ELEVEN HUNDRED DOLLARS TURNED OVER TO ATHLETES.

Receipts from Boston Ticket Sale were $4,050.

The following is the detailed statement of last year's Show to date in accordance with the special article on the finances in a recent issue of The Tech.

**RECEIPTS**
- Boston ticket sale: $3,521.92
- Hidden ticket sale: 693.75
- Providence ticket sale: 611.29
- Advertisements in programs: 464.12
- NAA, N. T. C. Co., (eazz): 500.00
- Sale of posters and Programs: 523.49
- Check paid to C. C. Webb (disposal): 150.00
- Check paid to H. McCready (proceeds): 103.00
- Rebate from Colonial Theatre (unleting): 70.00

**Total:** $6,784.57

**EXPENDITURES**
- Advisory Council (athletic issues): $1,180.00
- Winning, and engineering: 336.15
- James Francis (teams): 600.25
- B. A. A. Team Co.: 1000.00
- (P) of lawn and Int.: 519.17
- Rent of Colonial Theatre: 473.42
- Costuming: 410.00
- J. M. Flocum (contractor orchestra): 303.00
- Show dinners: 218.25
- Printing: 200.00
- Management expenses: 162.78
- Stationery: 146.00
- Stereographer: 132.00
- Show expenses: 239.06
- Check to C. C. Webb (to cover): 100.00
- Check to H. McCready (to cover checks on McCready made to Show, 1907): 100.00
- B. L. Gibson (cost of music): 98.67
- Advertising: 71.35
- Transportation: 75.00
- Library Bureau Co.: 56.45
- Thorpe (pianist): 36.00
- N. G. Wood: 36.00
- Camera (cost of film and tickets): 25.70
- Loan to 100 athletes: 26.30
- Pay out on account of 1906 Show: 15.88
- B. T. (posters price): 15.10
- Photographs: 10.10
- Debit to Cash Account: 361.54

**Total:** $4,754.57

**ENERGY OF ESCAPING STEAM**

Original Investigation to be Undertaken at the Institute.

Professor Edwin F. Church, Jr. 1901, will this term prepare a thesis for the degree of master of science in the mechanical engineering laboratories of the Institute. He will determine the energy of steam escaping after varying backing pressures. Work of this character has been done in Germany but has never been attempted before at Technology.

Prof. Church was in the class of 1901 in naval architecture and is now associate professor of mechanical engineering at West Virginia University. He spent last summer here preparing and perfecting the necessary apparatus and will begin work early in February.

In outline his method of procedure will be to take a mom at a variable slide diameter from 7-8 in. to 5.57 in. and suspend within a large soap bubble on a rubber tube. Steam will be admitted by this tube and will escape through the nozzle at a velocity of 4000 ft. per second in a direction normal to the tube. The varying pressure in different parts of the soap bubble will be measured by a tube 3 mm. in diameter inserted through the side of the bubble. This method of escaping steam will be determined by a direct measurement of the back pressure through the nozzle. The bubble of soap will be conducted from the cylinder to a condenser and there measured.