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(71) Applicant: **TRIBIOTICA LLC** [US/US]; 1202 Ann Street, Madison, Wisconsin 53713 (US).

(72) Inventors: **DUNN, Ian**; 28 Waterloo Road, North Epping, Sydney, Australian Capital Territory NSW2121 (AU). **LAWLER, Matthew**; 1225 Seminole Hwy, Madison, Wisconsin 53711 (US).

(74) Agent: **LEGAARD, Paul K.**; Pepper Hamilton LLP, 400 Berwyn Park, 899 Cassatt Road, Berwyn, Pennsylvania 19312 (US).

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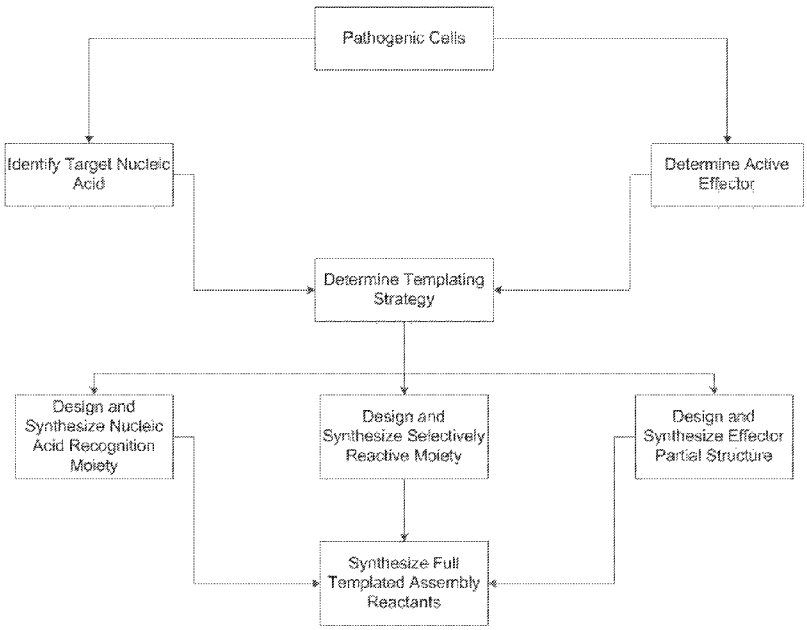


Figure 3

(57) Abstract: The present disclosure is directed methods and products for synthesizing and using targeted templated assembly reactants comprising at least one nucleic acid recognition moiety, at least one selectively-reactive moiety, and at least one effector partial moiety. The nucleic acid recognition moiety can bind a target nucleic acid sequence within a sample. The nucleic acid recognition moiety also can bind the selectively-reactive moiety. Additionally, the effector partial moiety can bind the selectively-reactive moiety to produce an active effector structure. Also disclosed are methods of delivering the targeted templated assembly reactants and active effector structures formed from the targeted templated assembly reactants.

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