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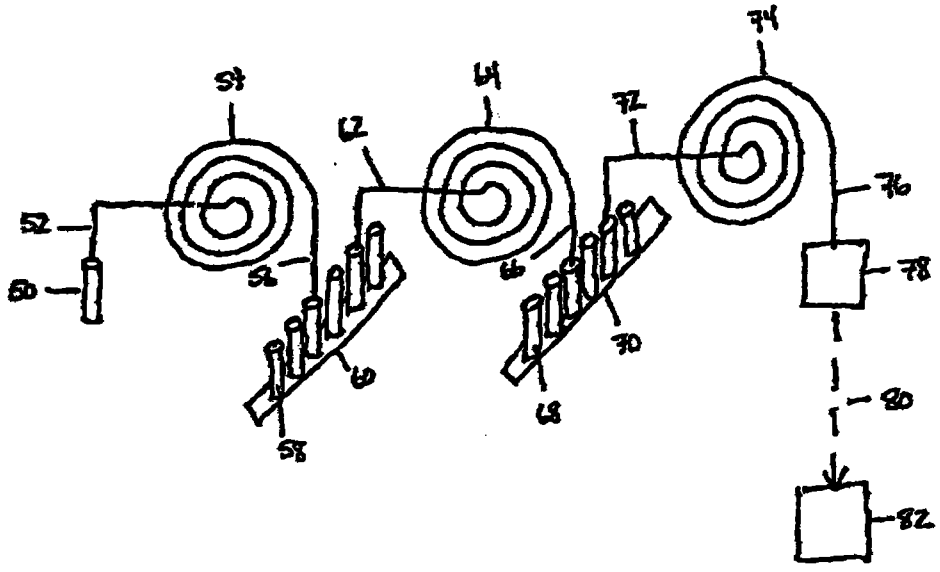
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(57) Abstract

The invention provides methods, compositions, apparatus, and a computer data retrieval system for conducting proteomics and metabolic profiling on biological samples. One apparatus comprises: a sample container (50); a plurality of separation capillaries (54, 64, 74); a plurality of fraction collection devices (60, 70); a detector (78); and an analyzer (82).