THE ROYAL WEDDING.

Marriage of the Duke of York and Princess Victoria May-

Bride and Groom Heartily Cheered-The Queen Given an Ovation in the Streets of London.

George of Wales) and Princess Victoria May park, and in the vicinity of Buckingham of Teck, an event to which all England had palace. Even in Grosvenor place, back of been looking forward with great interest, the Palace gardens, from which nothing of took place at half past twelve o'clock on | the procession could be seen, people stood palace. The wedding was a brilliant functionad was also crowded as far as could be tion, and was attended by a large gathering seen. of the members of the British Royal family, continental sovereigns or their representatives, and many members of the highest nobility. The weather was beautiful, and if there is any truth in the old proverb, "Happy is the bride whom the sun shines on," the new Duchess of York will be exceedingly happy, for a more splendid day has seldom been seen in London. The occasion was made one of national rejoicing and a partial British holiday. Great crowds of people gathered many deep along the line of route from Buckingham palace up Constitution hill, through Piccadilly, St. James street, and Marlborough gate to the Garden entrance of St. James' palace, which is situated on the north side of the Mall. The decorations along the line of the Royal procession were profuse and beautiful. The roadway was kept open by the Household troops in their glittering uniforms, by detachments drawn from the military depots, by the Metropolitan volunteers and militia, by the Middlesex Yeomanry, and by the police. The scene was full of life and movement, and the ceremony eclipsed in pomp and splendour any recent State ceremonial in connection with the British Court.

THE ROYAL PARTY.

The Royal party left Buckingham palace in four processions, the first conveying the members of the household and distinguished guests. The next procession included the Duke of York and his supporters, the Prince of Wales and the Duke of Edinburgh. The bride came in the third procession, accompanied by her father, the Duke of Teck, and her brother, Prince Adolphus of Teck. The last procession was that of the Queen, who was accompanied by the Duchess of Teck, her younger sons, and the Grand Duke of Hesse. They drove in state to the ceremonial. Each procession was accompanied by a Life Guards escort, and in addition to this the Queen had an escort of Indian, native, and Australian horse. Her Majesty rode in the handsome glass coach used at the opening of Parliament and on other special occasions. The body of the carriage, which is of Irish manufacture, was built in Dublin, is painted a dark colour, and its richly gilt panels are adorned with the Royal Arms. The roof is surmounted by a crown, and bordered with a wreath of gilt roses, thistles, and shamrocks. The cheering as the Royal carriage drove forward was immense.

ARRIVING AT THE CHAPEL.

At 12.15 the Duke of York and his escort arrived at the Chapel Royal. Five minutes later deafening cheers announced the arrival of Princess May. A fanfare of trumpets greatest enthusiasm was manifested by the multitude.

The members of the Royal family and guests, on alighting at St. James' palace, walked to the state apartments, and subsequently down the grand staircase, and under the colour court colonade to the seats for them in the chapel. Her Majesty alighted in the Ambassadors' Court, under a specially erected canopy over the glass doors of the passage leading to the chapel. Thence she walked to the haut pas at the north end of the edifice. The spot was beautifully adorned with palms and flowers from the royal conservatory, and carpeted with crimson. Upon the same platform seats early next year. were provided for the Prince and Princess of Wales, the bride and the bridegroom, and the other members of the Royal family and Royal guests from abroad. The members of the diplomatic body and the other invited guests occupied special seats in the body of the chapel and in the royal and east galleries. Drawing-room dresses were worn by the ladies, the gentlemen appearing in full levee dress.

THE BRIDE.

by her mother on the occasion of her own marriage. Her wedding gown was of silbridesmaids' toilets of white satin and silret and Victoria Patricia of Connaught. Princess Victoria of Schleswig-Holstein, and Princess Eugenie.

