

SHORT PAID TO JAPAN
JAPANESE STAMPS FOR DUE



25 CENTS A NUMBER; \$3.00 A YEAR.

APRIL, 1901.

Engineering

ILLUSTRATED
MONTHLY MAGAZINE

CONTENTS

KEEPING THE MISSISSIPPI WITHIN HER BANKS	WILLIAM STARLING, C. E.	1
GOLD MINING IN PERU BY THE INCAS	E. E. OLCOTT, E. M.	12
THE SECOND SUMMERS OF VILLAGE COMMUNITIES	CHARLES B. GOING	
THE MECHANICAL DISPLAY AT THE WORLD'S FAIR	EDWARD AT	
HIGHWAYS AND NATIONAL PROSPERITY	EDWARD P. NORT	
HEATING AND VENTILATING HOMES	LEICESTER ALLEN	
THE GREATEST BRIDGE IN THE WORLD	THOMAS CURTIS CLARKE, C. E.	65
A CHAT WITH EUROPE BY TELEPHONE	HERBERT LAWS WEBB.	80
HAVE WE NEGLECTED QUARRYING?	WILLIAM L. SAUNDERS, M. A. S. C. E.	87
PURE WATER FOR OUR CITIES—MECHANICAL FILTRATION.	PETER T. AUSTEN, Ph. D., F. C. S.	95
ENGINE-ROOM CHAT	COL LOQUIAL.	102
SPECIAL DEPARTMENTS		105 to 138

ENGINEERING is a high-class, beautifully illustrated monthly magazine, in size, shape and general character like *The Century*, *Harper's*, and *Scribner's*. It is written by the foremost men of our times; every topic is of leading public interest and importance, and every page is interesting instructive and entertaining.

ALL NEWS STANDS, OR BY MAIL.



THE Engineering Co. No. 124 World Building
NEW YORK, U. S. A.

Will send a letter
yesterday, Thursday
Feb 8 & forgot to
date it as usual.

Sister Ho.