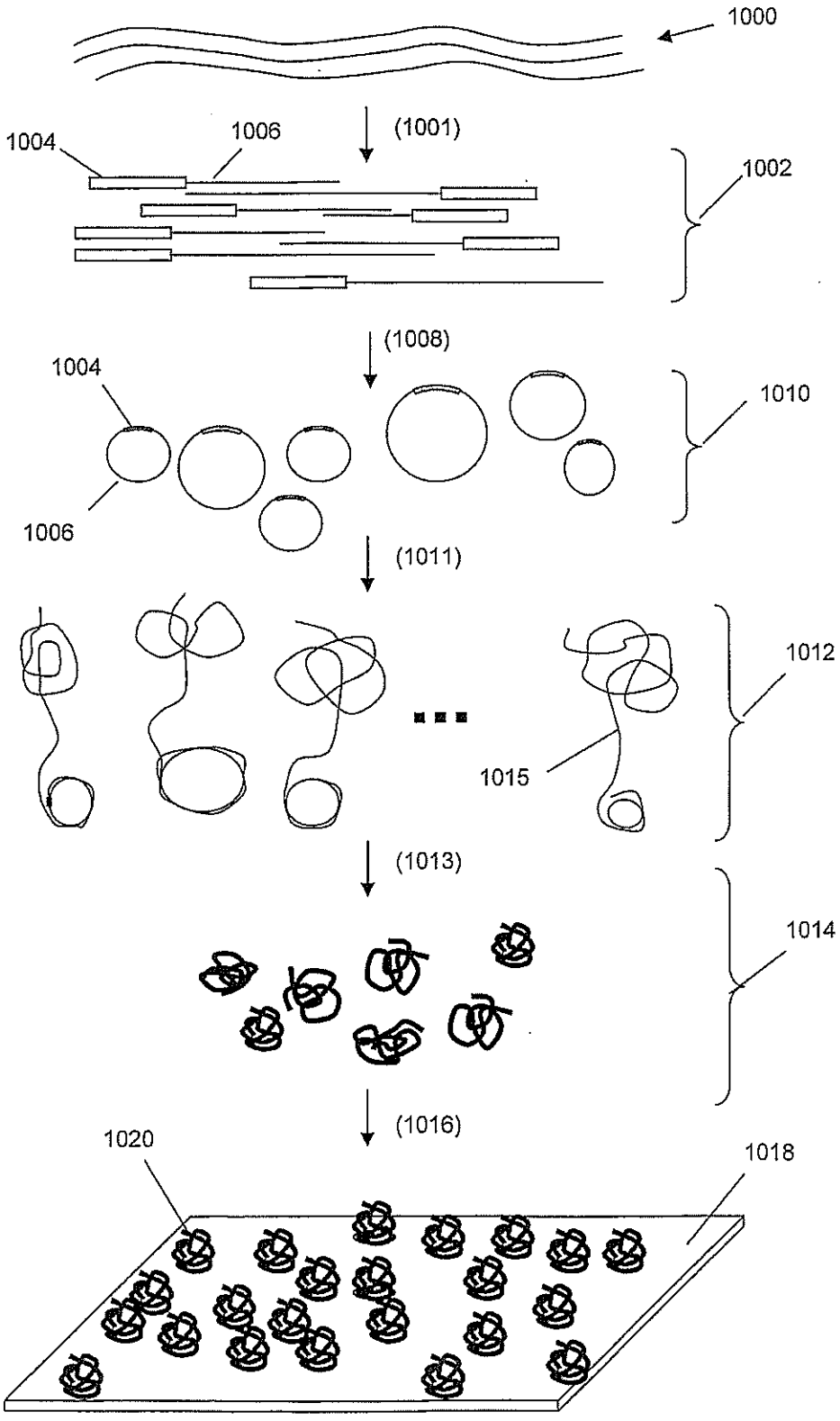

1000
1004
1006
(1001)
1002
(1008)
1004
1010
1006
(1011)
1012
1015
(1013)
1014
(1016)
1020
1018

