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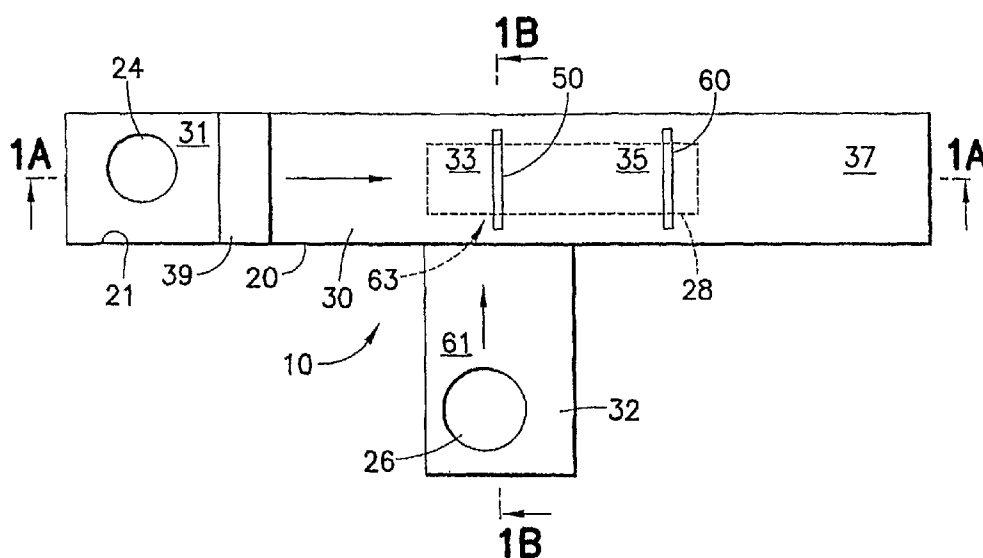
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(54) Title: DUAL PATH IMMUNOASSAY DEVICE



(57) Abstract: The systems of the invention include test cells with a first sorbent material defining a first flow path for a solution, a second sorbent material defining a second flow path distinct from the first flow path for a sample, and a test site with immobilized antigens or antibodies or other ligand binding molecules such as aptamers, nucleic acids, etc. located at the junction of the first and second sorbent materials for identifying one or more ligands. The first and second sorbent strips touch each other at the test site location. The test cell may be used to test for pregnancy, HIV (including different HIV antigens or peptides), tuberculosis, prion, urin- analysis/drug, cardiac markers, cancer markers, Chagas, Chlamydia, dental bacteria (SM/LC), influenza A, influenza B, adenovirus, rotavirus, strep A, other bacteria or viruses, etc., and veterinary applications such as CPV, FIV, FeLV, heartworm, etc., although it is not limited to those applications.



WO 2006/099191 A3



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