

Guaiacol treated in the same way yields vanillin, the aldehyd of vanillic acid. Gorup-Besanez found (1877) guaiacol to be one of the constituents of beech wood-tar creasote.—*Phar. Cent. Halle*, No. 31.

**POWDER FOR PRODUCING OZONE.**—In order to produce artificial ozone, Mr. Lender makes use of equal parts of peroxide of manganese, permanganate of potash, and oxalic acid. The two former may be mixed, but the latter should be kept in a separate paper till wanted for use. When this mixture is placed in contact with water, ozone is quickly generated. For a room of medium size two spoonfuls of this powder, placed on a dish and occasionally diluted with water, would be sufficient. The ozone develops itself; it disinfects the surrounding air without producing cough.—*Laboratory*

**TO FASTEN PAPER TO TIN.**—The *English Mechanic* says: Take good, clear, pale yellow glue, break it in rather small pieces, and let it soak a few hours in cold water. Pour off the supernatant water, place the glue thus softened in a wide-mouthed bottle; add sufficient glacial acetic acid to cover the glue, and facilitate the solution by standing the bottle in warm water. This acetic glue, as it oxidizes all but the noble metals (gold, silver, and platinum), roughens the surface sufficiently to produce perfect and lasting adhesion.—*Pharmacist*.

**TO PREVENT GUM FROM BECOMING MOULDY.**—Moisten the gum with alcohol, then dissolve in water and add a few drops of sulphuric acid. After the precipitation of calcic sulphate is complete, a perfectly colorless solution of gum is obtained, even when inferior kinds of gum are used.

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## Registrar's Notices.

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### RENEWALS SINCE 31ST DECEMBER.

Ault, Edward, Iroquois.	Mallory, M. B., Napanee.
Clark, J. A., Hamilton.	Moore, H. P., Rodney.
Cooke, F., Guelph.	Passmore, C. J., Gorrie.
Coombe, J., Toronto.	Roper, J., Caledonia.
Cox, W. H., Yorkville.	Rowan, Richard, Stouffville.
Crookshank, J. S., Rond-Eau.	Scott, J. K., Napanee.
Detlar, W. S., Napanee.	Shepard, C. A., Lucknow.
Elliot, H., Hampton.	Thompson, W. B., Cornwall.
Jukes, E. A., St. Catharines.	Williams, Joseph, London.
Whyte, W. A., Amherstberg.	

### NEW REGISTRATIONS.

Grange, G. S., Napanee.	Morgan, G. W., St. Thomas.
Holliday, F., Carleton Place.	Rugg, H. C., Perth.

Those Members who have not sent in the Renewal fee for 1876 will please do so at once.

P. O. Box, 1133.

G. HODGETTS, Registrar.