

4G.

What Is The
“TECHNOGRAPH”



Prizes Valued at \$2300.00 Are
Offered for Best Articles Describ-
ing This Unique Device.

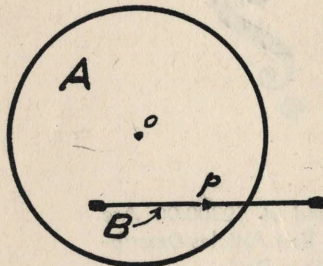
Contest Closes Nov. 1, 1934



From the Exhibit of
CHICAGO TECHNICAL COLLEGE
Hall of Science — Century of Progress

What Is The "TECHNOGRAPH"

DESIGNED and built in the laboratories of the Chicago Technical College, this device, now exhibited in the Hall of Science at the Century of Progress Exposition, consists of a Disc A which rotates about its center *o*. On this disc at *p* is mounted an Arm B which is free to rotate in either direction. At either end of this arm is a small electric bulb, The Disc A and the Arm B are rotated independently of each other by small electric motors back of the panel.



Now, when the Disc A is stationary and the Arm B is rotated we, of course, get a circle

of light traced by the small electric lights on the ends of the arm. But when both A and B are revolved we get a pattern which changes with the speed and direction of rotation.

This machine illustrates certain laws in physics and mathematics and may have other practical applications which we prefer not to mention here because of the Prize Contest which has been arranged by the Chicago Technical College to stimulate interest, study and research on the part of young men. Valuable prizes will be given for the best papers submitted.

Rules of the Contest

1. The prizes will be awarded for best papers submitted not to exceed 500 words in length. The "Technograph" to be described and suggestions made as to its use and practical application.
2. Contestants to be 17 years of age or older.
3. Papers to be unsigned but to be accompanied by a sealed envelope containing name, address and age of writer. This envelope will be opened after the paper has been judged.
4. Contest closes November 1st. All papers must be submitted before that date. Announcement of results of contest will be sent to all contestants on or about November 10th, 1934.
5. Free Scholarship awards will not be transferable.
6. The papers will be judged on thoroughness and neatness of presentation by a committee from the faculty of the Chicago Technical College whose decisions will be final.

Prizes

1st Prize — 1 Free Scholarship, Chicago Tech College, Day School — Value.	\$ 315
2nd to 6th Prizes — 5 Free Scholarships, C.T.C. Day School, Value each \$150. . . .	750
7th to 11th Prizes — 5 Free Scholarships, C.T.C. Home Study, Value each \$127. . . .	635
12th to 16th Prizes — 5 Free Scholarships, C.T.C. Evening School, Value each \$90. . .	450
17th to 26th Prizes — 10 cash prizes — \$10 each.	100
27th to 36th Prizes — 10 cash prizes — \$5 each.	50
TOTAL	\$2300

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CHICAGO TECHNICAL COLLEGE
Tech Building — 118 E. 26th St.
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