

**ORTHODONTIA, OR,
MALPOSITION OF THE
HUMAN TEETH: ITS
PREVENTION AND REMEDY**

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Orthodontia, or, Malposition of the Human Teeth: Its Prevention and Remedy by S. H. Guilford

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MALPOSITION OF THE HUMAN TEETH ITS PREVENTION AND REMEDY

BY

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Approved by the National Association of Dental Faculties as a
text-book for use in the schools of its representation

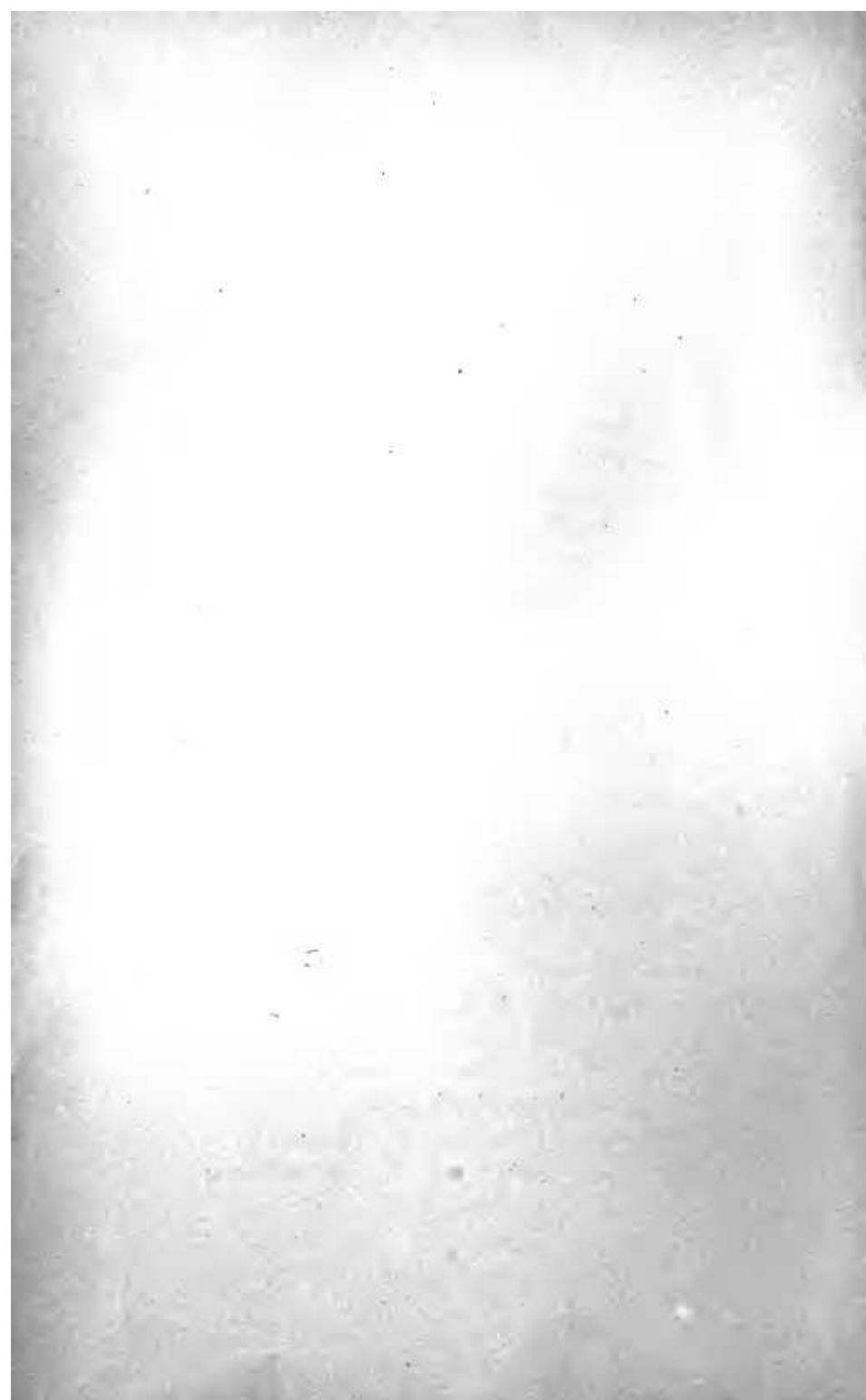
FOURTH EDITION

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TO THE
MANY STUDENTS WHO HAVE SAT UNDER MY TEACHING DURING THE PAST
TWENTY-FIVE YEARS AND WHO, I TRUST, HAVE BEEN INSPIRED
WITH A DEEP INTEREST IN THE SUBJECT OF ORTHODONTIA,
THIS FOURTH EDITION IS RESPECTFULLY INSCRIBED.



PREFACE TO FIRST EDITION

This work has been written at the request of the National Association of Dental Faculties in furtherance of its plan to secure the preparation of a series of text books for use in American Dental Colleges. After its completion and examination, it was accepted and endorsed by the Association at its meeting in Saratoga, August, 1888.

The impartment of instruction in the simplest and most direct manner being the true province of a text-book, the author has endeavored in the preparation of this work to treat the subject as concisely as possible, and to clothe his thoughts and those of others in such language as to be readily comprehended by beginners as well as those somewhat advanced in this branch of study.

In the treatment of the subject the aim has been to lead the student step by step from the simplest beginnings to the more complicated and difficult work of practical treatment. To this end, the underlying principles of the art are first elucidated, after which the principal methods employed are explained, and lastly, the correlation of principles and methods is shown in their practical application to typical cases. In Part III, the different forms of irregularity, together with a variety of plans for their correction, are arranged under such headings and in such order as to be readily referred to in seeking aid for cases that occur in office practice.

Should the work fulfill the object aimed at in its preparation, the author will feel amply repaid.

Credit for assistance is most cheerfully given to the twenty-five teachers of this branch in American Dental Colleges who have read this work in manuscript, and by friendly criticism and valuable suggestions added much to its completeness.

The author would also acknowledge his indebtedness to Prof. W. F. Litch for valuable services, and to the S. S. White Co.; Lea, Brothers & Co.; P. Blakiston, Son & Co.; and other publishers and authors for the use of certain cuts.

S. H. G.

Philadelphia, Sept., 1889.

PREFACE TO FOURTH EDITION.

The last or third edition of this work was one of twice the usual size and such has been the rapid advancement along the lines of Orthodontia that before the edition was exhausted many of the methods therein advocated had become obsolete.

In view of this the work had to be entirely recast and rewritten and most of the old illustrations were obliged to give way to newer ones, nearly all of which are photo engravings.

Several entirely new chapters have been introduced, one of which: "Outline of College Technic Course" and part of another; "Construction of Appliances" it is hoped will be of material benefit to both teachers and students.

The author's new classification conforms to the plan adopted in collateral sciences of grouping together types possessing like characteristics and giving to each type a distinctive name indicating the condition. By this means the entire subject is made more clear and cases can be readily referred to their proper class.

A few new terms have been coined and introduced to take the place of cumbersome expressions heretofore in use. Benocclusion, meaning normal occlusion, harmonizes with its opposite Malocclusion, while Antocclusion (*ante*, before) signifies occlusion anterior to normal and Postocclusion (*post*, after, behind), occlusion posterior to normal. Another Latin derivative, Nonocclusion, though not new to our nomenclature, expresses the condition so clearly that it should be generally adopted.

The author desires to express his indebtedness to his