Fig. 1A

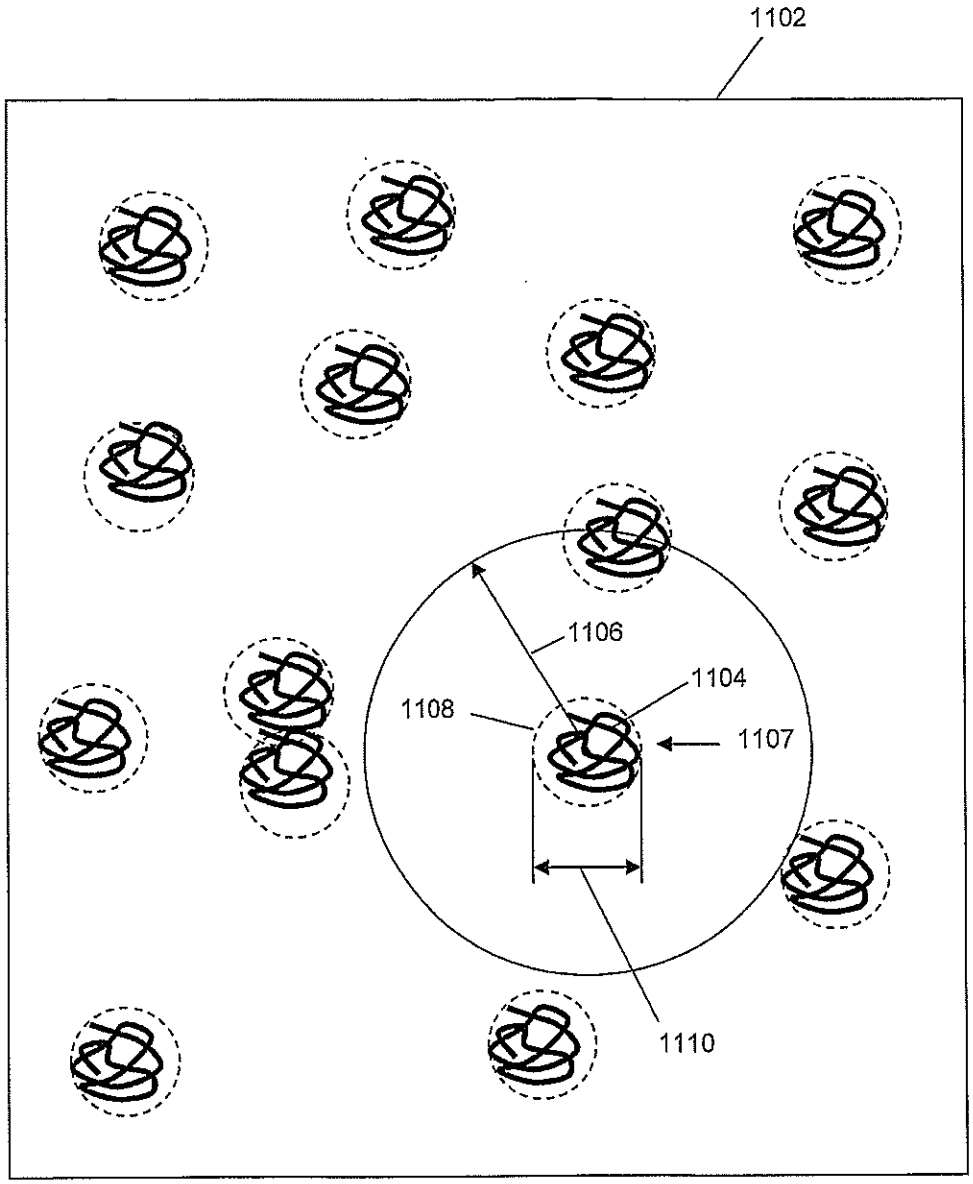



Fig. 1B

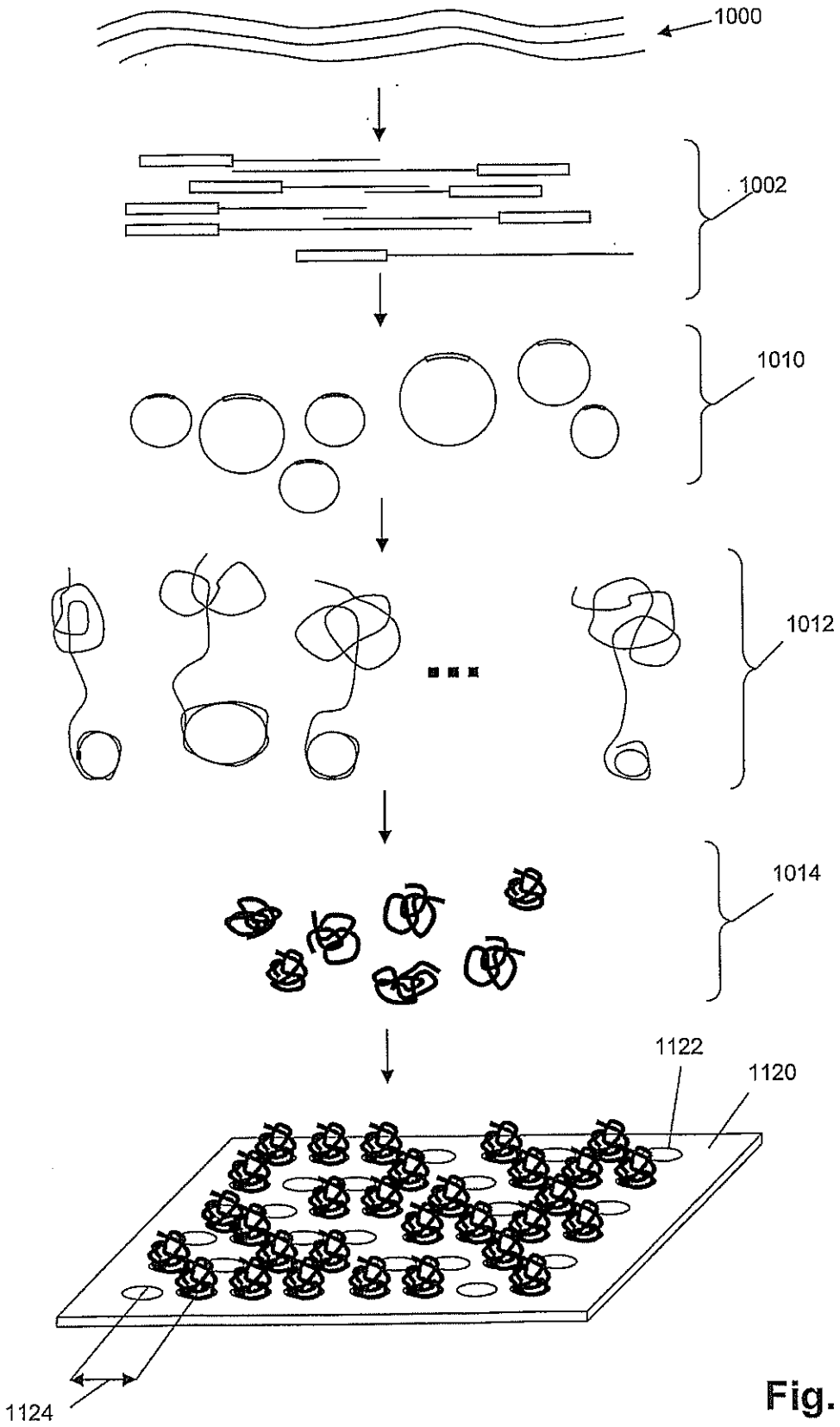



Fig. 1C

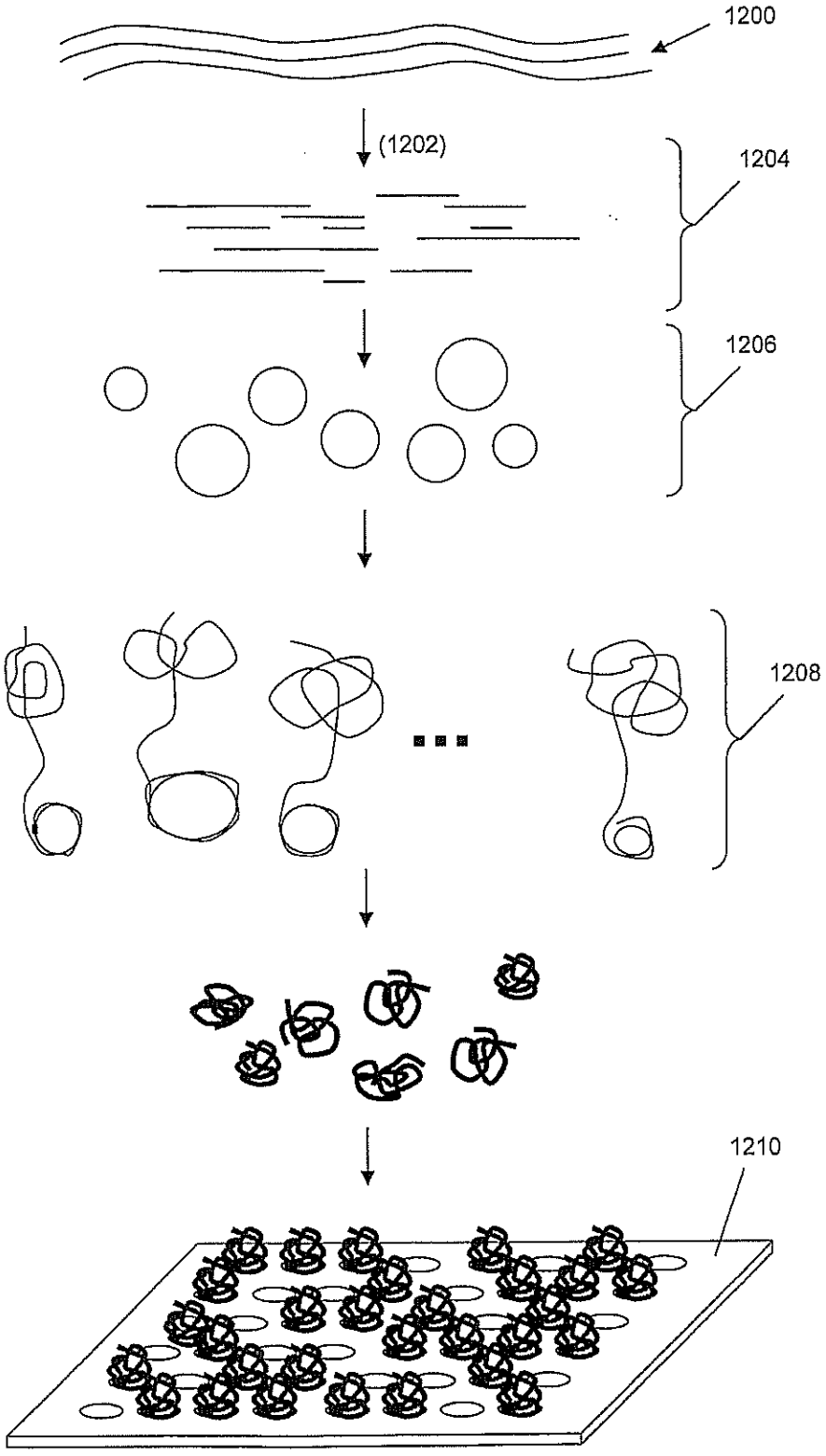



