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(71) Applicant *(for all designated States except US)*: **JOHNSON & JOHNSON RESEARCH PTY LIMITED** [AU/AU]; Level 4/1 Central Avenue, Eveleigh, New South Wales 1430 (AU).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **TODD, Alison, Velyian** [AU/AU]; 10 Coneill Place, Glebe, NSW 2037 (AU). **MOKANY, Elisa** [AU/AU]; 1/3a Trickett Road, Woolooware, NSW 2230 (AU). **DOAN, Tram, Bich** [AU/AU]; 231 Hamilton Road, Fairfield West, NSW 2165 (AU). **YOUNG, Paul, Ean** [AU/AU]; 53 Laurina Avenue, Engadine, NSW 2233 (AU). **SWAIN, Helen, Anne** [AU/AU]; 18/1 Spains Wharf Road, Neutral Bay, NSW 2089 (AU).

(74) Agent: **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

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(54) Title: NUCLEIC ACID ENZYMES AND COMPLEXES AND METHODS FOR THEIR USE

(57) Abstract: The present invention relates to methods that utilise multi-component nucleic acid complex (MNA complex) cascades. The MNA complexes may have cleavage or ligase activity. Further, the invention provides cascades which may include one or more DNAzymes. The invention also provides methods which use these cascades for the identification, detection and quantification of targets.