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Moore's won't leak

THE TECH, BOSTON, MASS., FRIDAY, MARCH 26, 1915

REFRIGERATION
(Continued from Page One)

Mr. Fairbanks has introduced some  
radical ideas in designing his  
machinery that have been generally de-  
bounced by the engineering  
world, but which have proved most satisfac-  
tory in practice. One device of his  
which has saved a lot of money is  
the cutting of a groove about the  
circumference of the crank pin in  
the middle of the crank. When the  
crank breaks it will fracture along  
this groove, and will still be sup-  
ported by the connecting rod bearing.  
Once when doing some rush work,  
which would have meant the loss  
of thousands of dollars if the machinery  
had stopped, they ran for a short  
while with all the crank pins broken,  
and were able to continue.

Another interesting device of Mr.  
Fairbanks is that of cutting screw  
threads on the inside of the cylinder  
walls of his engine. On the piston  
put a thread of a greater pitch  
that it will not engage with the  
cylinder. This retains the oil on  
the cylinder walls and gives most satisfac-  
tory lubrication.

The workmanship that Mr. Fair-  
banks puts into his machinery is of  
the highest order. Pistons are de-  
signed to fit the cylinder exactly so  
that they will bear down on a surface  
and do not leak. Piston heads are  
designed so that they may be made  
to fit the engine with two thousand  
sands of an inch for an oil film.

TECHNIQUE SIGN-UPS

Five Hundred Books Taken—  
Board Still At Work.

Technique sign-ups now have passed  
the half-thousand mark. The mem- 
ers of the board have been visiting  
the different drawing rooms and  
laboratories, so that nearly everyone  
has had at least one chance to sign  
for the book. The freshmen have  
not been very responsive, a good  
many of them saying that they do  
not know what the book is about, or  
how it concerns them.

This year's Technique, like those  
of previous years, is not only an annual  
of the Junior Class, but of the whole  
Institute. It contains pictures of the  
officers of each class, pictures and  
description of the events of Field Day,  
and matter connected with all  
the principal activities, in which men  
of all classes are working. The Grade  
Section, as usual, looks on the hum-  
orous side of the life of all the  
classes. In this way the whole of  
the student body is represented in  
the book.

The board is still at work, trying  
to see all the men who wish to sign,  
but who do not have the money  
when first approached.

T. C. A. NOMINATIONS

The following nominations have  
been made of the T. C. A. officers  
for the following year and the election  
will close April first: President, Wm.  
T. Killioner, E. H. Schuback; Vice-  
President, W. J. Beadle, E. L. Clark;  
Treasurer, F. B. Haste, B. F. Howa.

Votes may be obtained at the  
T. C. A. office from ten to five o'clock  
and also at the Cage.

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in different sections of Boston, the  
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