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Colored Velveteen—all shades.  
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### Great Seismographs.

They have been constructed abroad great seismographs, the instruments which record earthquakes, even the region shaken is thousands of miles away. One of them has a vertical pendulum, the other a vertical pendulum. The horizontal pendulum weighs 17 tons. Four levers placed in series multiply the movements of the ground 2200 times. This apparatus is so sensitive that it registers the shocks transmitted to the earth by a gas motor a mile and a half distant. The vertical pendulum weighs 2500 pounds, and its multiplying levers amplify the movements of the soil 160 times.—Washington Star.

### NOTICE!

Effective January 15th, there will be certain changes of schedule in train services on the Canadian National Railways.

For further information apply to  
J. W. N. Johnstone,  
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### USE SULPHATE OF AMMONIA

To secure large crops.  
The Best Fertilizer  
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ST. JOHN'S GAS LIGHT  
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IN COWS

### The Great Antarctic Ice Cap.

What will be the end of the world has always been a fascinating subject. Will it come in a fiery cataclysm? Or will heat die away and all life expire under an intense cold? Or will there be a deluge?

Some leading geologists have it, that this last, in spite of the rainbow's promise, appears to be more probable than either of the others. Maybe history of the earth will repeat itself then.

When the Antarctic ice cap began to form aeons ago is commenced pulling the waters of the world over the equator into the Southern Hemisphere. There are prehistoric sea margins which to-day reveal that the ocean once stood at a much higher level than it does to-day. In British Columbia and southward—along the Rocky Mountains, Andes, and highlands, and running summits of the Old World, these tidal records are found; and everywhere at an average of a thousand feet higher than at present.

It has been averred the enormous mass of water now missing is contained in the ice cap of the Antarctic. And the ice cap, increasing in immensity and weight, has slowly but surely displaced the centre of the earth's gravity to the southward until it is two or three miles from the position held before the ice cap began to accumulate.

Some scientists deduce more than that. The development, they state, of the immeasurable glaciers at the South Pole is reaching the point which may immediately precede the eruption of them into parts. Then at any time after this danger has come about the breaking up of those many billions of cubic miles of ice will let loose all the accumulated waters of the Southern Hemisphere. And it comprises four-fifths of the entire waters of this globe. These waters, when thus freed, will set in a flow northward.

THE SWEEP OF THE WATERS.  
They will surge across the equator, bearing on their surface the gigantic remains of the Antarctic ice caps. This oceanic cataclysm will gradually sweep into Australia and Africa, and invade the low-lying lands of Asia, and the Americas and Europe. These will be flooded hundreds of fathoms deep, and the ice fields still afloat remold in their passage the higher contours of the deluged lands. Only the mountain tops can escape.

The disintegration of the glaciers and ice ranges of the ice ranges of the Antarctic spells the end of this world to all its inhabited continents, for the water will engulf them. Man-kind will flee to the mountain tops. And where for ages has been all ice and snow, as at this day, a new hemisphere will come into existence and life will slowly evolve itself once more.

But, may not something similar have happened in the primordial past, and proceeding from the Arctic? The Deluge, apart from the Biblical relation of it, is discredited in many quarters to-day. Yet there is no tradition so universal in general terms. It cannot be accounted for on the hypothesis that nations in the same stage of civilization arrive at nearly the same results for the tradition of a deluge has not been—and is not—confined to civilization. Nor is it to be accounted for by immigrant influences from Asia, invading—say, the Pacific region and the Americas.

What did that good scientist, the late Lord Salisbury, once say? That is half imagination. But science is deadly accurate.

### One of the Oddest Houses on Earth.

One of the oddest dwellings in the world is that erected at Yokohama by a noted Japanese bacteriologist. It may be described as a dustproof, airproof, and germproof building of glass, which stands on the open, unshaded grounds of the hospital of Yokohama. The house is forty-four feet long, twenty-three feet wide and seventeen feet high. Large panes of glass, one-half inch thick and about four inches apart, are set in iron frames so as to form the sides of a cellular building block. Of these blocks the walls are constructed.

There are no window sashes, the air escape being through several small openings around the upper part of the second story, but through which no air from the outside is admitted.

The air supply is obtained from a considerable distance, forced through a pipe and carefully filtered through cotton wool to cleanse it of bacteria. To insure further protection and sterilization, the air is driven against a glycerine-coated plate of glass, which captures all the germs the wool spares. The few germs brought into the house in the clothes of the visitors will soon die in the warm sunlight with which the place is flooded.

The space between the glasses of the building blocks is filled with a solution of salts which absorb the heat of the sun, so that the rooms of the house are much cooler than those protected by the thickest of shades. In the evening the place is heated by the salts radiating the heat they have absorbed during the day.

So effective is the system of regulating the temperature that a few hours of sunlight, even in freezing

# "Columbus" Rubber Footwear and Quality

Salesmanship, unaided, may sell quite a lot of Rubber Footwear, but at its best it cannot create a demand for any particular line, unless that line is backed up by QUALITY.

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On our entire stock of Famous English "K" Footwear for Ladies and Gents. This is strictly a cash transaction, and no approbation is allowed.

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weather, will render the house habitable. It is only when several cloudy days follow in succession that artificial heat is needed. Then it is supplied by pumping in hot air.

Stafford's Liniment for all Aches and Pains, only 20c. per bottle.—mar.11

Minard's Liniment for Burns, etc.

Colored laces are being used, especially for evening wear. A navy blue silk veil has a corner design of Paisley chiffon.

Chiffons printed in shadow effects

will be much in evidence. Attention: frocks feature deep slashed cuffs and square necks. A tucked shirred standing collar is a novel feature of a crepe cape.