THE CEREMONY.

by the other clergy, performed the cere- live he replied, "Well, we will see." father. The ma nificent gilt sacramental through. plate, the central alms dish of which is said to have been manufactured in the reign of Charles 1., and is valued at \$50,000, was displayed upon the altar, which was decked with the choicest flowers. The service began with the marriage chorale, "Father of Life," specially composed by Dr. Cresser for the occasion and sung by "The Gentlemen and Children of the Chapel Royal," as the members of the choir are styled. In the middle of the service Sir Joseph Barnaby's "O, Perfect Love," a chorale sung at the marriage of the Duke and Duchess of Fife in Buckingham palace chapel, was given. The service concluded with the hymn, "Now Thank We All Our God." Mendelssohn's "Wedding March" was played as the Royal party left the chapel, the united processions of the bride and bridegroom leading to the Throne-room, where the registry of the marriage was attested by her Majesty and the other members of the

Royal family and Royal guests. BACK TO BUCKINGHAM PALACE.

On the way back to Buckingham palace from the Royal Chapel the procession was led by the carriage of the Queen. Her Majesty, who was accompanied by the Duchess of Teck, was wrapped up in a that the carriage should proceed slowly in order that she might view the decorations. people.

This gave the crowds along the route an opportunity to again see her Majesty, and she was enthusiastically cheered.

Following the Queen came the carriage of the bride and bridegroom. The newlywedded pair were animatedly talking, only occasionally stopping their conversation to salute the crowd in response to the cheers with which they were welcomed. Immense time past, crowds were assembled in the Mall, Bird The marriage of the Duke of York (Prince | Cage Walk, the upper part of St. James'

AN OVATION.

Shortly after the Royal party entered the palace, the Queen, the Duke of York and his bride, and the Duke and Duchess of Teck appeared upon the balcony. As they stepped out the crowd before them went wild with enthusiasm. Such cheering and such long continued expressions of popular approval have seldom, if ever, been equalled in London. So prolonged was the ovation that a chair was brought to the balcony and opening, but have thought better of it. the Queen seated herself. She appeared to be suffering a little from the heat, and as she sat in the chair she slowly fanned herself. Her face plainly showed the pleasure she felt at the enthusiasm of the crowd. The faces of the Duke and Duchess of York beamed with happiness, and they repeatedly bowed and smiled as the salvos of applause and the cheers of the multitude were repeated again and again. The Duchess of York looked charmingly beautiful. She carried in one hand a bouquet of Provence roses, orchids, and orange blossome.

THE BRIDAL GIFTS.

To enumerate the bridal gifts and the names of their donors would require several columns of newspaper space. Presents were received from all parts of the British dominions. The Duke of York's present to his bride consisted of an open petalled rose in pearls and diamonds, and a five-row pearl necklace. The pearls are not exceptionally large, but they are perfectly pure in color and are splendidly matched. The Duke and Duchess of Teck gave their daughter a suite of jewels, comprising tiara, necklet, and brooch of turquoises and diamonds. Much has been said regarding the opposition of the Princess of Wales to the marriage, it being stated that she did not approve of her son marrying the girl who had been engaged to his brother, even though that brother was dead. The present given by the Princess of Wales should put to rest these rumors, for it is doubtful if a more valuable gift was ever given by anyone on a similar occasion. The Princess' gift consisted mostly of jewellery and precious stones, the whole being valued at £250,000.

MODEST HOUSEKEEPING;

The young Royal couple will begin their married life on a very much less ambitious scale than many a bride and bridegroom who literally have their way to make in the world. The little cottage in which they will live at Sandringham all next autumn and perhaps next winter only contains two very small sitting-rooms besides a tiny business office for the Duke of York, and there was sounded as the Queen arrived, and the It is very simple, but prettily furnished, is only space for a couple of guests at a time. with light and seemingly inexpensive furniture, and nearly all the Princess May's girlish treasures, her stock of knickknacks and personal odds and ends with which she adorned her rooms at the White Lodge, will be sent down there to make the little nest homelike. It is altogether an ideal little house for a newly married couple, royal or otherwise, for the surroundings are delightfully picturesque, and just without the windows of the drawing and diningrooms is a beautiful lake, over which has been thrown a romantic-looking bridge. The Duke and Duchess will not take up their London residence at St. James' until

As Hard to Kill as a Cat.

