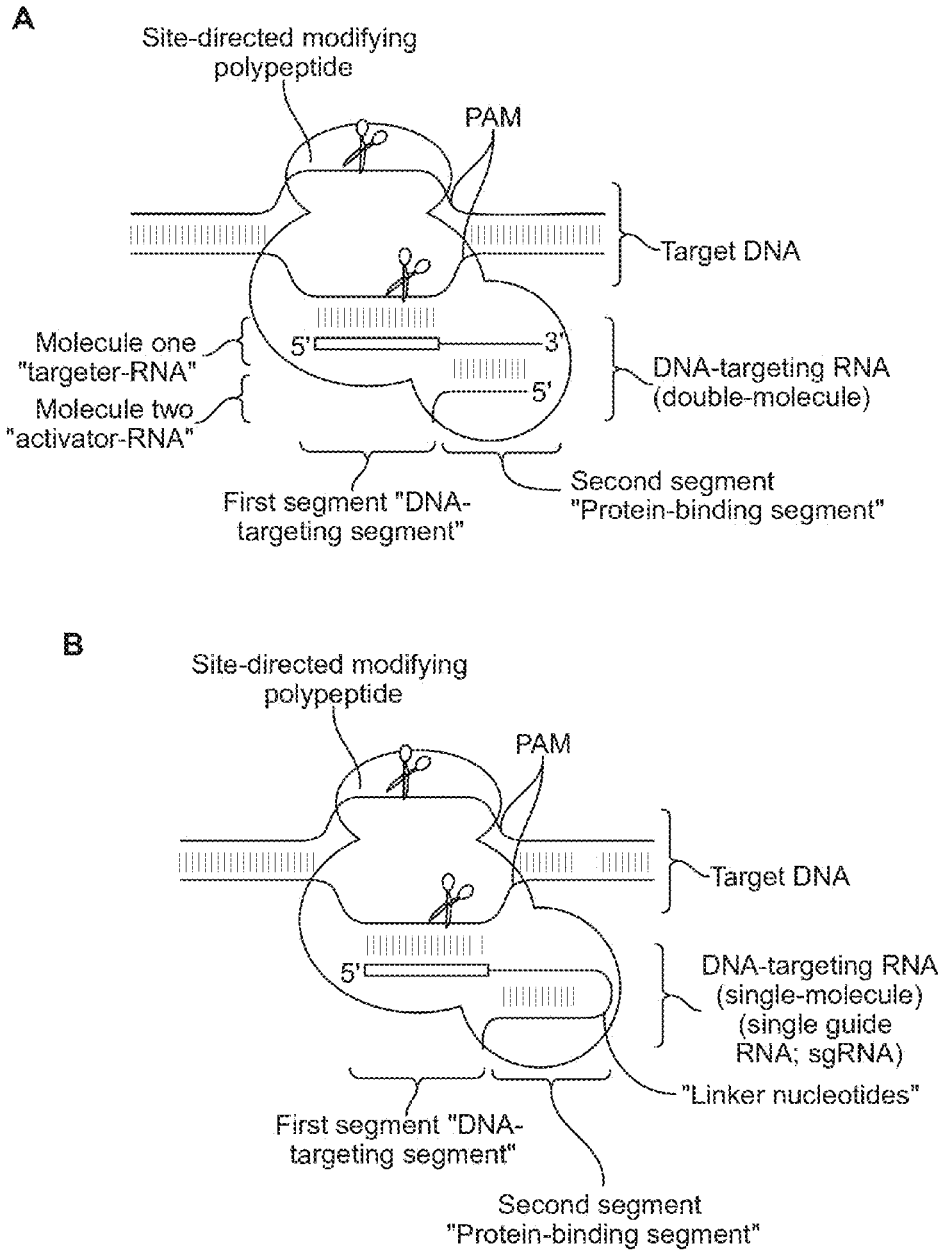
A
Site-directed modifying polypeptide
PAM
Target DNA
Molecule one "targeter-RNA"
Molecule two "activator-RNA"
5'
3'
5'
DNA-targeting RNA (double-molecule)
First segment "DNA-targeting segment"
Second segment "Protein-binding segment"
B
Site-directed modifying polypeptide
PAM
Target DNA
5'
DNA-targeting RNA (single-molecule) (single guide RNA; sgRNA)
"Linker nucleotides"
First segment "DNA-targeting segment"
Second segment "Protein-binding segment"

FIG. 1