WHY SILK AND WOOL ARE EQUALIZERS OF TEMPERATURE

It appears that the electrical properties of cortain animal tissues were given to thom for a purpose, for these properties are close-ly connected with the suitability of such tissues for use as a protective covering. Says the Literary Digest : It has long been noted that silk and wool (both animal products), become electrified by friction; while linen, hemp and cotton (of vegetable origin), are totally without electrical properties. The well-known French physicist, Charles become electrified by friction; while linen, hemp and cotton (of vegetable origin), are totally without electrical properties. The well-known French physicist, Charles Henry, has been experimenting to see whe-ther this property may not be annuated in contraction of the interstices

noutral proparation that had no effect upon its appearance. The electrical properties of this silk ' ero much more marked than those of ordinary silk. . . . It was found that when this highly electric silk is heated it cools more rapidly than ordinary silk, and when it is cooled it cools less quickly than the ordinary kind. The electric properties of silk thus tend to assure constancy of

makes them so useful as clothing, either this movement determines a current of air

trifiable tissue there is during heating a tondency to cooling, and during cooling a tendency to heating."

ELECTRICAL DEVELOPMENT IN OANADA.

The Niagara Falls Park Commissioners temperature, producing cold upon elevation have practically agreed, after some modifica-of temperature and heat upon cooling. the Canadian side proposed by a syndicate of capitalists, including gentlemen from Now York, Buffalo, and Canada, represented by Genoral Field of Buffalo. The financial terms have also been definitely determined there this property may not be connected in expands; it thus is forced out of the tissue, terms have also been definitely determined some way with the ability of silk and wool rubs against it, and is electrified; being upon, and it only now remains for the en-to maintain a constant temperature, which electrified it discharges upon the tissues; but gincers of the syndicate to prepare an agreement and specifications in order that the whole matter may be submitted to the Onmakes them so useful as clothing, either this movement determines a current of air ment and specifications in order that the natural or artificial. His results are thus at the surface of the tissue and consequently whole matter may be submitted to the On-communicated to La Nature by M. Henri "M. Henry tried in the first place to increase the electric properties of silk to a charges toward its point of departure. The ment and specifications in order that the surface of the tissue and consequently whole matter may be submitted to the On-coupin : increase the electric properties of silk to a charges toward its point of departure. The ment nearly equal to that which has been considerable degree and at the same time, if air thus sets up a vibration and prevents the effected at Niagara Falls, N.Y., making of it access of cold air from the exterior, produc-He succeeded by incorporating with silk a ing a relative heating. To sum up, in elec-

