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(71) Applicant: **PAIRWISE PLANTS SERVICES, INC.** [US/US]; 807 East Main Street, Suite 4-100, Durham, North Carolina 27701 (US).

(72) Inventors: **KIM, Yongjoo**; 114 Sir Richard Lane, Chapel Hill, North Carolina 27517 (US). **WATTS, Joseph Matthew**; 115 Lyric Court, Cary, North Carolina 27519 (US). **HUMMEL, Aaron**; 2117 Rhine Road, Hillsborough, North Carolina 27278 (US). **LAWIT, Shai Joshua**; 3824 River Stone Road, Durham, North Carolina 27705 (US). **SCHWARK, David**; 1004 Marston Court, Apex, North Carolina 27502 (US).

(74) Agent: **MYERS BIGEL, P.A.**; PO Box 37428, Raleigh, North Carolina 27627 (US).

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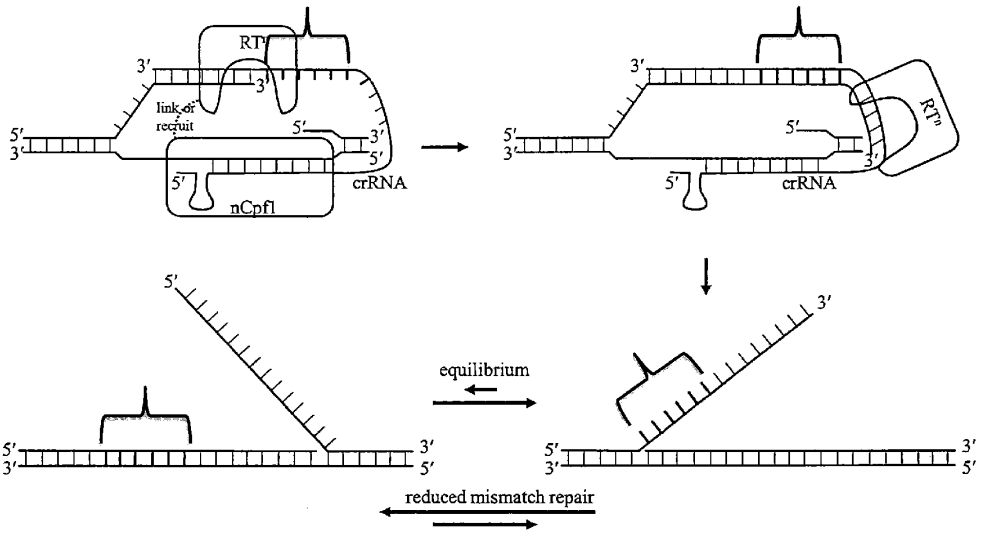


*FIG. 1*

(57) Abstract: This invention relates to recombinant nucleic constructs comprising CRISPR-Cas effector proteins, reverse transcriptases and extended guide nucleic acids and methods of use thereof for modifying nucleic acids in plants.

*[Continued on next page]*

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