


Eicnals of Vessele.-Collisions at Eea. trequent, and, next to fires ats have become most appalling and heart-rending. The new most appalling and heart-rending. The new
French steamer Lyonnais, noticed by us last week, was run into on the night after she left this port by the bark Adriatic, of Maine, which cut her through the middle, and it is believed that all on board-one hundred and fifty per-sons-with the exception of sixteen who escaped in a boat, have perished. The Captain of the Adriatic reports that he saw the steamer twenty minutes before his vessel struck her and that the collision was caused by the steamer suddenly altering her course. He also states that there was a slight haze in the atmosphere, but it was not foggy. Those who escaped from the steamer report the weather as being foggy, and that the Adriatic was unseen by those on board the Lyonnais. Those in the bark might well have seen the light of a steamer through a slight fog, while the $A d$ riatic without lights could not be seen by the watch on the steamer.
Whoever is or was to blame for this acci. dent we do not know, but it is our de!iberate opinion that such accidents can be prevented. The collision which sent the Arctic to the bottom of the ocean occurred in a fog, and the late one while the weather was confessedly hazy. It appears, from all the evidence gathered, that each of the vessels in both cases was driving on its course with inexcusable speed, under the circumstances, and that common sense precautions were not made use of. By the use of light signals for visual observations, and sounding signals for hearing, the position of vessels at sea and their courses in darkness and fogs could be madeknown to one another with accuracy. All vesselssteamers and sail ships-navigating the ocean should be compelled to carry colored signals at night. The ocean has now become like a great highway, by the astonishing increase of commerce, and as it was long ago found necessary for all our river steamers to carry signal night lights for safety, it has now become imperative that all vessels navigating the occan should carry light signals also. In dark nights but clear weather such signals would prevent collisions at sea.
On the Mississippi river, since all steamboats have been compelled to use steam whistles, collisions have become less frequent, and so it would be with all steamships navigating the ocean. It they would use them in fogs, and run at a low speed, we would expect that collisions between them would be prevented. It may be said that a steam whistle could not have prevented the collision between the Adriatic and Lyonnais, because it was the former which ran into the latter. This is true in this sense, but if the Adriatic had been carrying light signals, the case would have been different, and, kesides, we see no reason why different, and, kesides, we see no reason why
powerful auricular signals could not be employed on sailing vessels as well as steamships. They employ bells now, but they are so small that they can be heard only at a short distance, whereas a small steam whistle can be heard at thrice the distance of these bells. An air whistle operated by hand like a pump, could be used on sailing vessels, and it could be constructed to send forth its screams to a distance of some miles. We are therefore of opinion, that if all vessels were compelled to carry and use visual and auricular signals, at night and in fogs, that collisions at sea might be completely prevented.

## Vermont Gold Again.

The Rutland (Vt.) Herald again calls atention to a piece of gold found somewhere among the Green Mountains about the size of a dollar. It states that there are plenty more specimens where this one was found. Some of our Vermont contemporaries have talked of the golden treasures of that State for the last three years, but nobody seems to believe a word of what they have said.

85 parts of lead and 15 of antimony, make good bearings for axles and shafts when enclosed in an iron shell.

No less than seven large steamships have been lost on the Pacific coast in six years.

