COMMITTEE ON ESSAYS

OF

# THE WORLD'S COLUMBIAN DENTAL CONGRESS

TO BE HELD IN CHICAGO, 1893.

*Chairman*,
Dr. W. W. WALKER,
67 West 9th St., New York City.

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## PRELIMINARY.

PHILADELPHIA, September 24, 1892.

DEAR DOCTOR :—

It is the aim of the World's Columbian Exposition "to gather together evidences of the material progress, achievement, and civilization of the world, and so arrange them that every department of human endeavor may be studied and examined through all its various grades of development." In recognition of the important part which the growth and professional development of dental science and art have contributed to the world's progress, the holding of a "World's Columbian Dental Congress" under the auspices of the World's Congress Auxiliary has been provided for by a duly authorized General Executive Committee, appointed by the dental profession of America through its two governing dental organizations. The undersigned Committee, being intrusted through authority of the General Executive Committee with the duty of soliciting essays appropriate to the "Division of Dental and Oral Surgery," and realizing the necessity and great importance of a proper presentment of the literary and scientific phases of our profession through the contributions of its representative men, would earnestly and respectfully invite you to contribute a paper directly or collaterally connected with the above-named department, and submit it to this Committee at least three months previous to the convening of the Congress, the date of which will be August 17, 1893. All essays must be in the hands of the Committee at the time requested, in order that opportunity shall be afforded for their arrangement and assignment to appropriate Sections. Those contributions earliest received will, of course, take precedence. The appended list of topics has been prepared by the Committee on Essays, and is offered not as restricting in any degree the range of subjects, but in the hope that it may be useful in a suggestive way. The Committee especially desires that an early answer to this request shall be forwarded to the chairman, stating whether you will prepare a paper or not. If you accept the invitation, please furnish with your acceptance, if possible, the title of your paper. Forward all communications to the chairman of the Committee on Essays, Lock Box 1615, Philadelphia, Pa.

DR. EDWARD C. KIRK, *Chairman, Philadelphia, Pa.*
DR. J. W. WASSALL, *Chicago, Ill.*
DR. A. H. THOMPSON, *Topeka, Kas.*
DR. H. H. JOHNSON, *Atlanta, Ga.*
DR. L. G. NOEL, *Nashville, Tenn.*
DR. C. NEWLIN PEIRCE, *Philadelphia, Pa.*

## GENERAL TOPICS.

Dental Anatomy and Histology.
Physiology and Etiology.
Dental Medicine and Pharmacology.
Chemistry and Metallurgy.
Dental and Oral Surgery.
Dental Therapeutics.
Operative Dentistry.
Mechanical Dentistry and Prosthesis, including Crown- and Bridge-Work.
Bacteriology.
Pathology.
Prophylaxis.
Orthodontia.
Ethics.
Dental Education, including Post-Graduate Work.
Instruments and Appliances.
Statistics.
Nomenclature and Terminology.
Dental Legislation: Its Local, National, and International Relations.
Dental Professional Organization for Protective and Educational Ends.
Miscellaneous.

(OVER)

## SPECIAL TOPICS.

What is the Best Means of Arresting Decay in the Deciduous Teeth?

What is the Best Prophylactic Treatment for the Teeth of Pregnant Women?

The Importance of Considering and Providing for the Comfort of the Patient during Dental Operations.

The Selection of such Instruments and Appliances as will Perform the Necessary Work with Least Pain and Irritation to the Nervous System.

The Best Means of Conserving the Health of Dentists.

The Present Status of Crown- and Bridge-Work: What is its Future?

What are the Best Means of Repairing Fractured Porcelain Facings in Crown- and Bridge-Work?

What are the Best Means of Securing Comfort and Rest to the Patient during Dental Operations?

Corrective Dentistry: Its Present Status; What are the Best Regulating Appliances and the Best Forms of Retainers?

The Importance of Extracting some Teeth from the Crowded Arches of Young Patients. What Teeth shall be Extracted, under what Circumstances, and when shall they be Removed?

Nitrate of Silver as a Means of Arresting Decay in the Deciduous Teeth.

The Effects of Hereditary Diseases of the Brain and Nervous System upon the Formation and Arrangement of the Teeth: To what extent are these Abnormalities evidenced by the Teeth of Patients in Hospitals for the Treatment of such Diseases and in Asylums for Imbeciles and Hospitals for the Insane?

Rheumatism and Gout; the Part they play in the Abrasion and Erosion of the Teeth.

What are the Effects of Syphilis upon the Teeth? Have we Marks and Tracings of this Disease in the Teeth of Children born of Syphilitic Parents? Do such Children live to complete the Second Denture?

Are White and Yellow Spots upon the Enamel of the Permanent Teeth caused by Alveolar Abscess the Result of Death of the Pulp in the Deciduous Teeth, or are they Sequelæ of Zymotic Fevers?

Rapid and Extensive Absorption of the Alveolar Processes produced by the Continued Wearing of Vulcanized-Rubber Dentures: To what extent is this evidenced by Comparisons between Cases wearing Vegetable and Metal Plates?

On the Use of Stimulants and Anodynes to prepare Patients for Dental Operations.

On the Sterilization of Dental Instruments: The Best Means or Appliances for this End.

On Obtunding Agents: Local Anesthetics and General Anesthetics.

On the Best Methods of constructing Lower Partial Dentures.

Disease of the Antrum of Highmore, and Treatment.

The Treatment of Pulpless Teeth: What is the Best Filling-Material for the Roots and Pulp-Cavities?

On the Lighting of Dental Offices: What is the Best Color for the Walls and Ceilings of the Dental Operating-Rooms?

On Electrical Appliances for the Dental Office and Laboratory.

The Formation of Pus.

What is the Function of the Leucocyte?

Microscopic Research in the Domain of Dental Caries.

On the Etiology of Dental Caries from the Standpoint of the Chemist.

On the Construction and Destruction of Soft and Hard Tissues: The Differentiation between Life and Death.

What are the Best Antiseptic and Germicidal Remedies in the Dental Pharmacopœia? and How to Use Them.