## We Send this Book Free On Request--Use the Coupon

OU only need to look at the contents page of this book to see how complete and comprehensive it is. In all the

## CONTENTS

- CHAPTER PAGE I.—Story of the Telephone—Invention— Early Experiments—Present Situation —Value to farmer—Comments of the Press. 7-23
- , II.—Company Organization—Mutual and Stock Companes — Constitution and By-laws — Construction — Survey of Toll Lines - - - 24-35
- III.—Constructing the Lane—Different Systems—Poles and fittings—Setting the Poles — Guying—Line Wire and Stringing—Splicing—Insulation - 36-56
- IV.—Installing the Instruments—Connecting to the Line—Protectors—Drop Wires Inside Wiring—Ground Wires—Batterres—How to use the Telephone— Signals 57.65
- V Materials Required—For Main Line —For Each Telephone Station - 66-68
- VI.—The 1317 Type Telephone Set— New Features—Woodwork and Assembly—Transmitter—Receiver—Ringers and Gongs—Generator—Switch Hook—General—Specifications - 69-78 VII.—Rules for Wires Crossing Railways—
  - General Order of Canadian Board of Railway Commissioners—Dated Oct. 7th, 1909—Signed by Hon. J. P. Mabee, Chief Commissioner - 79-93

hundred pages between its hard cloth-bound covers, there is not one single superfluous word nothing but a carefully indexed mass of necessary information. There is no other book in existence that deals so thoroughly with every vital, essential fact—that so clearly tells the farmer

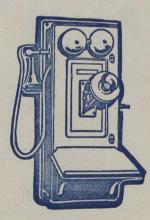
## "How to Build Rural Telephone Lines"

When you get this book, read it over at least twice. You will need to do that to assimilate the information it contains. No matter in what phase cí the work interested you are whether you want to know about telephone company organization, whether you want to know about the actual construction of the line, whether you want

to know what other community-owned telephone companies have done, or whatever it is you do want to know, you will find the facts set forth in detail in this book. This volume has cost a lot of money and careful study to prepare, and we really ought to charge for it. As long as the edition lasts, however, we will send it **free**, but only to those who, by asking for it, signify that they are really interested. Are **you** interested?



ed. Are **you** interested? If so, clip the coupon, fill in your name and address and mail it to us to-day.



The Northern Electric and Manufacturing Co.

240

Limited	
Gentlemen,- Please send me FREE,	
one copy of your 100 page. bound and illustrated book	
on "How to Build Rural Telephone	
Lines."	•
Name	
Post Office	

Province .....

AND MANUFACTURING CO. IMITED Manufacturer and supplier of all ap paratus and equipment used in the construction, operation and maintenance of Telephone, Fire Alarm and Electric Railway Plants. Address our house nearest you. MONTREAL TORONTO WINNIPEC RECINA CALCARY VANCOUVER