

11/6/22  
Engineering  
Electrical Engineering  
Ellery B. Paine Papers, 1916, 1967

Box 1:

Tape recording, November 15, 1967

Paine reads prepared responses to written questions submitted in advance.

6 - 24

- 25 - 85 Appointment of Joseph T. Tykociner. Paine was responsible, Two others were  
1. Trygve Jensen who developed a transformer, won a prize, entered Illinois for  
graduate work, developed a special iron and moved to Westinghouse with his  
patents.
- 86 - 132 2. Harold B. Smith of Worcester Polytechnic Institute, who wished to come to  
Illinois if paine went to Westinghouse. paine had developed a high voltage  
transformer, paine accepted a summer at the Westinghouse research department at  
Pittsburgh.
- 133 - 134 Graduate students continued research work on the magnetic properties of iron  
which had begun with Jensen.
- 135-185 Westinghouse wrote Paine that Illinois could have Tykociner. This led to  
Tykociner's work here.
- 186-208 I first saw Tykociner at the school opening meeting of College of Engineering  
faculty. We had to drop the magnetic properties of iron research.
- 209 - 231 Decided to proceed with Prof. Tykociner's interest in sound on film. June, 1922 -  
Successful demonstration of the discovery.
- 232 - 314 Patent rights question rose again. Decided that University has no claim to patent  
rights. Tykociner was disappointed in negative industrial reaction. University  
decided it was unwise to use university funds for the commercial development of  
sound film. Tykociner's later career. Radio and high voltage research.
- 315 - 329 Patents by Brown and Knipp. Electrical engineering research. General Electric.
- 336 - 443 Hazing, class rivalries. 1904 - T.A. Clark appointed Dean of Undergraduates.  
1906- 09 - Color rush. I ran the 1907 rush.
- 444-502 1910 - First Homecoming. Football, baseball and pushball between freshmen  
and sophomores
- 503 - 530 Sack rush replaced pushball after a pushball death at another university. Hazing  
and contests are no longer necessary.