Fig. 1D

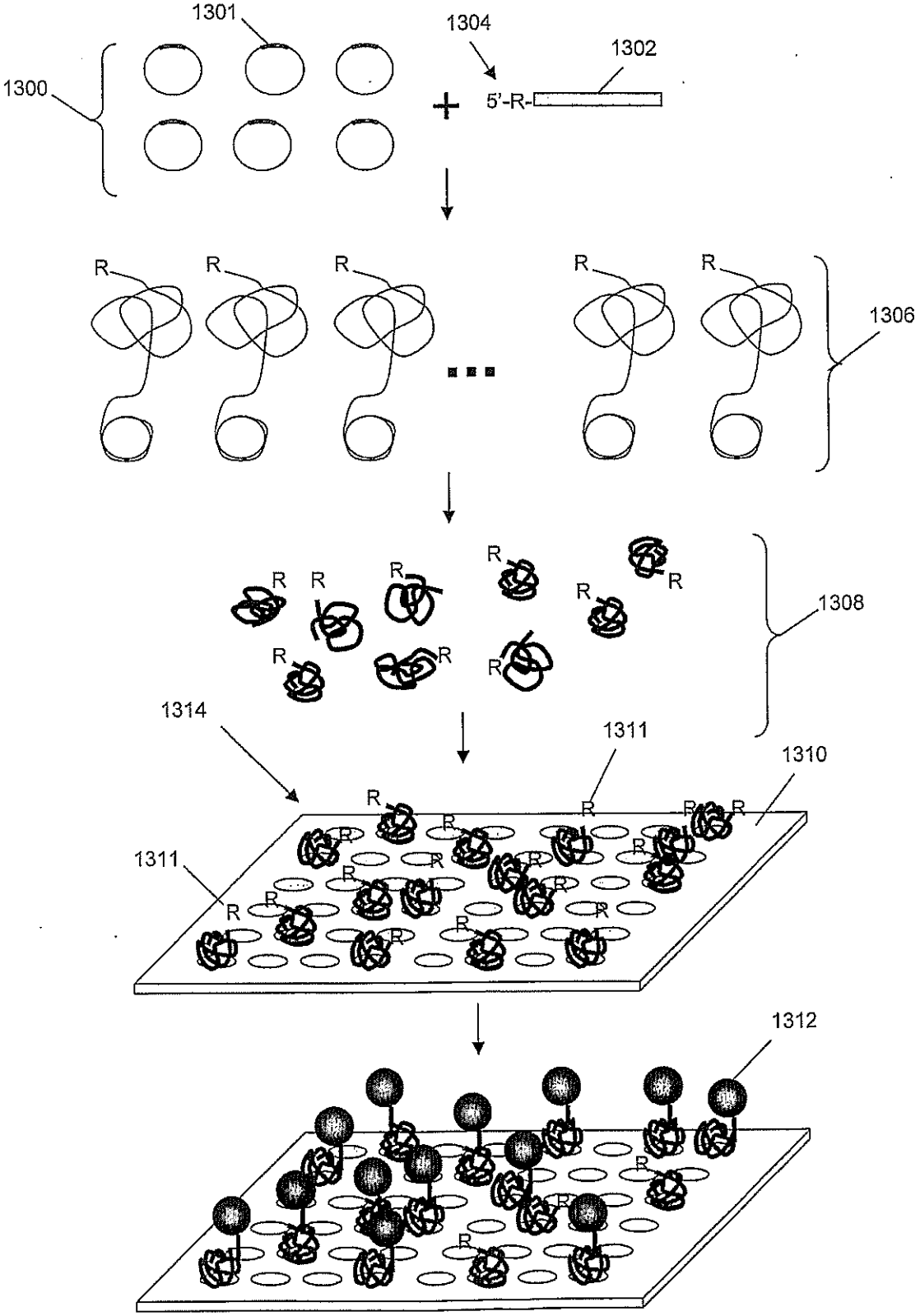



Fig. 1E

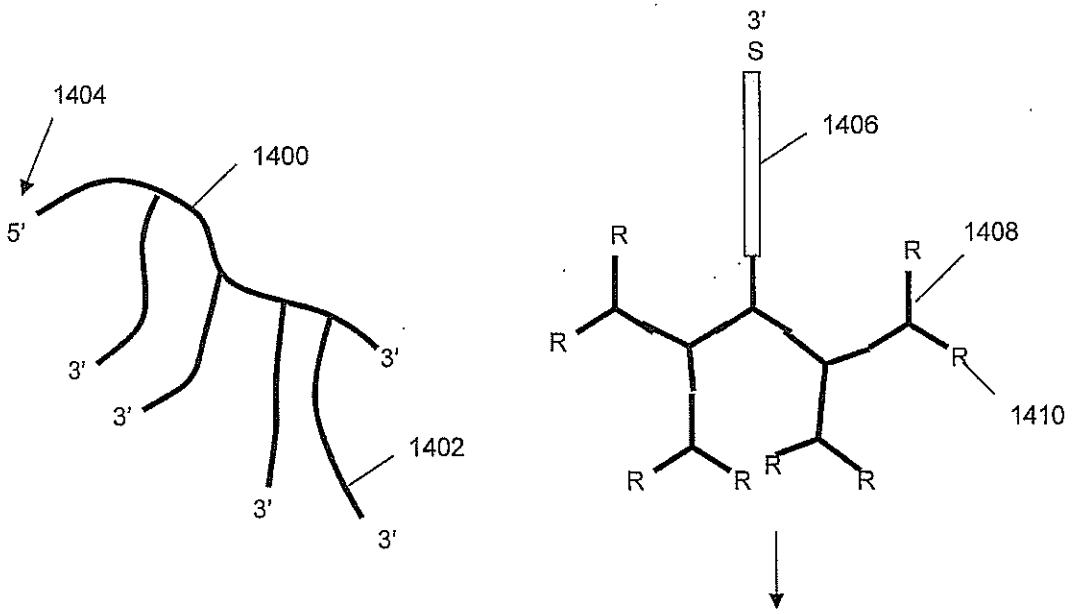

1404
1400
5'
3'
3'
