

CONSIDERABLE interest is being felt in these days in the laws which govern storms, and the telegraph is called into requisition to aid the meteorologist in his observations, which in the eastern States are made public through the columns of the daily papers. More than forty years ago, while engaged in the Board of Underwriters at New York, Mr. W. C. Redfield, afterwards the great American meteorologist, by a most unexpected and seemingly insignificant circumstance was led to make one of the most important discoveries of modern science. His duty called him to audit and arbitrate the claims of those whose cargoes had been lost by shipwreck in the West Indies; and, on one occasion, several vessels had foundered within a few hundred miles of each other. The testimony given by the masters of these ships, who had been rescued from the sea, was strikingly conflicting and contradictory. Though they claimed that their vessels had gone down in a storm on a given day and almost at the same hour. Mr. Redfield noticed that, in every case, they testified to having encountered the gale from a different quarter of the compass. Laying off on the map of the West Indies the location of each disaster, and drawing an arrow to represent the course of the wind, at the time it occurred, he instantly perceived that the conflicting testimony was harmonized, and that these vessels had perished in a storm rotating in direction against the hands of a watch. After this discovery he gathered an immense number of log books and other observations, from which he made still further discoveries concerning the laws which govern storms. He discovered that the storms of the American coast were of a rotary character; that they were progressive whirlwinds, moving forward on the line of an incurring spiral at a considerable rate, and that they revolve in the Northern hemisphere from east to west, against the hands of a watch, and in the Southern hemisphere from west to east, with the hands of a watch.

His published researches were followed by those of others, confirming his statements. It was afterwards more fully shown that the centre of the storm is marked by a lull or calm, and by an exceedingly low barometer. By observing the veerings of the wind, seamen can ascertain the direction of the dreaded centre of the storm, and knowing the centre, can easily escape the danger. To facilitate this calculation, Mr. Piddington, President of the Marine Court at Calcutta, prepared two Horn-Cards, (which are transparent) one for the northern and one for the southern hemisphere, which, when the seaman uses them on his chart, will inform him in what direction to steer to avoid the storm, and to get the advantage of a favorable wind. This law of storms has been demonstrated to so great an extent that it is now accepted by many as established. Meteorological observations have also shown that generally the law holds good for the land as well as for the sea, and it is believed that a solid basis is obtained for a system of storm-forecasts and storm-warnings.

The importance of these discoveries, especially to the commercial and marine world, cannot very well be overestimated, as by observing this law valuable lives and property may be saved. The instances where ships have been rescued from imminent danger by their Captains understanding and applying the law of storms, are very numerous. General Albert J. Myer is in charge of the American Signal Service, and storm predictions, based upon observations, and reports received by telegraph from various quarters, are issued from his office. They have been of great advantage to vessels about to leave port. Better for a vessel to be delayed for a short time than to venture out of port, and encounter a gale when in the vicinity of land.

It may be of advantage for our readers to know that observation has shown that "bad or worse weather usually follows shifts of wind against watch-hands" in this latitude.

In a conversation recently with an intelligent gentleman, one interested in all farm processes, and practically familiar with many parts of farming, he related the manner of washing or rather of pressing cheese practiced by a neighbor of his—a woman skilled in household economy and famous for her nice cheese. With the number of cows usually kept, it takes three days to make a cheese. Her former method was to run up a curd each morning, keeping them until the third day; then mixing old and new curds together, and putting them into the hoop and

pressing. Her practice is now to run up the curd and put it into the press at once, the hoop being about one-third full. The next morning the second curd is run up, that which was in the hoop is taken out, the cloth changed, placed in the hoop again, the top of it then scratched or broken with a fork, and the second curd put in, when it is again placed in the press, where it remains all day. The third morning's curd is then run up, the cheese taken from the press, turned, the surface hacked up with a fork, and the third curd again sliced, on bringing the first curd in the middle of the cheese. It is then pressed sufficiently, taken out and placed in the curing room. By this process the work each morning is all cleared away, and a good-sized cheese is produced of superior quality, and one as firm and solid as if all were placed in the hoop at once.—*Maine Farmer.*

THE New York *Standard* gives the following anecdote of Mayor Hall, of that city: At 6 o'clock one morning, about three weeks ago, a policeman was standing upon the sidewalk of Sixth avenue, near one of the upper streets, when he was approached by a gentleman who, pointing to the street, modestly said: "Mr. Officer, there is a stone in the street; will you remove it?" The policeman looked astonished, and said: "That is not my business; I do not look after those things; other parties ought to do that." "But," persisted his quiet interrogator, "you are appointed to protect the lives and property of the city. That stone may cause a horse to stumble, a child to be thrown out of a wagon and killed, some poor man's property to be destroyed. As a citizen, I thought I ought to remind you that the stone is there. If you don't remove it, I will have to, although I thought such things were more particularly to be done by you." The policeman, not at all ill-humored, as he afterwards related, said: "You're about right, sir; may I ask your name?" "My name's Hall; I was just looking around."

