

Business and Personal.

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Notes & Queries

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 This is for our information and not for publication.

(7534) J. T. asks: 1. Can a whistle be heard as well in a fog on the sea as in clear weather? A. There is much more in this question than the mere presence or absence of fog.

(7535) E. W. K. writes: As a subscriber to your interesting paper, I would be glad to see in your columns the answers to these questions: 1. The 6 inch guns, like those of the "New Orleans," have about the same penetration at the muzzle as our 8-inch guns, and can fire over six times as often.

(7536) G. M. T. writes: I notice in your issue of October 29 of the Scientific American, under the article "Work of Naval Bureau of Ordnance," a statement to the effect that the Navy Department has adopted a smokeless powder made from soluble nitro-cellulose by the Bureau's formula.

secret of the Bureau or can you publish the same under your list of Notes and Queries? A. The formula is, we presume, for obvious reasons, a secret.

(7537) H. I. W. writes: I have a pair of plano-convex lenses of 5 inches diameter, 36 inches focus, and a Beck & Co. tintype lens, and I want to construct a lantern (for experimental purposes) like the one described on page 398, Scientific American, June 23, 1888, using acetylene gas as an illuminant.

TO INVENTORS. An experience of fifty years, and the preparation of more than one hundred thousand applications for patents at home and abroad, enable us to understand the laws and practice on both continents, and to possess unequalled facilities for procuring patents everywhere.

INDEX OF INVENTIONS For which Letters Patent of the United States were Granted DECEMBER 13, 1898, AND EACH BEARING THAT DATE.

- Acetanilid, making, H. C. Fehrlin..... 615,829
Acetanilid, purifying, H. C. Fehrlin..... 615,828
Acids of asymmetric rhodamins, making sulfonic, H. Boedeker..... 615,791

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- Braking device, F. H. Rice..... 615,903
Breast strap and bame connection, C. W. Fehrlin..... 615,827
Bridge, swivel draw, J. Edwards..... 615,824
Brush, G. E. Bush, J. M. Gray..... 615,853

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