3'
3'
3'
1402
3'
S
1406
R
R
R
1408
R
1410
R
R
R
R

Fig. 1F

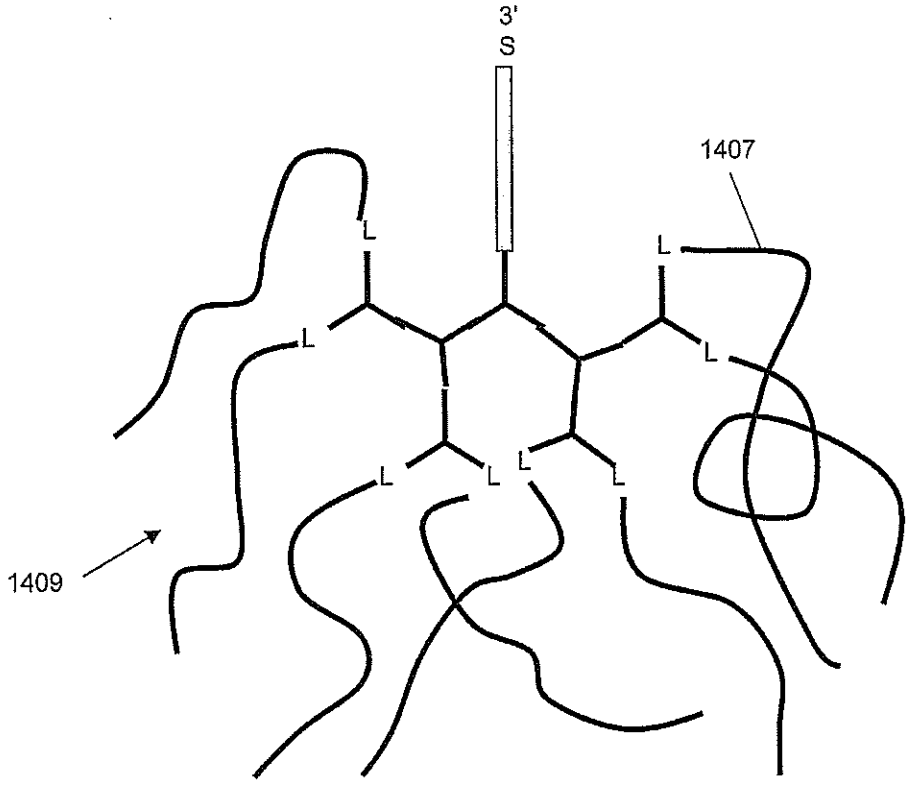

3'
S
1407
L
L
L
L
L
L
L
L
1409

Fig. 1G

