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PANAMA RAILROAD.

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ILLUSTRATED HISTORY

OF

THE PANAMA RAILROAD;

TOGETHER WITH A

TRAVELER'S GUIDE AND BUSINESS MAN'S HAND-
BOOK FOR THE PANAMA RAILROAD AND
ITS CONNECTIONS

WITH

EUROPE, THE UNITED STATES, THE NORTH AND SOUTH ATLANTIC AND
PACIFIC COASTS, CHINA, AUSTRALIA, AND JAPAN, BY
SAIL AND STEAM.

BY F. N. OTIS, M.D.

SECOND EDITION, REVISED AND ENLARGED.

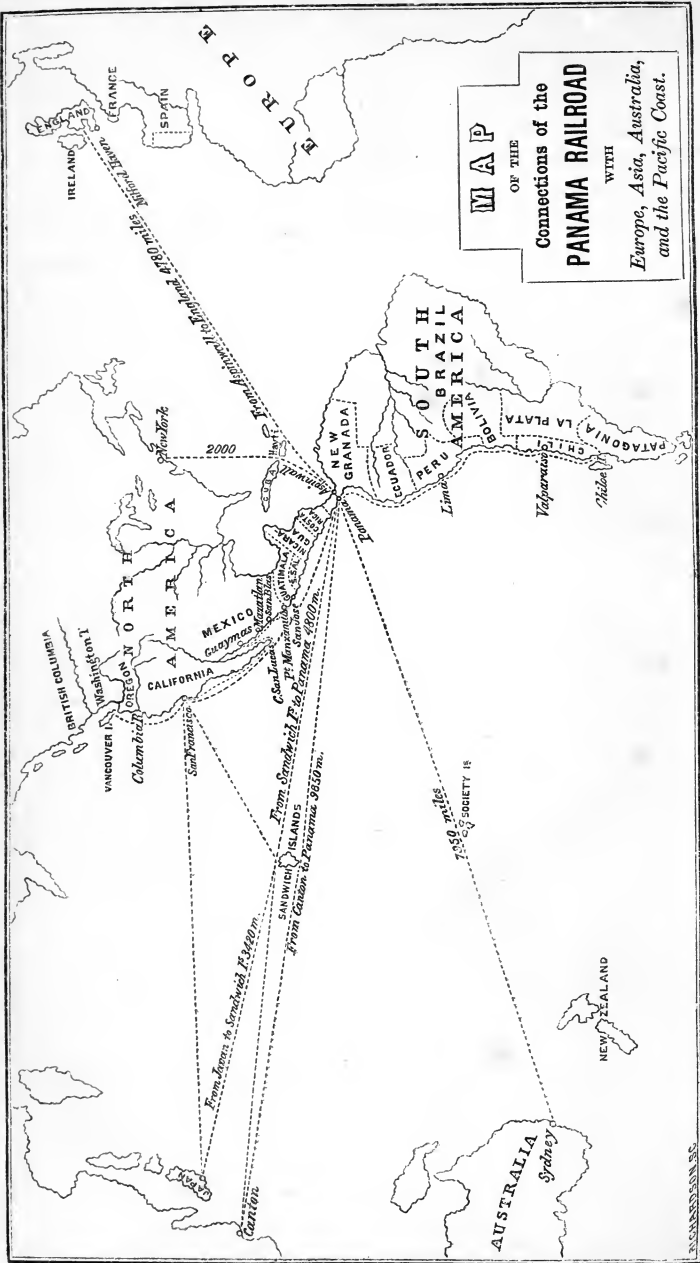
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MAP
OF THE
Connections of the
PANAMA RAILROAD
WITH
Europe, Asia, Australia,
and the Pacific Coast.

P R E F A C E.

IN preparing the "Hand-book of the Panama Railroad," the endeavor has been to present,

1. A full and reliable history of the road, from the inception of the original contract to the present day, and such an account of its present condition and business regulations as would be likely to interest and benefit the traveling and commercial public.

2. All necessary information for the shipper and the traveler concerning the various lines of steam and sail communication connecting with the road.

3. A brief account of the present condition, commercial and other resources, of the countries bordering the Pacific coast, and doing business with the United States and Europe over the Panama Railroad, with such information in regard to the expenses connected with commercial transactions in those countries as it has been thought would prove serviceable to the mercantile and shipping interests.

In preparing this work from the most recent authorities and reliable sources, the strictest accuracy has been the first consideration. The tariffs and commercial regulations have been taken from documents published by the United States government in 1858. To the following works (not credited in place) the Author is indebted for valuable statistics: *Harper's Cyclopædia of Commerce*, 1858; *Appleton's American Cyclopædia*, 1860-1861. To Mr. DAVID HOADLEY, President of the Panama Railroad, Mr. ALLAN M'LANE, President of the Pacific Mail Steam-ship Company, Mr. GEORGE M. TOTTEN, Chief Engineer, Mr. JOSEPH F. JOY, Secretary, and Mr. ALEXANDER J. CENTER, former Vice-

president and Superintendent of the Panama Railroad, the Author is indebted for great and uniform kindness in affording facilities for procuring reliable data, and for much important information; also to Capt. J. M. Dow, of the steam-ship Guatemala (Central American Steam-ship Company), Mr. WM. NELSON, Commercial Agent of the Panama Railroad Company at Panama, Mr. CHARLES T. BIDWELL, Agent for the Pacific Steam Navigation Company at Panama, Mr. GEORGE PETRIE, General Manager of the Pacific Steam Navigation Company at Callao, Mr. J. W. HAWES, of Panama, and Capt. J. H. WINDLE, of Tarrytown, New York (formerly in the United States Mail Steam-ship Company's service), the Author is indebted for valuable favors.

F. N. OTIS.

New York, July 15, 1861.

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WESTERN SUBURB (SANTA ANA) OF PANAMA.