THE EVENING NEWS.

Tuesday, - - - October 25, 1870.

A SIMPLE WEATHER GLASS.

This little instrument, says the *Journal of Applied Chemistry*, is prepared in the following way:

"Take a glass about ten inches in length, and one inch in diameter, fill it up with the following liquid: Two parts camphor, one part nitrate of potash, and one part sal ammonia, and dissolve in spirits of wine and add water until you have partially precipitated the camphor. The extremity of the tube can be left open or hermetically closed. The glass tube thus prepared is then fixed in a horizontal position against the wall or a board.

The changes in the weather are thus indicated:

1. If the weather is to be fine the composition of the substance will remain entirely at the bottom of the tube and the above liquid will be perfectly clear and transparent!

2. Before the weather changes to become rainy the precipitate will rise by degrees, and small crystalizations, similar in shape to stars, will be seen to move about the liquid.

2. When the storm is imminent the precipitate will rise to the top of the tube, assuming the shape of a leaf, or an assemblage of crystals; the liquid change very often takes place twenty-four hours before the change of the weather.

4. The side from which the wind will blow in a squall will be also indicated by the particles of the substance floating in the liquid, and assuming the shape of long hairy needles.

5. In the summer time, the weather being warm and dry, the crystalization will have a tendency to remain lower in the tube, and the liquid will also be more transparent.

The amount of crystalized particles that will be seen floating in the liquid will be a sure sign or indication of fine or bad weather, and will depend entirely upon the suddenness of the change in the weather which is to take place, acting in the most energetic way on the composition above described.

The value of this simple instrument, to forewarn of an impending storm and also to indicate the continuance of the weather, will be readily appreciated by those whose occupations are affected by the change of the weather."

FATALITY OF MODERN WARFARE.

A correspondent writes from Paris: A comparison between the losses of armies in the battles of the First Empire with those resulting from engagements where improved firearms have been employed will show humanitarians that the old buck and ball cartridges, fired from "Brown Bess," were much more deadly than rifled cannon, needle-guns or Chassepots.

Sadowa—400,000 men engaged; 33,000 killed and wounded; about eight per cent.

Marengo—58,000 combatants; number of killed and wounded, 13,000, and is nearly twenty-five per cent.

Austerlitz—Loss, 23,000 out of 170,000; over thirteen per cent.

Jena—24,000 out of 230,000 combatants, nearly nine per cent.

Leipzig—50,000 out of 450,000; between eleven and twelve per cent.

At Magenta the French lost nine per cent, the Austrians ten per cent of their forces. At Solferino, where the French alone used rifle cannon, their loss amounted to thirteen per cent. while the Austrians lost but eleven per cent.

M'LLE. PAULINE LUCCA has received the finest floral gift ever presented to a prima donna. She went from St. Petersburg to Berlin last season, and soon after her arrival there three Russian noblemen presented themselves to the superintendent of the royal theatres of Prussia, saying they had been delegated by a club in St. Petersburg to present the beautiful cantatrice with a bouquet as a testimonial of the admiration of its members, and they desired to know how the object of their visit could best be accomplished. M. de Hulsen was glad to assist them and asked to see the bouquet. He was told it was in the carriage at the door. He removed the coverings and saw a bouquet three feet in diameter, composed of the most beautiful camelias—(it was in the midst of winter)—while in the middle was a crown of fifty diamonds, and all around the outside hung white satin ribbons with a gold fringe, on each one of which was printed the name of a member of the club. A plan was finally arranged for the presentation. The opera of the evening was "The Merry Wives of Windsor," in which La Lucca plays one of her best roles. The singer who was to play Sir John Falstaff was let into the secret. The splendid gift was hid away in one corner until the evening. The theatre was full, and La Lucca was never more bewitching. In the last act, when she says to Falstaff, "Sir John, I will never take you for my love again, but will always count you my deer," Falstaff replied, "You take me for an ass, dear little woman, yet I love you very much, a proof of which I have had brought you in the midst of winter, a beautiful bouquet of camelias." The fair representative of Mrs. Ford opened her eyes and the audience stared. Just then M. de Hulsen gave the signal to the orchestra, who began the Russian national hymn; the three Russian in their national costume entered with the gigantic bouquet and presented it on one knee to the astonished *prima donna*. She gazed at it fixedly for a moment and burst into tears, while the audience frantically applauded long after the curtain had fallen.

THE PRINCIPAL TURKISH PORT.—Trebizond, the principal Turkish port on the Black sea, has a population of about 50,000 souls, and merchandise to the amount of $7,000,000 is exported thence annually. The facilities for intercourse with the eastern part of Asia Minor and with Persia are great, but the harbor is insecure. The Turkish authorities are not active in competition with Russia, otherwise the city would rapidly increase in importance. The imports by caniel caravans from Persia consist of raw silk, wool, silk goods, gold thread, arms of exquisite make, gold and silver filigree work. The principal countries of Europe are represented by Consuls at Trebizond, but the United States has not even a commercial agent at the port. It is stated, however, that a gentleman from the United States recently arrived at Constantinople with a commission as Consul at Trebizond. On being informed by Mr. Edward Joy Morris that the compensation consisted in fees only, and that an American vessel visited Trebizond on an average once in twenty years, he immediately returned to the United States, although he had been officially recognized.

Holl, a queer genius, had made frequent promises to his friends that he would put an end to himself. One stinging cold night he vowed he would go out and freeze to death. About eleven o'clock he returned shivering and snapping his fingers. "Why don't you freeze?" asked a loving relative. "By Jove!" said the pseudo suicide, when I freeze I mean to take a warmer night than this for it."

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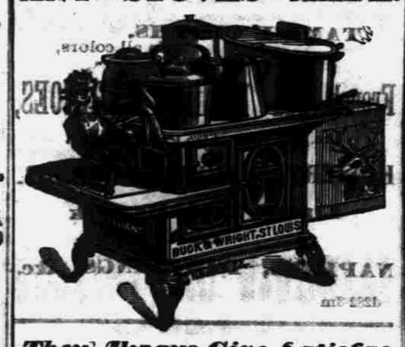

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