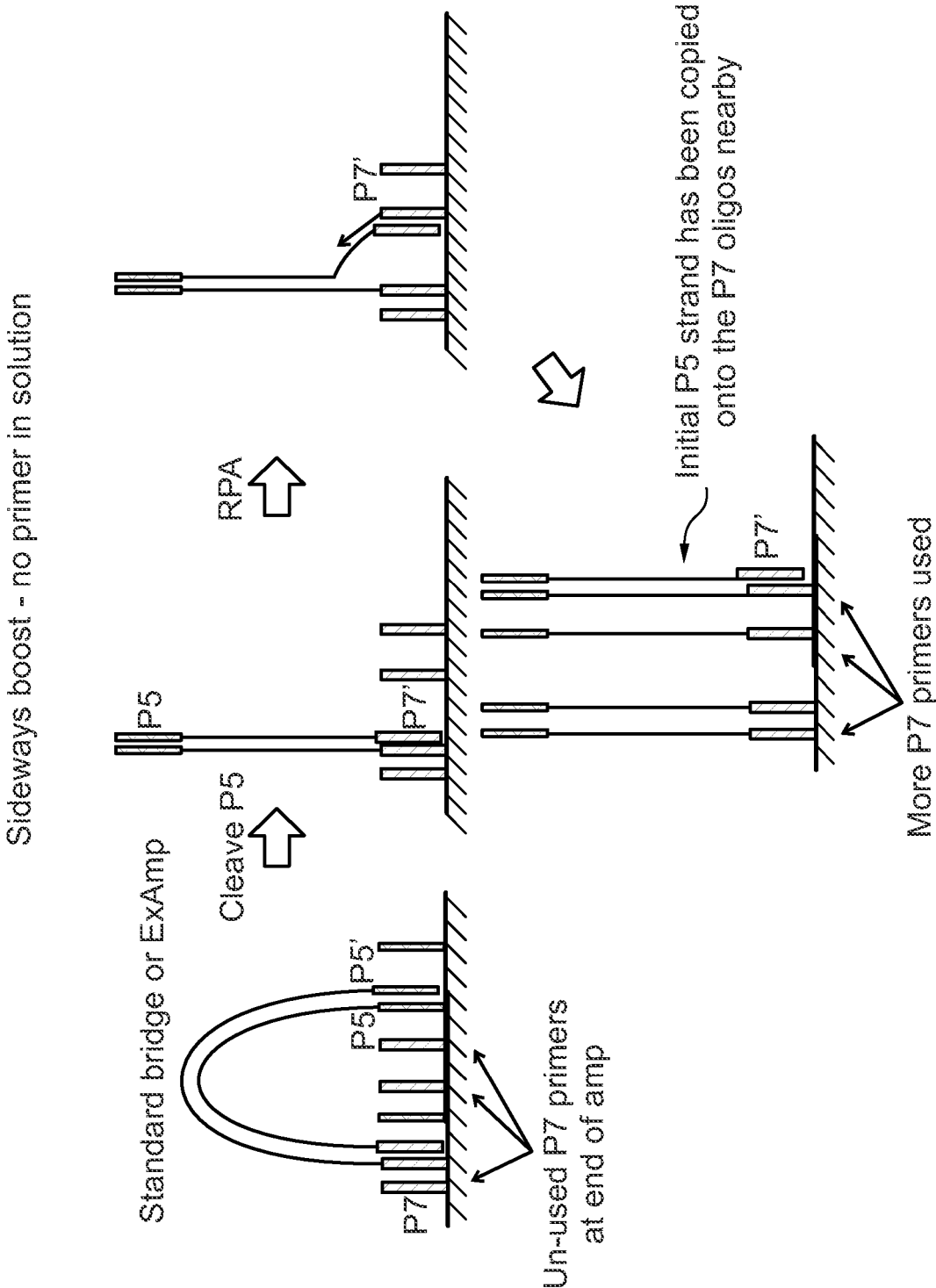


Fig. 1

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Sideways boost - P5 primer in solution

