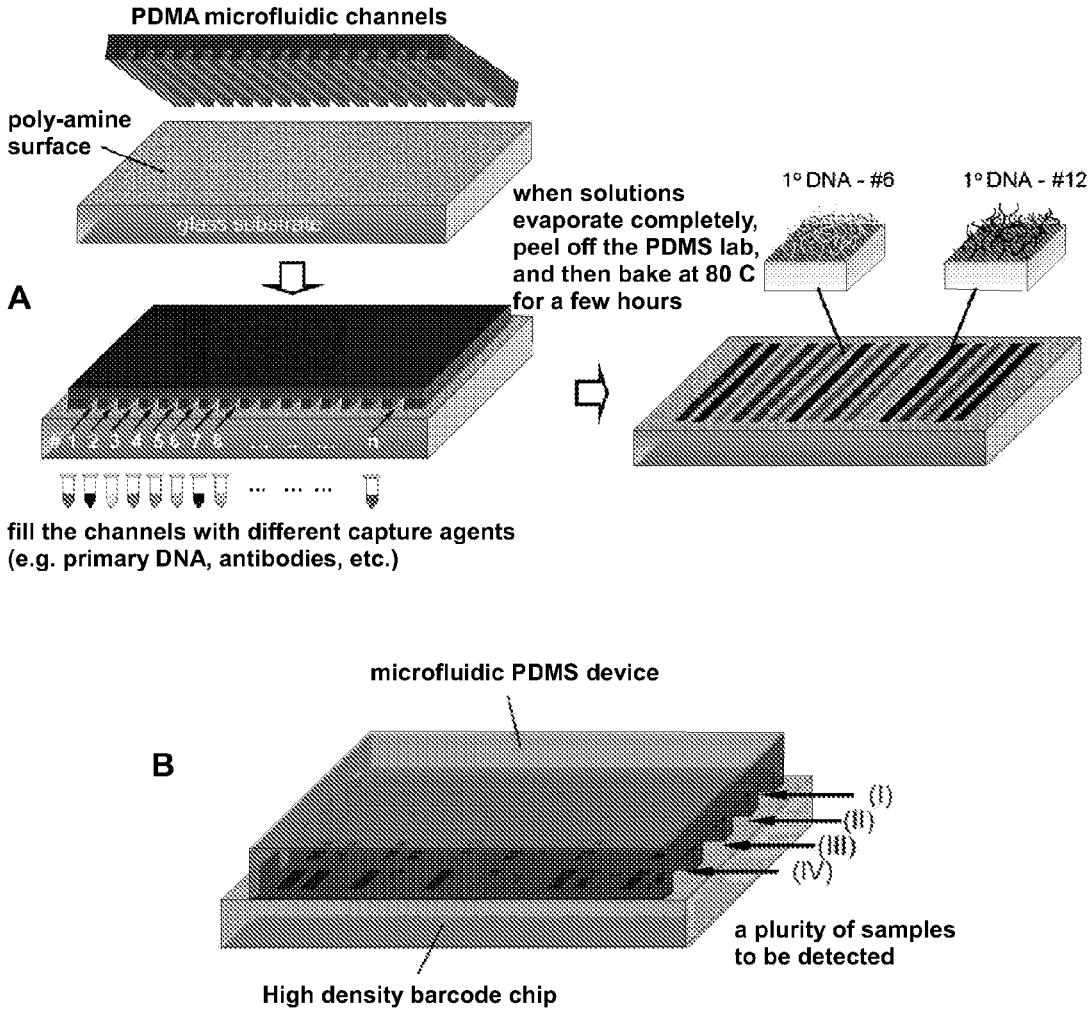
PDMA microfluidic channels
poly-amine surface
glass substrate
A
when solutions evaporate completely, peel off the PDMS lab, and then bake at 80 C for a few hours
1° DNA - #6
1° DNA - #12
fill the channels with different capture agents (e.g. primary DNA, antibodies, etc.)
B
microfluidic PDMS device
(I)
(II)
(III)
(IV)
a plurity of samples to be detected
High density barcode chip

FIG. 13