

TABLE OF CONTENTS

	PAGE
1. HOW THE SLIDE RULE IS CONSTRUCTED	1
2. HOW TO READ THE SLIDE RULE	2
3. HOW TO MULTIPLY NUMBERS WITH A SLIDE RULE	5
4. HOW TO DIVIDE NUMBERS WITH A SLIDE RULE	9
5. SOLVING PROPORTIONS BY MEANS OF THE SLIDE RULE	10
6. USING THE SLIDE RULE TO PERFORM A SERIES OF OPERATIONS	13
7. HOW TO FIND SQUARES AND SQUARE ROOTS WITH A SLIDE RULE	15
8. SPECIAL TYPES OF RULES USED IN COMPUTATIONAL WORK	17
9. THE SINE AND COSINE ON THE SLIDE RULE	18
10. THE TANGENT AND COTANGENT ON THE SLIDE RULE	20
11. THE SECANT AND COSECANT	23
12. PRACTICE IN SOLVING PROBLEMS WITH THE SLIDE RULE	23
13. SLIDE RULES DESIGNED FOR SPECIAL TYPES OF PRACTICAL WORK	24
14. MERCHANTS' SLIDE RULE	24
15. SURVEYORS' DUPLEX SLIDE RULE	25
16. SEWER SLIDE RULE	26
17. ELECTRICAL SLIDE RULE	26
18. POWER COMPUTING SLIDE RULE	27
19. FRICTION HEAD SLIDE RULE	27
20. CHEMIST'S SLIDE RULE	29
21. THACHER'S CALCULATING INSTRUMENT	29
22. FULLER'S SLIDE RULE	30
23. CHARPENTIER CALCULATOR	31
24. SPERRY'S POCKET CALCULATORS	32