



HINTS TO CORRESPONDENTS.

Names and Address must accompany all letters or no attention will be paid thereto. This is for our information and not for publication.

(9164) H. B. W. says: Mr. J. has two horizontal tubular boilers 48 inches by 12 feet, + 90 pounds steam pressure on boilers running two engines of 50 horse power each.

(9165) W. F. D. says: Will you please tell me where I can get information concerning the management of small steam launches—I mean the government regulations and rules?

(9166) C. W. S. says: Please give me the serial numbers of SUPPLEMENTS on tools for finding center of the ends of shafting, etc.

(9167) F. H. asks: Please let me know how much more power is required to turn a car, trolley, for instance, at an angle of 90 degrees, such as turning a corner, than it does when going straight ahead.

(9168) A. V. B. says: Theoretically what are the most favorable conditions for obtaining the greatest efficiency in operating the compound steam engine?

(9169) M. H. says: I have a 40-gallon air tank. The compressed air, when allowed to escape from the tank, possesses a very musty, disagreeable odor.

conditions which will best meet all of the various requirements of this varying service. What is best in one place would not be best in another; also what is best for small locomotives would not be best for locomotives of large power.

(9170) G. P. K. says: What I want to know is the full value of the increased use of steam as laid down by Emory Edwards in the Axiom, in his work on steam engineering, and upon which he and others attach great importance.

if necessary, to a temperature above 212 degrees. Second, in order to insure that the compressed air which you force in will be clean, cause it to bubble slowly through clean water, and then pass it through a long tube of small lumps of calcium chloride to extract from it all the moisture which it may carry with it from the water which has been used to wash it.

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INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending August 25, 1903.

- AND EACH BEARING THAT DATE. See note at end of list about copies of these patents. 1. Abrading machine, L. Peterson..... 737,270

- Book blanks, rivets, rods, etc., apparatus Bolt for heating, Mulford & Caldwell..... 737,126 Bolt clipper, G. Binder..... 737,198

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