This instrument, besides being of use in the way 1 have mentioned, is of service in many other ways; in the arts, for example, in which the temperature of the air or liquids requires to be attended to, and also for many other purposes. In short, this is as useful a little instrument as the art of man has ever invented, and although since then a great many otber inventions have fallen under our notice, this one, though little in itself, will equal in point of utility any of the later great inventions.

Montreal, February, 1854.

A groat pressure of business has prevented the publisher from sending forth this number earlier. We trust the rext may not be so long delayed.
We are in receipt of an excellent little work for juveniles, called "The Youth's Casket." It ia published in Buffalo, by E. F. Bsadle, No. 11, West Seneca Street. It abounds in interesting illustrations, and seems well calculated to improve and amuse the class for which it is designed.
A young correspondent has kindly responded to our wish in regard to the Thermometer.
The communication from "Uncle Tom" is good; but it came to hand after we had accepted another article on the same subject. We shall be happy to receive a paper from him on the subject he mentioned.
What constitutes Poetry? is a question we propose for "Rose Bud's" consideration. It is absolutely important that one should be well acquainted with the rules of Grammar before attempting versification; and we would add to that, a course of reading, comprising works of history, literature, and general information. We do not mean to discourage young poets; but simply urge them to lay a proper foundation for excellence, by cultivating a thorough knowledge of the fundamental principles of cor. rect writing. "Rose Bud" will see that her poem lacks unity of design, and abounds in grammatical ercors. Her time would perhaps be better employed in study for the present, until her taste is sufficiently educated to design and trace vut a literary composition correctly.
We vere glad to hear from several valucd correspondents, whose articles appear in this number.
We mention "Persolus," particularly. His articles are always welcome; pervaded, as they are, by excellent sentiment delicately and elegantly expressed.
A. T. C. has our thanks for his spirited description of our winter sports, and his beautiful drawing of a Toboggan party, which Mr. Walker has engraved with his usual artistic skill. The moon beams seem to have affected other correspondents also. We fancy we shall receive a number of articles distinguished for racy and interesting style : the tide sets that way; "the moon is at the full." In trum, we expect to see articles for our next, that will display more evidences of thorough intellectual assiduity than anything we have previously seen : the age is progressive; mind cannot stand still ; thought should spread wide her pinions, and soar high.

