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Nota di contenuto	Intro -- Preface -- Contents -- Chapter 1: Ocular Anatomy -- How Does the Eye Work? -- Chapter 2: Light Scattering -- Summary of Light Scattering in the Eye -- Cornea -- Lens -- Vitreous -- Retina -- Chapter 3: Dynamic Light Scattering (DLS) Spectroscopy -- Analysis -- Cumulant Method -- CONTIN Algorithm -- Further Reading -- Chapter 4: Animal Experiments -- Chapter 5: Human Studies -- Chapter 6: Neurologic Diseases: Protocol -- Introduction -- Type of Research -- Purpose and Objective of the Study -- Background of the Study -- Study Rationale -- Participant Selection -- Study Design/Method/Procedures -- Summary of Research Design -- Performance of Measurements -- General Side Effects -- Collection and Used of Data -- Analysis of Study Results -- Storage of Data -- Confidentiality of Data -- Risk/Benefit Assessment -- Adverse Events -- Benefits -- Participant Recruitment and Informed Consent -- Recruiting -- Length of Study -- Informed Consent/Assent -- Chapter 7: Neurologic Diseases: Informed Consent -- Introduction -- Terms of the Study -- Reproductive Information for Females -- Benefits/Outcome of Treatment -- Description of Procedure -- Cost -- Collection and Use of Data -- Confidentiality of Records -- Available Information -- Termination -- Participant Statement and Authorization -- Chapter 8: Patents: Apparatus for the Detection of Diabetes and Other Abnormalities Affecting the Lens of the Eye -- Related U.

S. Patent Documents -- References Cited [Referenced by] -- U.S. Patent Documents -- Other References -- Parent Case Text -- Cross-reference to Related Applications -- Claims -- I Claim -- Description -- Field of the Invention -- Background of the Invention -- Summary of the Invention -- Brief Description of the Drawings -- Detailed Description of the Preferred Embodiment -- Chapter 9: Patents: Diabetes Detection Method #1.
Related U.S. Patent Documents -- Other References -- Parent Case Text -- Cross-reference to Related Applications -- Claims -- I Claim -- Description -- Field of the Invention -- Background of the Invention -- Summary of the Invention -- Brief Description of the Drawings -- Detailed Description of the Method -- Chapter 10: Patents: Diabetes Detection Method #2 -- Related U.S. Patent Documents -- References Cited [Referenced by] -- U.S. Patent Documents -- Parent Case Text -- Cross-reference to Related Applications -- Claims -- Description -- Field of the Invention -- Background of the Invention -- Summary of the Invention -- Brief Description of the Drawings -- Detailed Description of the Method -- Chapter 11: Patents: Filed Patent Application-Apparatus and Method for the Detection of Dementia and Retinal Conditions -- Field of the Invention -- Background of the Invention -- Summary of the Invention -- Brief Description of the Drawings -- Detailed Description -- Claims -- Bibliography -- Index.