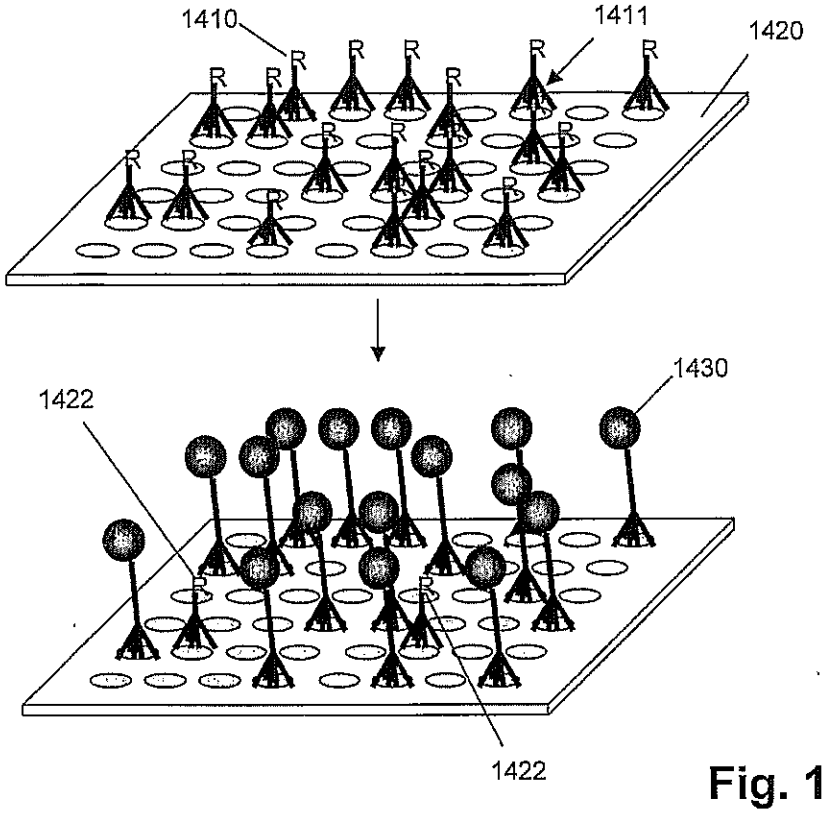



Fig. 1H

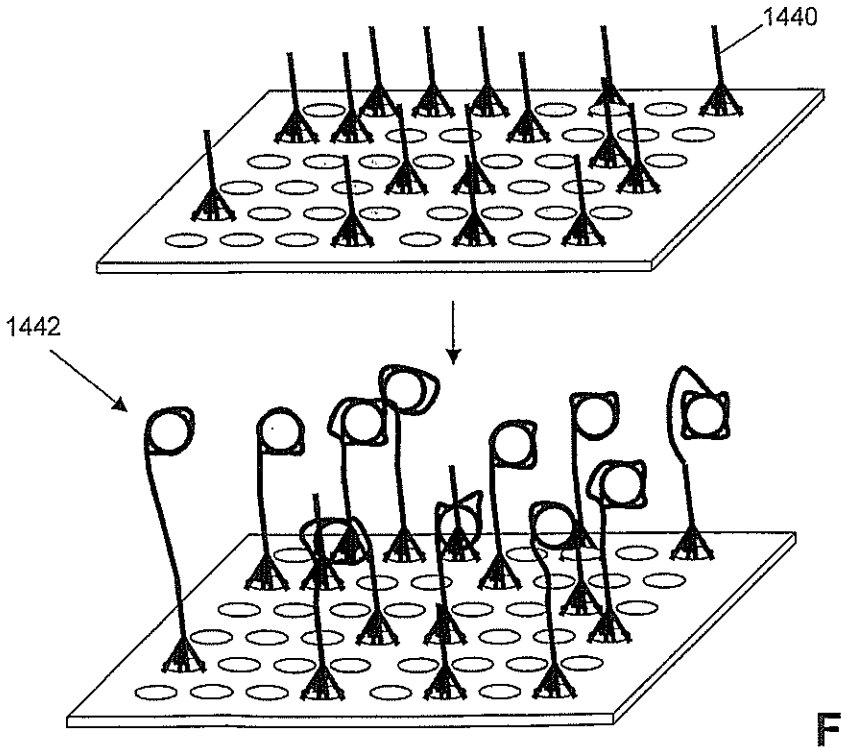
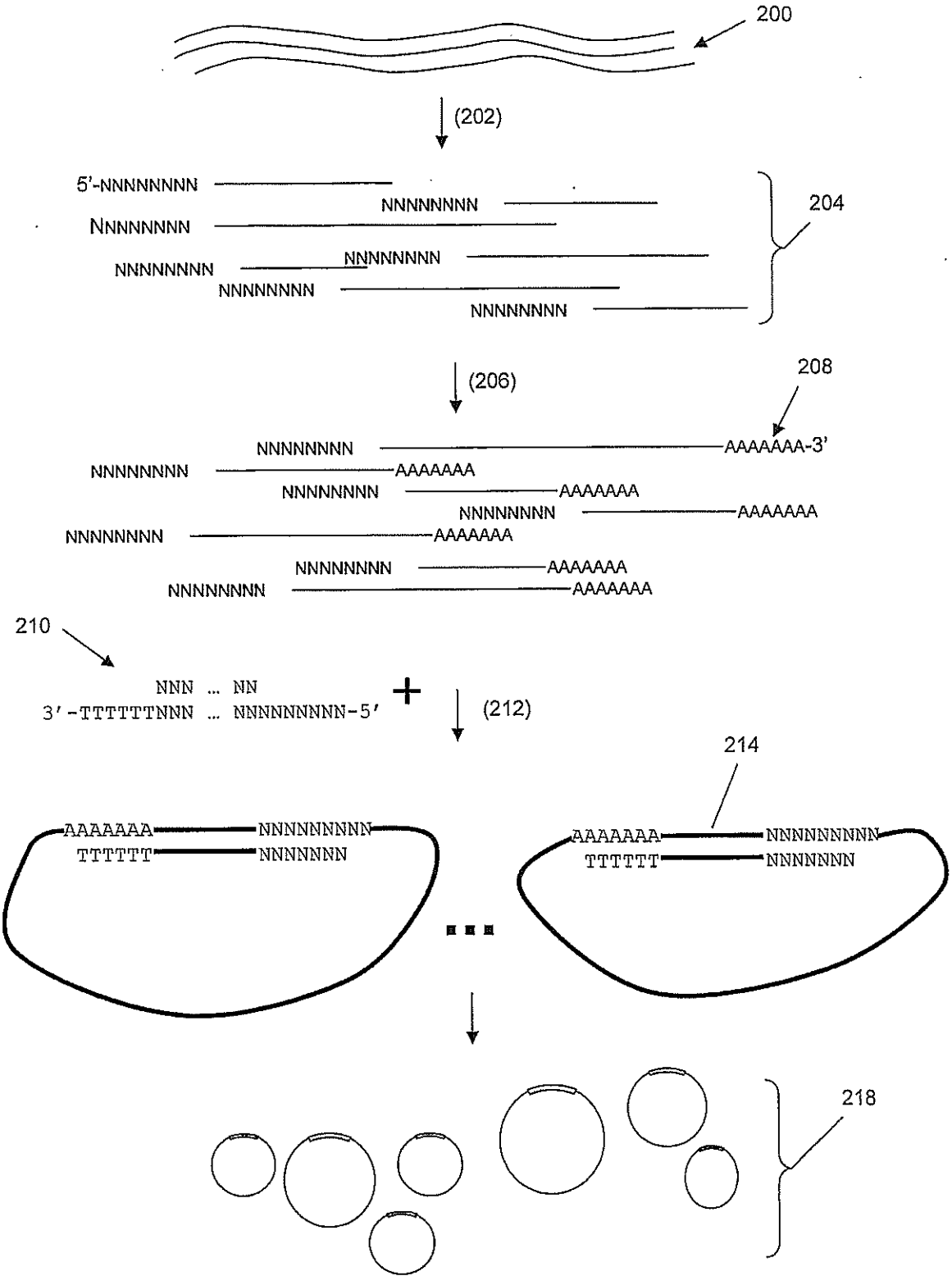



