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- (71) **Applicant:** **INTREXON CORPORATION** [US/US];
1750 Kraft Drive, Suite 1400, Blacksburg, Virginia 24060 (US).
- (72) **Inventors:** **JIA, Lei**; 1043 Mountain Oak Pl., Newbury Park, California 91320 (US). **REED, Charles**; 134 Skip-pack Creek Rd., Souderton, Pennsylvania 18964 (US). **KURELLA, Vinodhbabu**; 9811 Gable Ridge Terrace, Apt. C, Rockville, Maryland 20850 (US).
- (74) **Agents:** **MEYER, Mercedes K.** et al.; Drinker Biddle & Reath LLP, 1500 K Street, N.W., Suite 1100, Washington, District of Columbia 20005 (US).

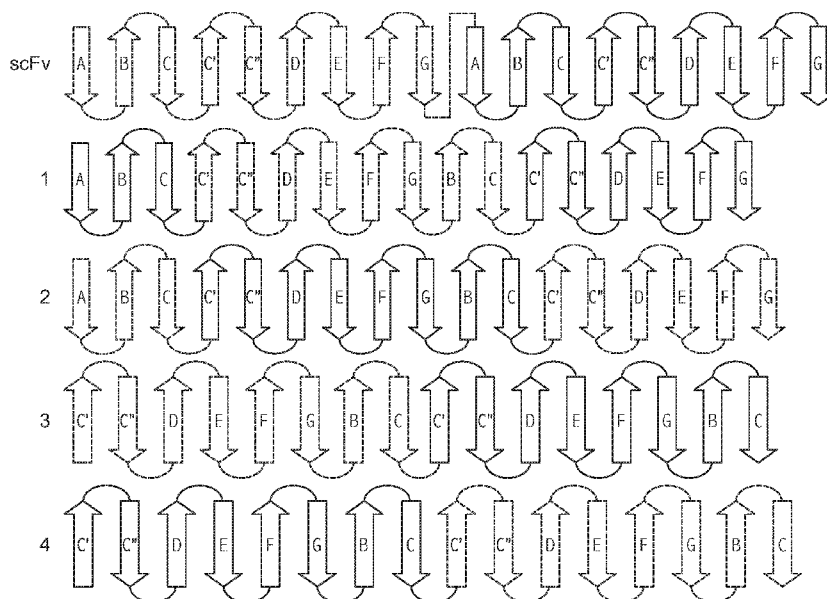
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(54) **Title:** INTERCALATED SINGLE-CHAIN VARIABLE FRAGMENTS

FIG. 2



(57) **Abstract:** Single chain antibody polypeptides with engineered peptide bond crossovers in the light chain and/or heavy chain variable domains, compositions comprising the same, and methods of making and using the same are provided. The antibody polypeptides can be intercalated (crossover) single chain variable fragments (scFvs) or any antibody frameworks which comprise such scFvs, such as diabodies, bispecific antibodies or bssFvs. The single chain antibody polypeptides may or may not contain a linker. The single chain antibody polypeptides are useful in applications where standard (conventional) scFvs are useful, such as in the development of scFv libraries for screening, as therapeutic antibodies, or in in vitro and in vivo targeting applications.