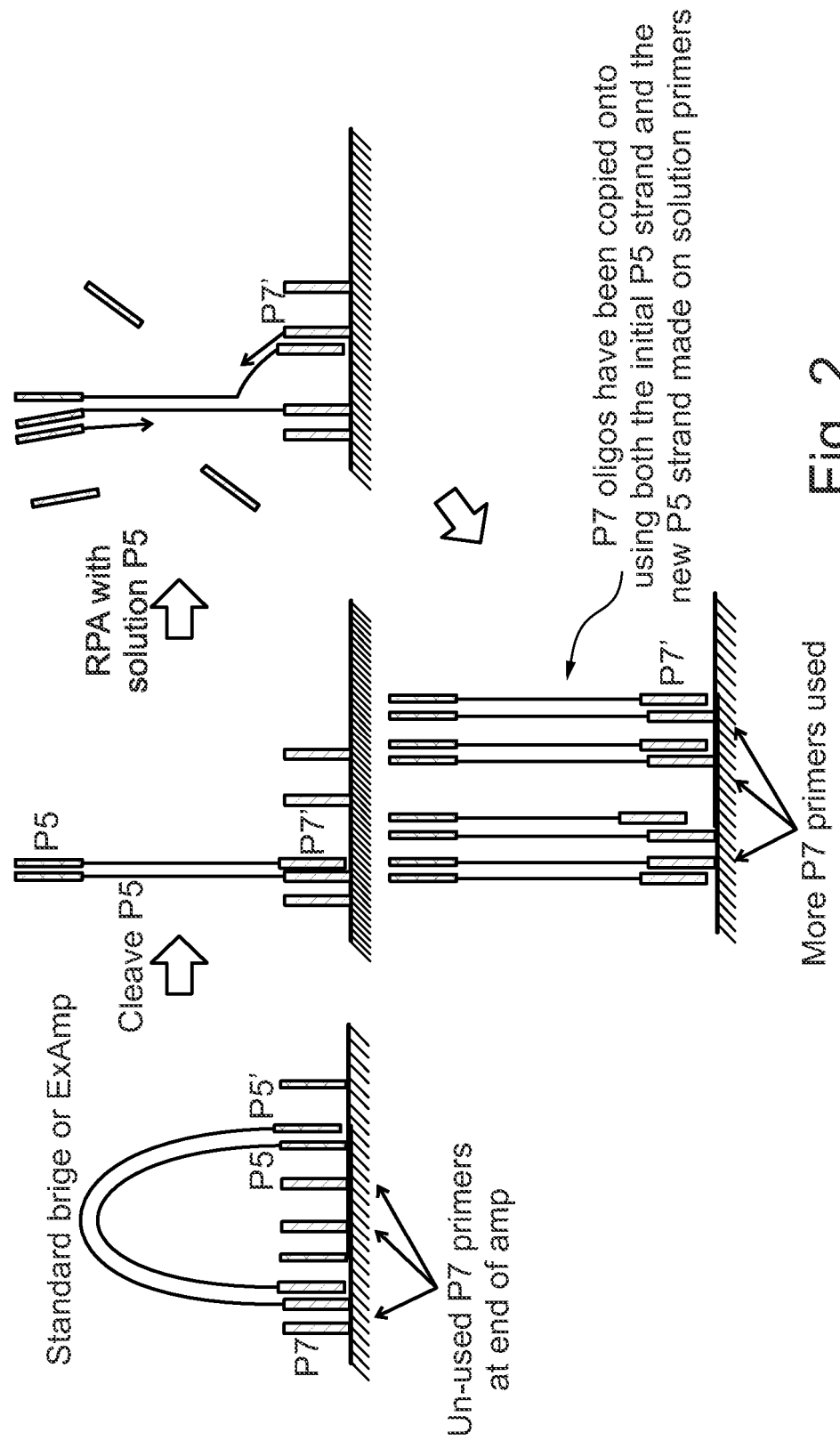


Fig. 2

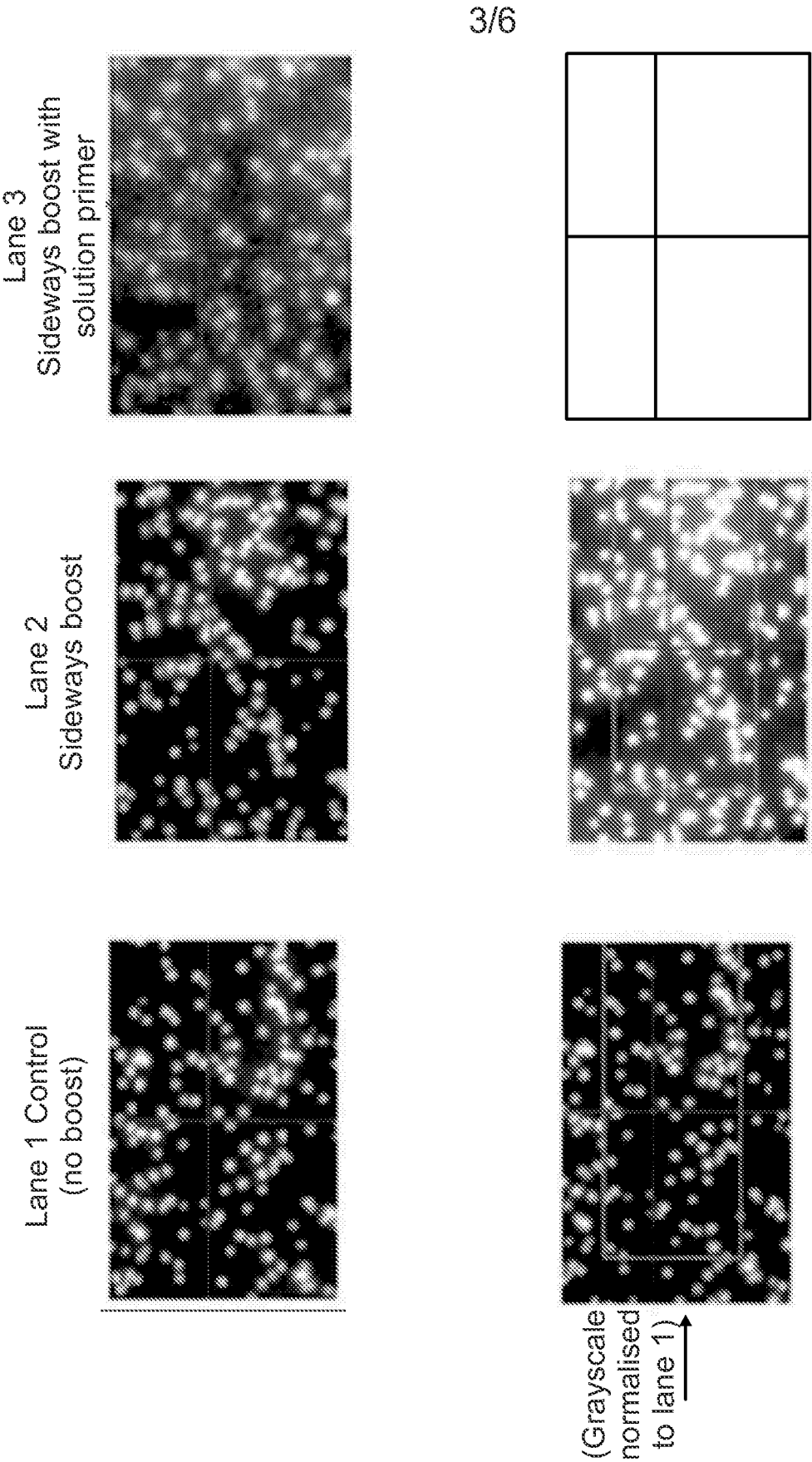


Fig. 3

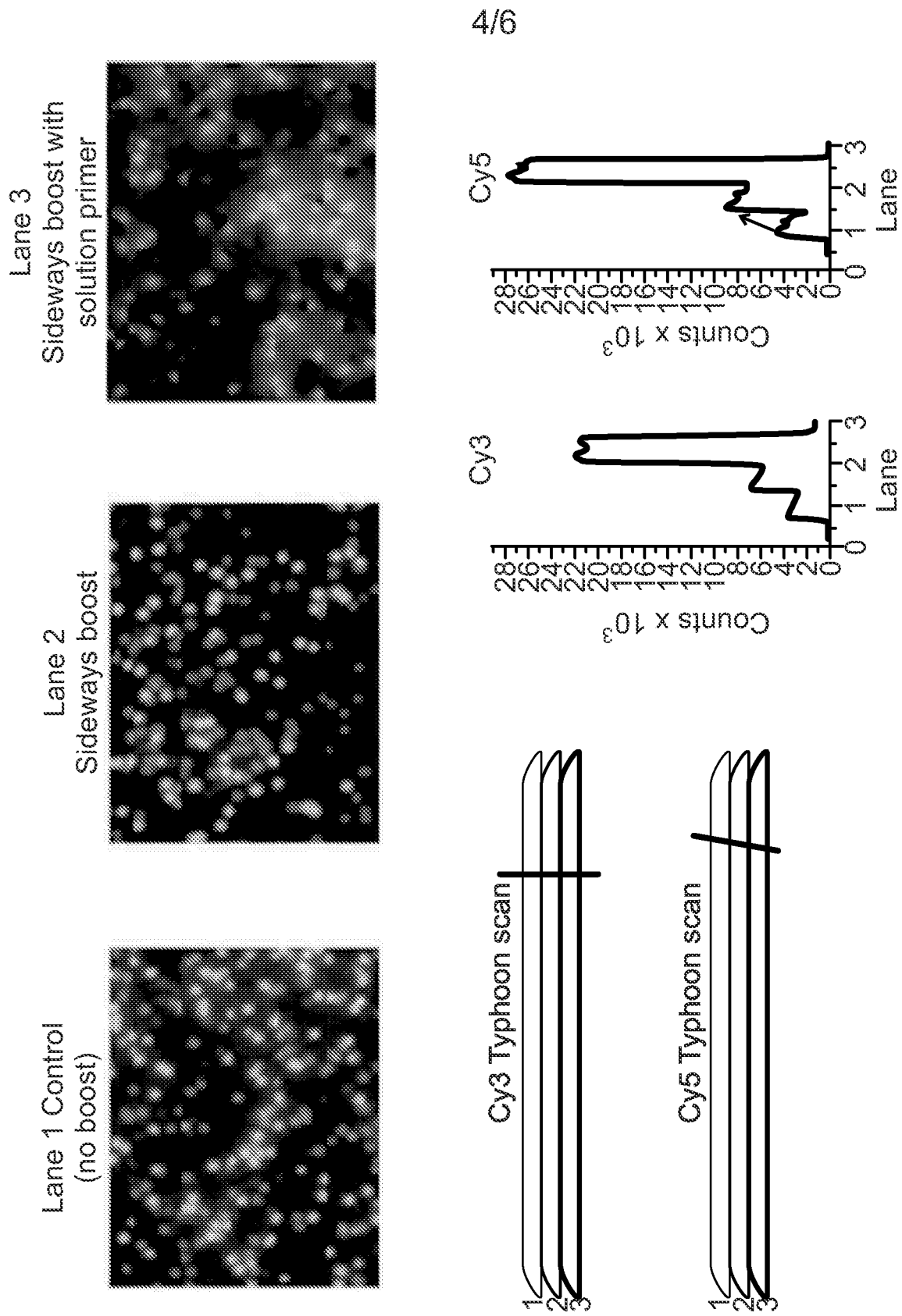