Fig. 1I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(202)
5'-NNNNNNNN
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NNNNNNNN
NNNNNNNN
NNNNNNNN
204
(206)
208
NNNNNNNN
AAAAAAA-3'
NNNNNNNN
AAAAAAA
NNNNNNNN
AAAAAAA
NNNNNNNN
AAAAAAA
NNNNNNNN
AAAAAAA
NNNNNNNN
AAAAAAA
NNNNNNNN
AAAAAAA
210
NNN ... NN
3'-TTTTTTNNN ... NNNNNNNNN-5'
(212)
214
AAAAAAA
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TTTTTT
NNNNNNN
AAAAAAA
NNNNNNNNN
TTTTTT
NNNNNNN
218

Fig. 2A

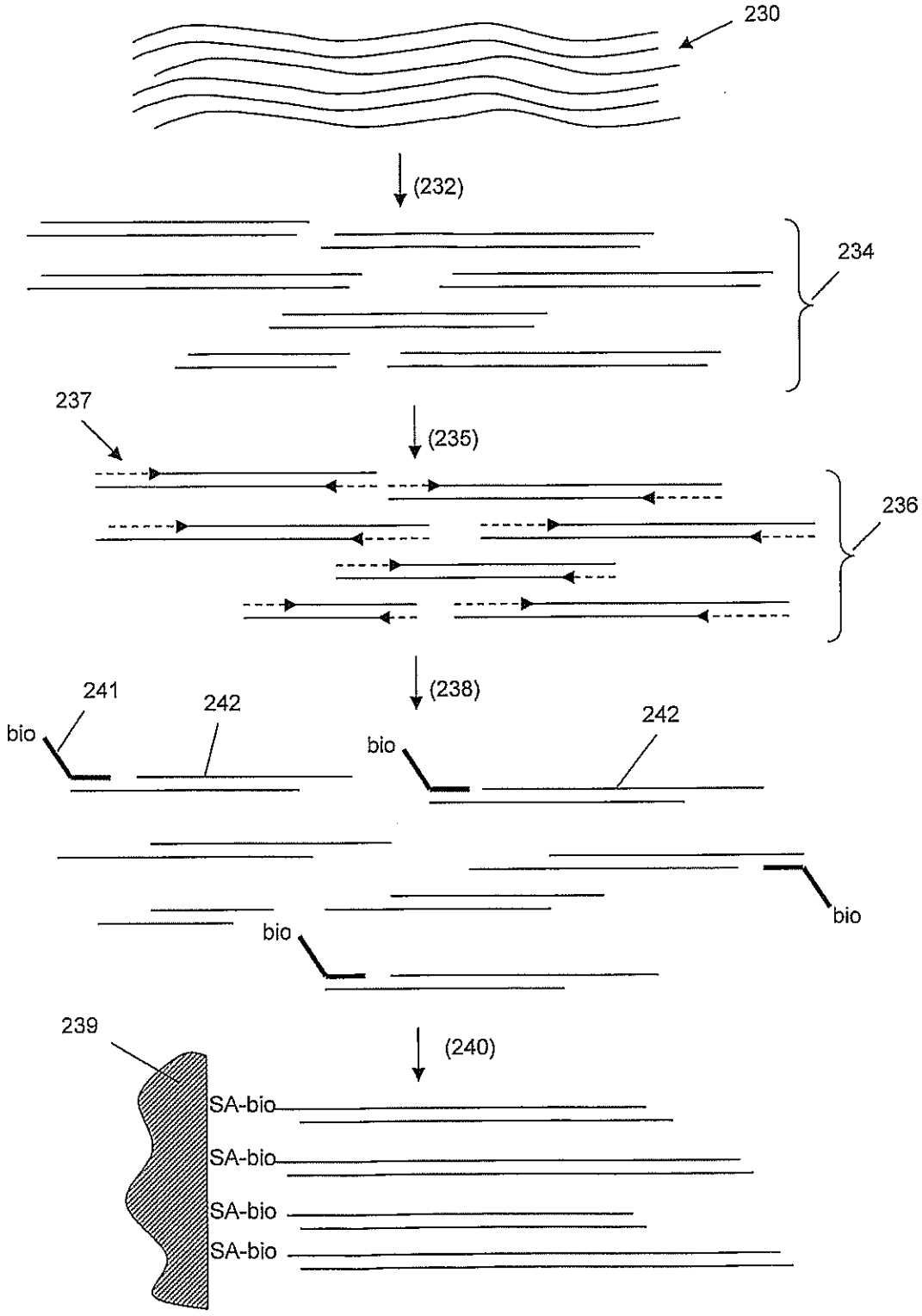
230
(232)
234
237
(235)
236
241
242
bio
242
bio
bio
bio
239
(240)
SA-bio
SA-bio
SA-bio
SA-bio