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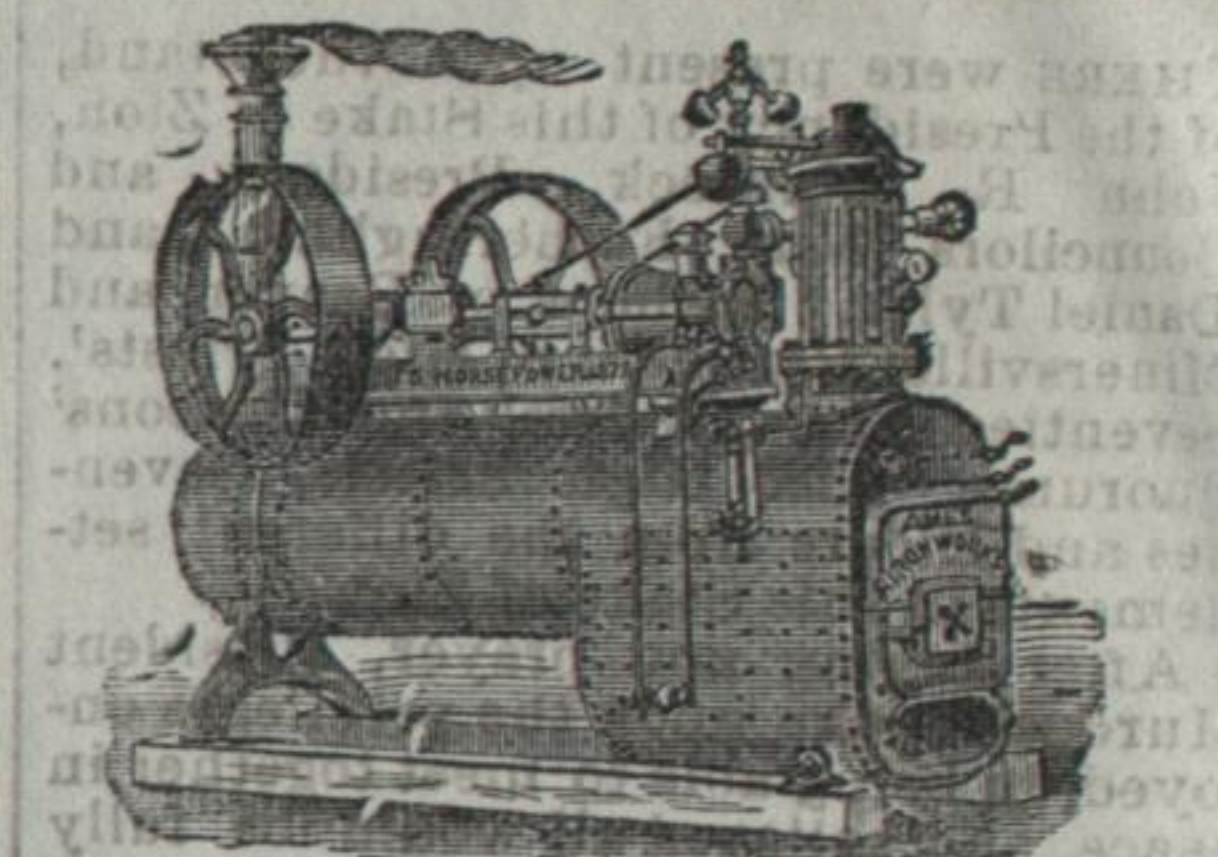
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**NOTICE**

THO Collins E. Flanders and all persons interested.—I will appear at the U. S. Land Office in Salt Lake City, Utah Territory, on Tuesday the 27th day of June, 1871, to make proof of the SE 1/4 of Section 12, Township 9, S Range 1 E, and show that I am entitled to make entry of the same as a homestead, according to law, at which time and place Collins E. Flanders, or any other person interested, can appear and show cause (if any there be) why such application and entry should not be made.

**ELLEN S. JACOBS,**  
Salt Lake City, May 18, 1871. w16 4

**ADMINISTRATOR'S NOTICE!**

NOTICE is hereby given by the undersigned, administrator of the estate of Samuel G. Clark, deceased, to all persons having claims against said estate, to exhibit the same, with the necessary vouchers, within six months from the first publication of this notice, to Hosea Stont, at his office in Salt Lake City, or to the undersigned at said office; and all persons indebted to said estate must come forward and settle the same forthwith.

**H. G. GAYLORD,**  
Administrator of the estate of Samuel G. Clark, deceased.  
Salt Lake City, May 16th, 1871. w16 4