ARCTIC EXPEDITIONS.

the present, therefore, I will only say that to a slow match, of about six yards in $leng^{t}a$, between 2000 and 3000 messages, printed on thin paper, and varnished, will be fastened in bundles, at intervals of about six inches. The match is attached to the balloon, and lighted at the moment of liberation, and as it burns away each bundle of messages will fall in turn, and be scattered over the country, while the balloon continues its course.

Mr. Shepherd has made a great number of experiments, for the purpose of testing the best materials for such balloons, and finds that gold-beater's skin is nore suitable than any other substance. The gas will be generated by pouring sulphuric acid on granulated zinc.

It is worthy of mention, as a proof of the enormous distances sometimes traversed by these balloons, that one which was liberated at Manchester, was found in the Atlantic, at the distance of 2000 miles from England.

Arrangements have been made with the Hudson's Bay Company to direct Mr. Rae to continue his search for the missing expedition during the ensuing summer, should his exploration towards Banks' Land have been unsuccessful; and, through the kind intervention of Baron Brunnow, rewards will be offered to the natives inhabiting the Emperor of Russia's American dominions for any relief which they may afford to men cast on their coasts.

This solicitude warrants us in hoping that the rulers over this great nation will take care that everything in their power shall L^{3} done to save our brave countrymen.