

er, and to place them in a second bromide-bath, leaving there for a minute or two, and thoroughly washing in water for five minutes or so.

The prints are now ready for toning, and Mr. Wilson states that the only gold-bath that is thoroughly satisfactory is a sulphocyanide one, containing 1 grain of gold chloride and 12 grains of ammonium sulphocyanide in 8 ozs. of distilled water. Toning should not take more than ten minutes, and is generally completed in five or six. The tone of the print when dry is always colder than when taken out of the bath.

The advantages claimed for the process are a great saving of time, that printing can be done in almost any light and by a quite unskilled person, provided some record of the exposure is kept, and the greatest advantage is that on a dull day, when business with the professional photographer is slack, he can proceed to the finishing of his prints quite regardless of sunshine or light, or if a batch of prints are wanted hurriedly they can be exposed in a very indifferent light, developed and finished by gaslight.—*Chemist and Druggist*.

### Photographers' Association Meetings.

The fourteenth annual meeting of the Photographers' Association of America was held in St. Louis, Mo., July 21th to 27th. The following officers were elected: President, J. S. Schneider, Columbus, O.; 1st Vice-President, R. P. Bellsmith, Cincinnati, O.; 2nd Vice-President, Geo Steekel, Los Angeles, Cal.; Secretary, P MacDonald, Albany, N. Y.; Treasurer, J. E. Rosch, St. Louis, Mo. The next convention will be held in Detroit.

The Annual Convention of the Photographic Association of Canada will be held in Toronto, Oct. 30th and Nov. 1st. E. Poole, St. Catharines, is Secretary of the Association.

### Fifty Observations for Pharmacists.\*

H. M. WHELFLEY, PH. G., M.D.

1. Observe that black pepsin is a black fraud.
2. Observe the necessity of good reference books.
3. Observe that peanuts are a rich if not an elite food.
4. Observe that boiling water cannot retain disease germs.
5. Observe that newspaper science is sometimes misleading.
6. Observe your own business and let your competitor take care of his.
7. Observe that it is careless to file away a prescription before it is dated.
8. Observe that it is poor policy to weigh heavy quantities on delicate scales.

\*Read at a meeting of the Missouri State Pharmaceutical Association.

9. Observe that tartaric acid will readily remove anilin stains from the flesh.

10. Observe that fine sand will quickly extinguish the fire of an overturned lamp.

11. Observe that two unlabeled preparations on the table at once are one too many.

12. Observe that untrimmed labels remind a customer of an unfinished apprenticeship.

13. Observe that it requires more than a quiz-book learning to pass a board of pharmacy.

14. Observe that it is better to be vaccinated before than after an epidemic of smallpox.

15. Observe that a person whose clothing is on fire should lie down and roll on the flames.

16. Observe the dose of each potent ingredient of a prescription before you compound it.

17. Observe that consumption is contagious, and all tubercular matter should be destroyed.

18. Observe that the number of pharmacists who work with a microscope is steadily increasing.

19. Observe that children have died from the effect of drinking the water in fly-paper dishes.

20. Observe that the good name of a pharmacy rests as much with the clerks as with the proprietor.

21. Observe that a few square inches of sheet zinc burned in a stove once a week will keep the pipe soot free.

22. Observe that beeswax is extensively adulterated. Paraffin or paraffin and stearic acid are most frequently added.

23. Observe that potassium chlorate mixed with a small amount of alcohol may explode if rubbed in a mortar.

24. Observe that potassium permanganate has not been established as a reliable antidote for morphine poisoning.

25. Observe that a customer may wait for a prescription, but time, tide and the progress of pharmacy wait for no man.

26. Observe that metric weights and measures should be invariably employed when compounding metric prescriptions.

27. Observe that a 100-per-cent. solution of potassium acetate can be made and is convenient for prescription work.

28. Observe that those women who study pharmacy strive to become competent and honorable members of the profession.

29. Observe that a copy of the National Formulary costs but seventy-five cents and will save you many dollars each year.

30. Observe that it is wrong as well as useless to attempt outdoing the physician's poor chirography when you write a label.

31. Observe that it is far better to tell a customer that you are just out of a preparation than to dispense a deteriorated article.

32. Observe that essential oils should be mixed with strong mineral acids only in open vessels. Otherwise an explosion will occur.

33. Observe that it is much easier to pour a liquid from a container with

straight sides and run if you employ a glass guiding rod.

34. Observe that it is poor policy to be cross with the man who rings the night bell. Talk pleasantly and charge him a quarter extra.

35. Observe that a well wet, large, silk handkerchief thrown over the face will enable a person to pass through smoke without suffocating.

36. Observe that the volume of annual proceedings of the American Pharmaceutical Association is worth more than the price of annual dues.

37. Observe that lactic acid is an excellent excipient for quinine sulphate pills. Use one drop of the acid to each five grs. of the alkaloid.

38. Observe that all druggists who attend the Missouri State Pharmaceutical Association annual meetings are enjoying health and happiness.

39. Observe that Chlorol is a new disinfectant of questionable composition, and in no way related to chloral for which the word might be mistaken.

40. Observe that it is not necessary to be able to read and write in order to sell patent medicines. A pharmacist's skill is worthy of better expenditure.

41. Observe that sweet spirit of nitre mixed with astringent drugs will act on the tannin and evolve a gas which is liable to force the cork from the prescription vial.

42. Observe that a person addicted to sleep walking will give up the exercise if a wet rug or sheet of metal be placed in front of the bed to chill the bare feet.

43. Observe that you are an old fashioned, out-of-date pharmacist if you have neglected to procure a copy of the revised edition of the United States Pharmacopoeia.

44. Observe that atomizers, bed pans, water-bags, breast-pumps, syringes, clinical thermometers, etc., are liable to breed disease when used by different persons.

45. Observe that it is preferable not to coat both outside and inside of a capsule with the mass. It is a waste of material which will not be appreciated by the customer.

46. Observe that the metric system is more convenient, accurate, scientific, and professional than the old antediluvian guess-work so called "systems" of our recent days.

47. Observe that you cannot keep up with all of the new remedies as fast as inventors devise them, but you should learn the dose, action, and physical properties of all that are prescribed by your physicians.

48. Observe that it is well to wrap a towel around a sealed tube of amyl nitrite when opening it. Explosions have occurred causing wounds from the glass and disfigurement on account of the inhaled fumes.

49. Observe that when Christian Scientists succeed in killing the weeds in the field they will cure the sick. When they can set broken limbs without surgical skill we will have boneless shad and roses without thorns.

50. Observe that—