Fig. 4

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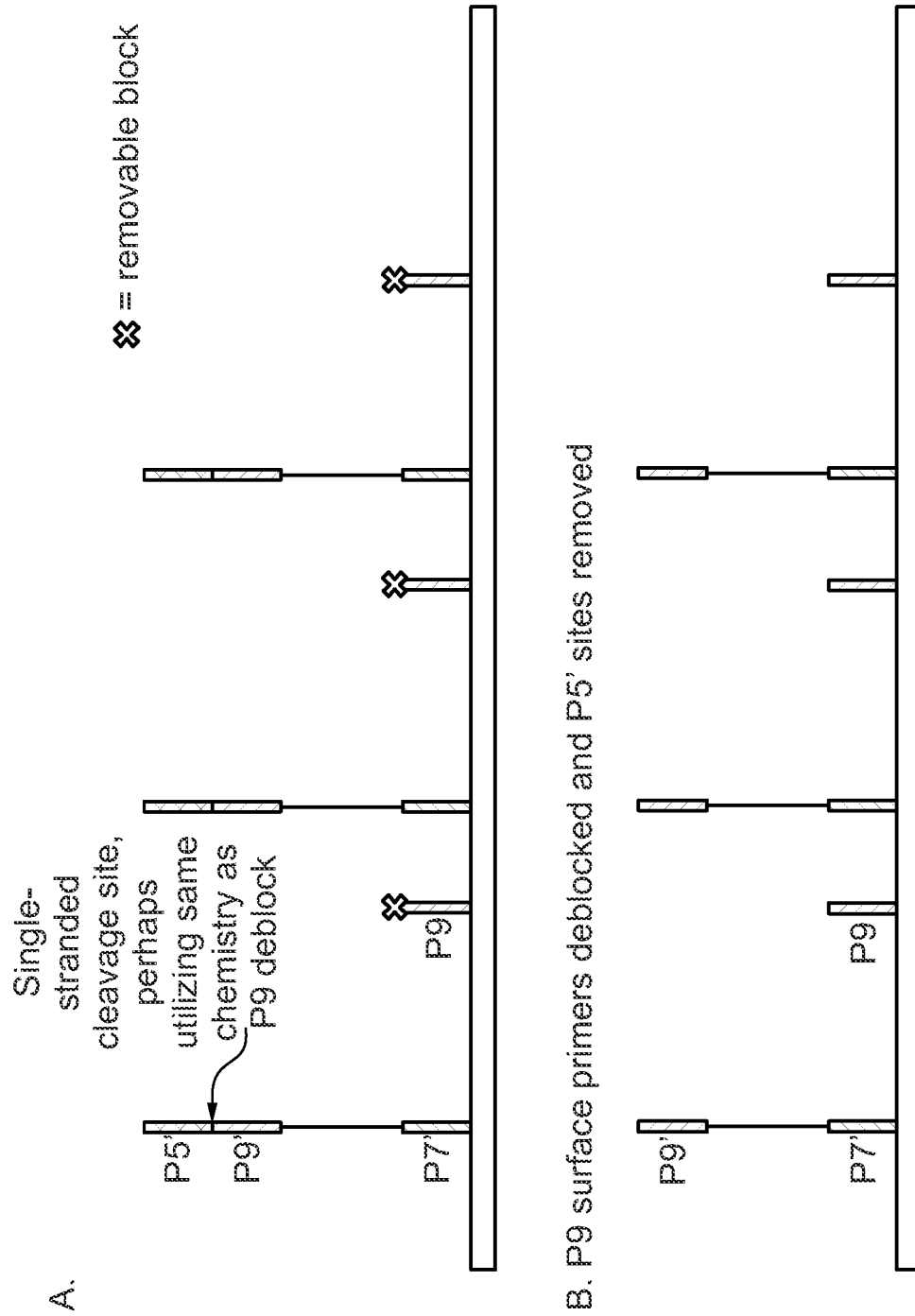
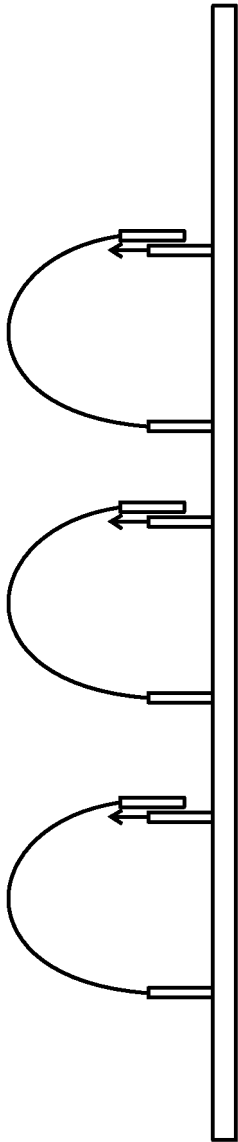