Fig. 2B

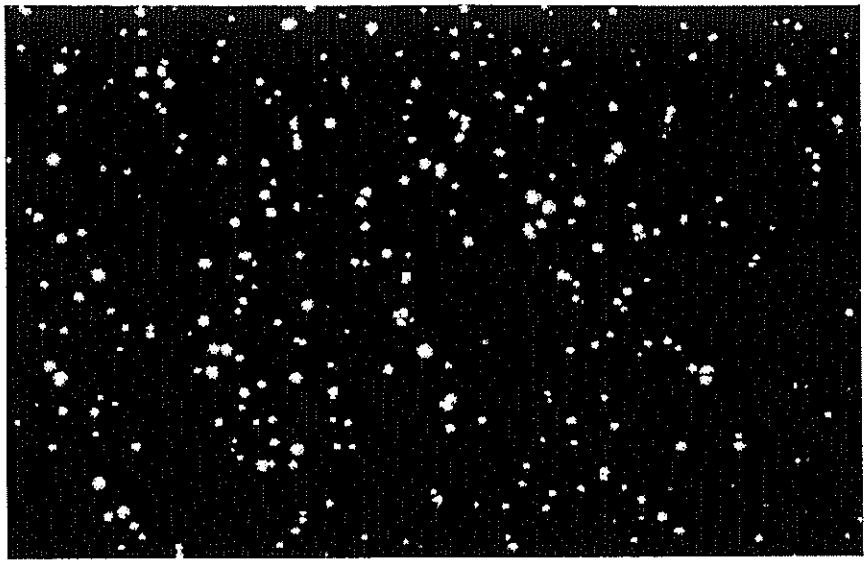

Fig. 3

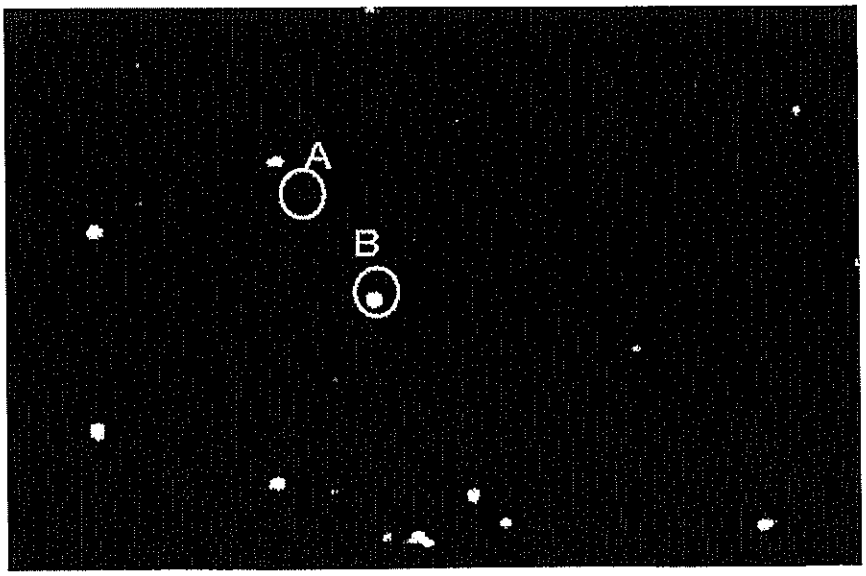


Fig. 4

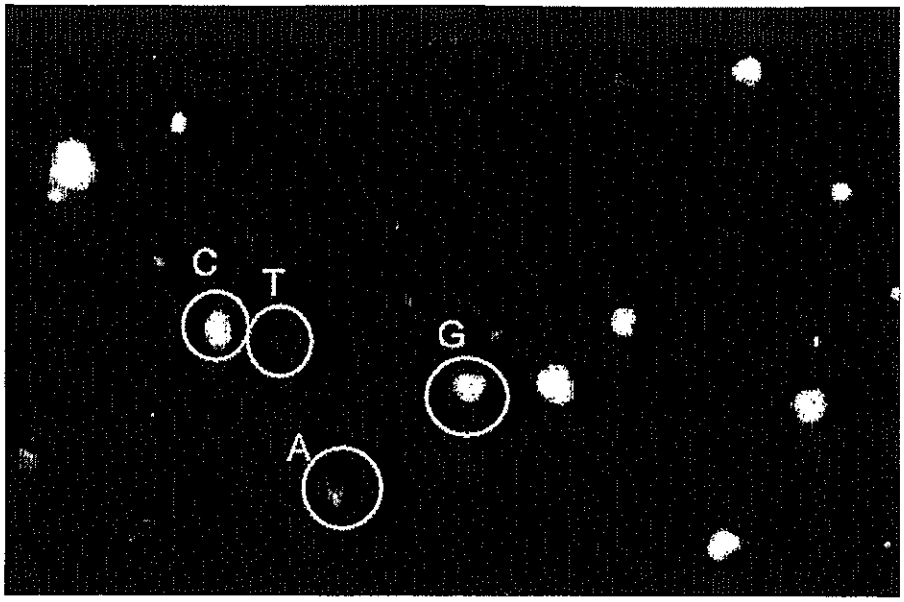


Fig. 5

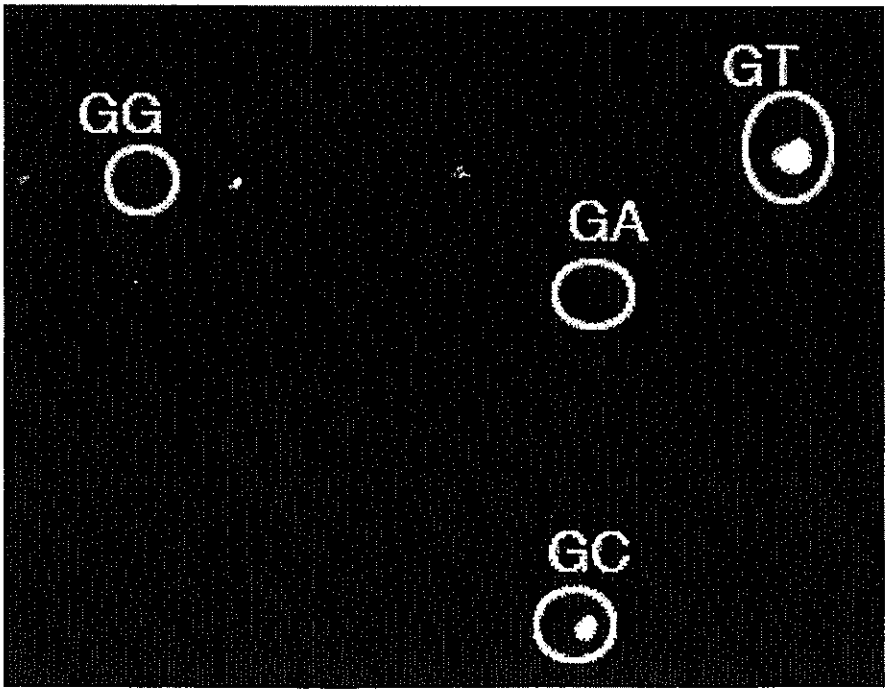


Fig. 6

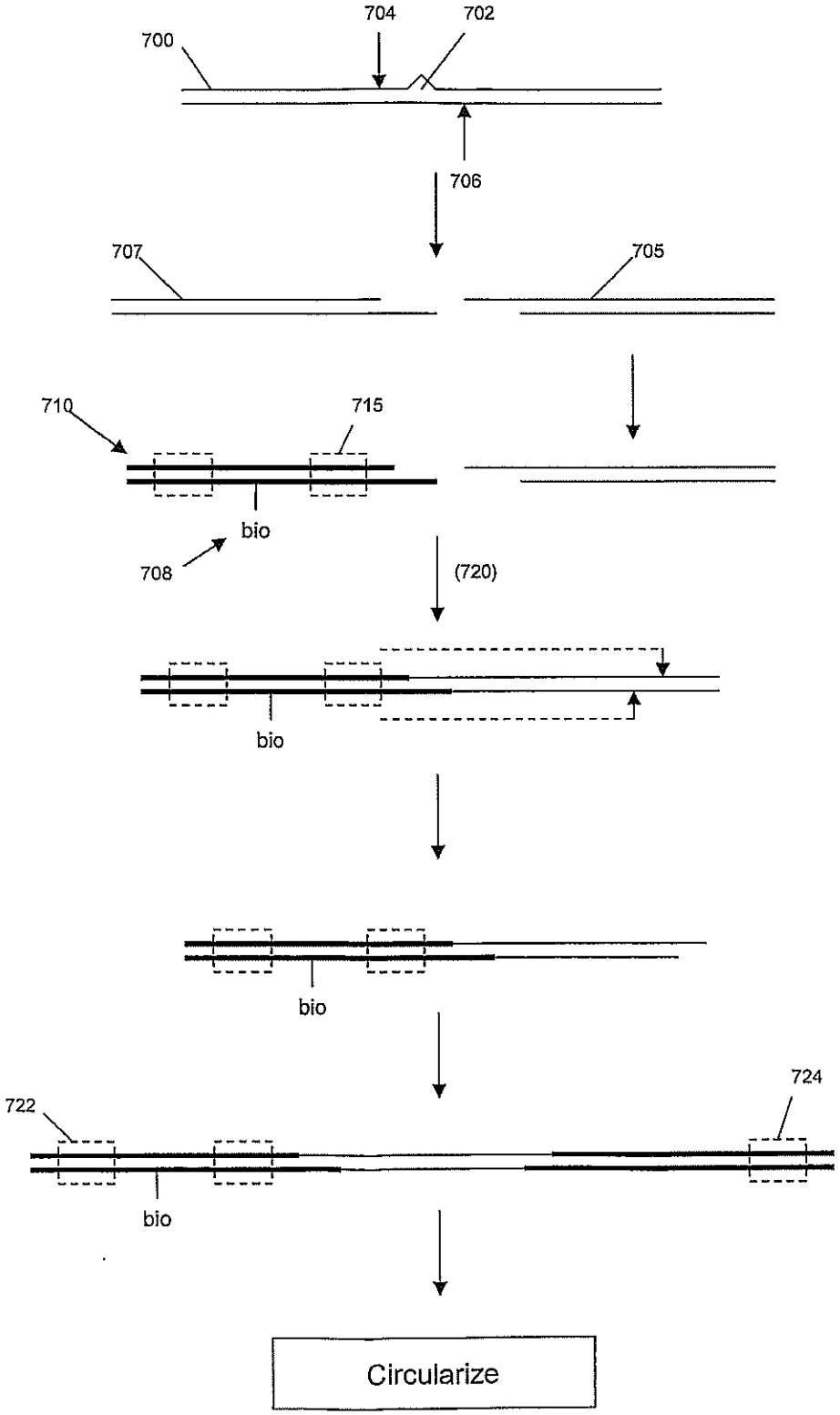
