

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.

References to former articles or answers should give date of paper and page or number of question.

Inquiries not answered in reasonable time should be repeated; correspondents will bear in mind that some answers require not a little research.

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Minerals sent for examination should be distinctly marked or labeled.

(6938) A. E. H. says: Will you please reply through the columns of your paper or otherwise the best and most practical receipt for making gelatine moulds for casting in plaster?

(6939) E. R. asks how to find the gear of a bicycle. A. Divide the diameter of rear wheel, in inches, by the number of teeth in rear sprocket and multiply by number of teeth in front sprocket.

28 INCH WHEELS.

Table with 4 columns: Teeth in Sprockets, Gear, Feet per Revolution, Revolutions per mile.

(6940) J. B. says: Please give the formula or process of dissolving or softening the rubber rollers which are used in clothes wringers.

twine a coat of rubber cement, and let it dry for about six hours. 5. Give shaft over the twine a second coat of rubber cement, and let it dry for about six hours.

(6941) W. E. says: Would you please inform me through your columns what chemicals you would use in toning a photograph to produce a dark print which resembles a carbon?

(6942) H. B. M. says: Will you kindly answer the following queries in the SCIENTIFIC AMERICAN: 1. What is the safest and best remedy for removing freckles?

This lotion is stated to give excellent results. It is to be applied to the skin of the face, etc., in the usual way at least twice in the course of twenty-four hours.

(6943) J. P. M. says: I should be pleased to know some easy way to mark negatives, mark them to show on print. I try to do it by using a sharp point, but the film is roughened too much by it.

(6944) Q. T. E. asks: 1. Constructed as directed, which motor will give more power with the same battery power, No. 759 or No. 641, with a drum armature?

(6945) W. S. and others write: Will you inform me where I can get a mineral rod that will locate a hidden treasure? It is gold and copper.

(6946) W. O. K. says: Will you kindly let me know how to boil a meerscham pipe that has been in use some time, so as to color readily?

(6947) P. C. says: Do you know of a remedy which will promote the growth of hair or prevent it falling out? A. Quinine Hair Tonic:

(6948) G. P. asks (1) for a remedy for warts upon the hand. A. It is said that the daily application of whale oil to the wart for two or three weeks will cause it to disappear.

TO INVENTORS. An experience of nearly 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 unusual facilities for procuring patents everywhere.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted August 11, 1896, AND EACH BEARING THAT DATE.

- Advertising electrical phosphorescent letters or 665,775 Air compressing apparatus, E. Chiquette. 665,429 Air duct, R. Pattonson. 665,490 Air moistening apparatus, H. Cooper. 665,604 Air ship, C. A. Smith. 665,806 Alarm. See Time alarm. 665,628 Armature for dynamo-electric machines, Thomson & Armstrong. 665,647 Auditory device, E. Spaulding. 665,872 Auger, A. Y. Pearl. 665,500 Automatic signal, J. P. Coleman. 665,839 Axle box, car, H. E. Welsh. 665,870 Axle, car, P. Neagle. 665,863 Axle screw, R. L. Finley. 665,677 Bag, B. S. Whitehead. 665,822 Bag, B. Krell. 665,827 Baling press, A. Barrett. 665,686 Baudage, C. Von Stammer. 665,700 Basket, J. H. Ruet. 665,510 Basket handle, detachable, A. Hourdeaux. 665,460 Basket tub, G. F. Burtel. 665,836 Batteries, charging and discharging secondary, E. N. Dickerson. 665,727 Battery system, storage, F. D. Good. 665,741 Bed folding, Fay & McNab. 665,536 Bedstead, folding, A. H. Moore. 665,416 Bedstead, post and rail connection for metallic, F. M. 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MacLachlan. 665,551 Bottle, L. Docher. 665,534 Bottle, W. S. Ford. 665,782 Bottle filling machine, T. B. Booth. 665,538 Bottle, non-refillable, E. Dunn. 665,846 Bottle, safety, T. McGinn. 665,781 Bottle washer, Hamm & Pertz. 665,456 Bottles, jugs, etc., fastener for, L. D. Murphy. 665,629 Box. See Sand box. Wheel box. Bracket, F. E. Hartzel. 665,539 Brake, See Car brake. Wagon brake. Brick kiln, A. M. Bishop. 665,594 Brindle bit cheek piece, F. A. Clark. 665,432 Brush, I. E. Ballam. 665,569 Buckle, J. V. Washburne. 665,808 Building construction, R. Walker. 665,580 Burial casket, adjustable, C. H. Ramsey. 665,568 Burner. See Vapor burner. Cabinet, glove, E. A. Murray. 665,779 Camera, magazine, J. P. Andersen. 665,712 Can. See Fruit can. Can opener, J. M. Ken. 665,442 Can, P. J. Quick. 665,564 Car brake, emergency, O. H. Rieths. 665,635 Car coupling, C. E. Gallanore. 665,735 Car coupling, W. E. Pearson. 665,689 Car coupling, A. S. Peck. 665,550 Car coupling, W. S. 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