Fig. 5

C. Bridges now form with P9/P9' hybridization, and synthesis of read 2 strands can proceed



D. P7 primers linearized and read 1 molecules removed, read 2 molecules now ready for prep and sequencing

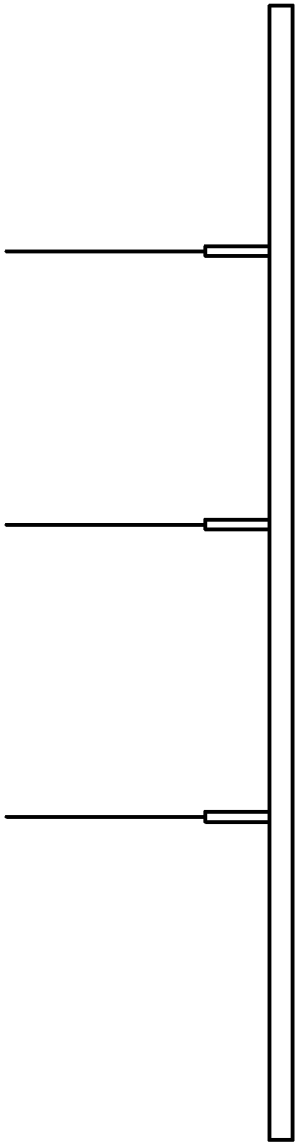


Fig. 6