

whence new scenery is visible, the magnificent cascades claiming first attention; and every one returns enchanted with his visit, and with a loudly expressed determination to go back at the earliest possible moment that the exigencies of business will permit."

#### AERIAL NAVIGATION.

In France there has been established a company entitled "Compagnie des Transports Universels,"—which, freely translated, means "Universal Transportation Company,"—for the purpose of building, equipping, and putting in operation an aerial ship, invented and patented in that country by M. Vanasse.

The inventor compares his ship to a great ocean clipper, and sets forth the essential requisites which have been studied in its construction, as follows:—1st, Capability of sailing alike over plains and hills out of contact with the ground; 2nd, Convenient means of ascent and descent for embarkation and disembarkation; 3rd, The utilizing of the wind as a means of propulsion, but with the faculty of tacking in either direction; 4th, Facility for ascent and descent without losing gas or ballast, not only to cause the elevation of the balloon to a proper mean height, but to search for favorable currents and to get out of stormy regions.

The machine is described as composed of an immense frame of very strong but light construction, of elongated form and of greater breadth than height, and of which the interior is divided longitudinally into three large compartments or series of compartments, the outer ones to contain the ascensional force distributed in so large a number of balloons as to avoid accidents from bursting or other cause which might compromise safety, and the central one to contain the travellers and the necessary organs and apparatus for propulsion and direction. Two screw propellers, placed in the rear, serve both to propel the ship in calms, and to cause its ascent or descent obliquely, without loss of gas or ballast, when the change of arrangement of the centre of gravity has given a certain inclination to the ship. There are also two lateral screws arranged forward, to be used independently of each other, for the purpose, either alone or aided by the sails, of causing the machine to

move obliquely to the currents, like a ship tacking on the sea. The power to be employed in working the screws is not stated. Below the lower gallery there is a small boat, which is to be lowered for the reception of passengers and raised up into a central well to take the passengers on board. The numerous gas-balloons are attached to the inner or principal part of the frame, the outer part of the frame serving to sustain an exterior covering. The balloons are in communication with pumps and reservoirs in the central hold.

On each side of the ship are lateral sectional sails, the sections of which are movable to moderate the vertical movements of ascent and descent and to co-operate in the oblique movements; they also serve as keels. There are also sails above and below, like the main sails of a sloop, which are manœuvred as in navigating the sea, to obtain from the wind a propulsive force and to tack in other directions.

**GIVE THE BEST REASON.**—Parents should be careful to give the best reason to their children. By so doing they will gain more respect for their authority, and so a readier obedience will be rendered. To illustrate: a child wishes to do something on the Sabbath day which it ought not to do. The parent says "no," and gives such reasons as these: "I am afraid you will hurt yourself;" or, "Other children don't do so;" or, "Your father doesn't wish you to do it." Even christian parents sometimes give such reasons, when they might give better ones. Is it to be wondered at that so many controversies arise between parents and their children? Let the best reason be given first, and let that be sufficient. Children ought to be taught that the Sabbath is God's day, and that he has commanded that it shall not be used as other days, but be kept. Why then mention any other reason for not spending the Lord's day as other days are spent, before this,—that it is displeasing to God?

#### FROST PICTURES.

Wonderful pictures—silver white—  
Gleam on the window panes to-night:  
Stately forests, and orchard trees,  
Birds and blossoms, and honey bees.  
No one can tell how the pictures grow—  
Wonderful pictures—pure as snow.

—Little Corporal.