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- (71) **Applicant: TOUCHLIGHT IP LIMITED** [GB/GB];
Morelands And Riverdale Buildings, Lower Sunbury Road,
Hampton TW12 2ER (GB).
- (72) **Inventors: ROTHWELL, Paul James;** c/o Touchlight IP
Limited, Morelands And Riverdale Buildings, Lower Sun-
bury Road, Hampton TW12 2ER (GB). **LAURA, Gem-
ma Enrica Samiyah;** c/o Touchlight IP Limited, Morelands
And Riverdale Buildings, Lower Sunbury Road, Hampton
TW12 2ER (GB). **GAZDA, Livia Diana;** c/o Touchlight IP
Limited, Morelands And Riverdale Buildings, Lower Sun-
bury Road, Hampton TW12 2ER (GB). **KAYYAR, Bha-
vana;** c/o Touchlight IP Limited, Morelands And Riverdale

Buildings, Lower Sunbury Road, Hampton TW12 2ER
(GB).

- (74) **Agent: STRATAGEM IPM LIMITED;** Meridian Court,
Comberton Road, Toft, Cambridge CB23 2RY (GB).

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(54) **Title:** DUPLEXING METHOD

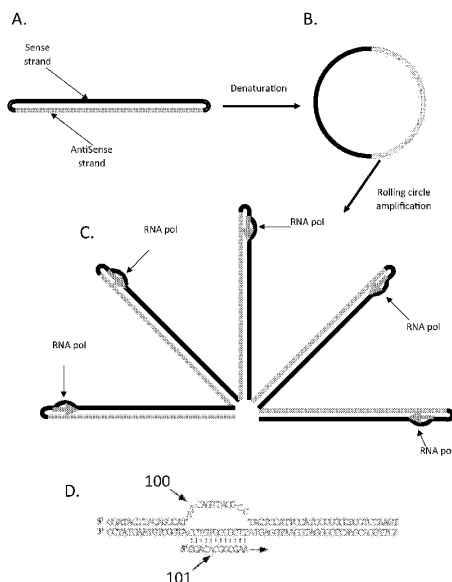


FIG. 5

(57) **Abstract:** The present invention relates to an improvement to cell-free, in vitro processes that involve the generation of single-stranded nucleic acid concatemers, where these concatemers favour folding into secondary structures due to the presence of stretches of self-complementary sequence. Single stranded concatemers may be produced via rolling circle amplification of a template nucleic acid under certain conditions. The self-annealing and folding of these single-stranded concatemers can frustrate the use of these concatemers for further isolation or product production, particularly where it is desired to make double stranded DNA. The present invention addresses this need by providing a simple and elegant way to ensure that the single stranded nucleic acid concatemer can effectively be duplexed, even if it forms complex self-annealed structures.

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