704
702
700
706
707
705
710
715
bio
708
(720)
bio
bio
724
722
bio
Circularize

Fig. 7

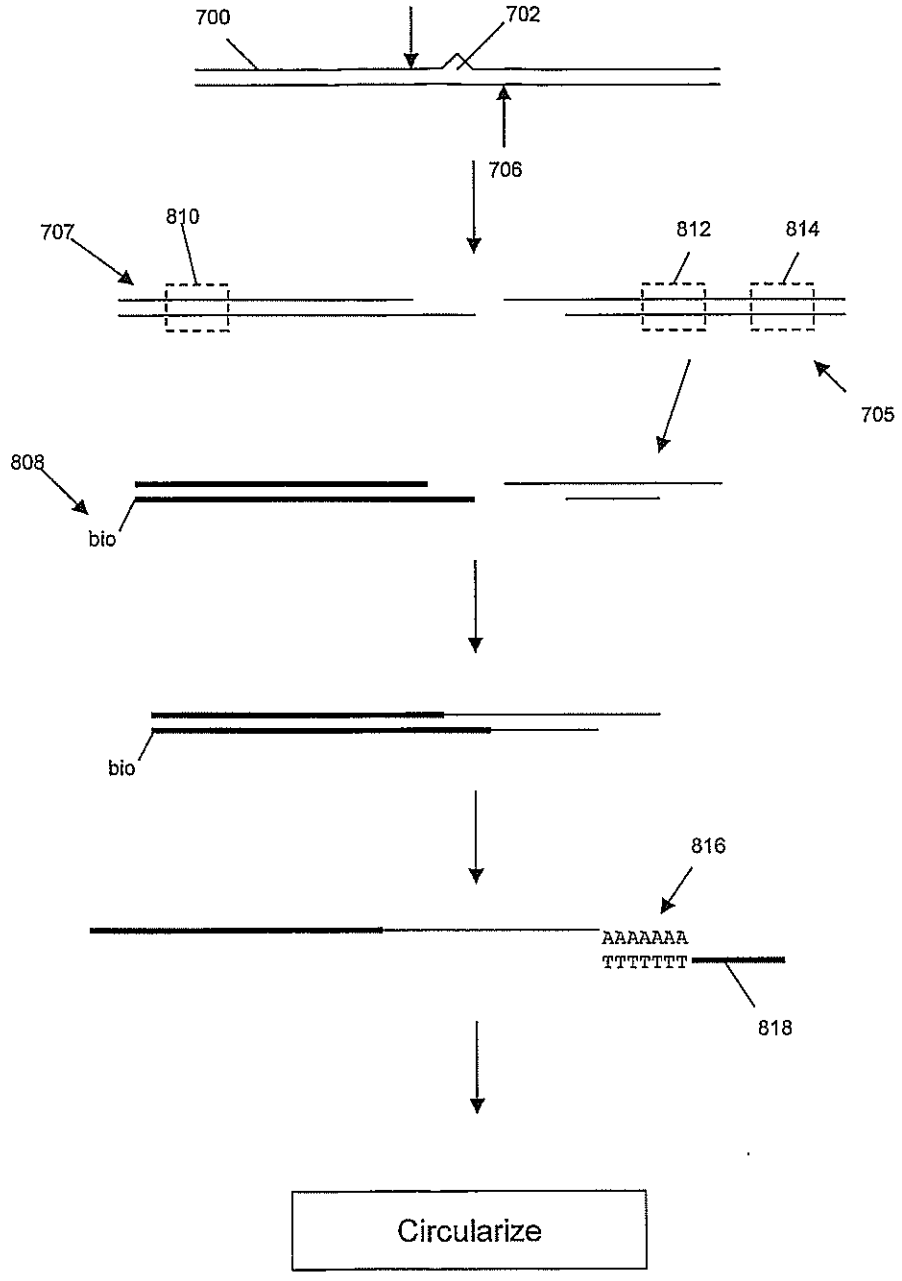
700
702
706
707
810
812
814
705
808
bio
bio
816
AAAAAAA
TTTTTTT
818
Circularize

Fig. 8