Benjamin Dow, who was terribly injured in the recent nitroglycerin explosion at the High Explosive company's works, Lima, Ohio, is able to be out. His case is a remarkably interesting one. This last explosion was the third one at the same factory that he had gone through and escaped alive, although his working companions The bride wore the veil which was worn | were killed, and in the one of last November his working mate, Andy Shutes, was blown to atoms, only shreads of his remains ver brocade, in perfect harmony with the being found. Dow was blown thirty feet, trees were uprooted, their branches falling ver lace. The bridesmaids' gowns were on him, and when rescued he was unconmade with low bodices, and neither hats, scious, remaining so for many days, finally wreaths, nor veils were worn; only a recovering and returning to work, only to simple rose in the hair. The bridesmaids remain a short time when the deadly stuff were the Princesses Victoria, and Maud of went off, killing poor Robinson who was Wales, Princesses Victoria, Alexandra, and working by his side. Dow was again found Beatrice of Edinburgh, Princesses Marga, in a semi-unconscious condition, with his skull and jaw fractured, an eye blown out and shreds of flesh torn from all over his body. The doctors removed him to Mrs. Meyers' private hospital and dressed his wounds, but expected him to die at any The Archbishop of Canterbury, assisted moment. When told that he could not mony, the bride being given away by her Again his wonderful nerve has pulled him

Canada to the Front.

been pre-eminent in America. Of course in second place. Commissioner Awrey and in professional rowing it has always his splendid staff of assistants in every had that position, and Gaudaur's victory at section have worked hard to collect Austin was only another proof of the coun- | the exhibits in the first place and to try's supremacy. In the regattas that took arrange them tastefully in the space allotplace on the Fourth of July across the line. ted to them, and as a consequence the the shoulders; in the north they are quite Canadians were again to the front. At registers which are kept in each court are short. Rochester, the Toronto yachts sailed away full of the favorable comments of visitors from from their competitors in every class, and at all parts of the world. To see how their the Buffalo rowing regatta, the Canadians, own country compares with others should Curran and Gray, weneverthing they went | be a strong inducement to Ontario folks to after. The greatest victory was at Boston, | come to the fair. With all that has been when in the professional single race three written and printed, few people have the miles Eddie Durnan, of Toronto, won his slightest idea of the wonders that await first professional race, defeating Hosmer, them in the White City. A visit here is an Ten Eyck, Rogers and Conley.

The People of Iceland.

In Iceland, a nation of 73,000 people, men and women are in every respect political stages of the World's Fair work, that the whilst that of the arteries, veins, and capil becomes a positive objection, and it may equals, governed by representatives elect- Ontario Commission should look after natur- laries must be very great; the blood con- be readily believed that the good natured of ed by men and woman. The mothers teach al products for the most part, leaving manu- tains millions of corpuscles, the fair sex do not patronize the boats very the future citizens, and in all of Iceland factured articles to be collected and averaged each a structure in itself; the rods in the extensively. It is thought that the establishthere is not an illiterate after the age of by the Dominion Commission. This was a retina, which are supposed to be the ulti- ment of railroad communication with the seven; there are no poisons, no p lice, no wise arrangement, for it gave our Prov- mate recipients of light, are estimated at main land will do much to increase the white Indian shawl. She gave instructions | plutocrats, no miserable poor, but a plain, | ince a chance to do for itself in its | 30,000,000, and Meinert has calculated that | traffic of the present 250 miles of railroad

OUR WORLD'S FAIR LETTER.

Latest Gossip From the Great Exhibition. The Crowds are Coming at Last.

At last the World's Fair appears to have struck its gait, and the people are pouring in from all points of the compass, averaging 100,000 a day and over for some

SUNDAY OPENING has not been a success so far. A large proportion of the exhibitors close in their space and there seems no very general dispositi n to pay full price for half show. The chief argument for opening the gates of the Thursday in the Chapel Royal, St. James' packed and jammed. Buckingham Palace World's Fair on Sunday was that the workingmen, who could not get a holiday at any other time, might have a chance on the first day of the week, but they have notably failed to avail themselves of the privilege. Last Sunday only some 63,000 entered the gates, not much over half the day previous. It is proposed to reduce the Sunday fare to 25 cents, and it certainly looks as if something of the kind was necessary. Several of the religious bodies which had exhibits in the Liberal Arts' Building spoke of removing them on account of the Sunday is the advertising each country gets; and

Now is the time to come to the Fair. Everything is in full blast, hotels are not yet crowded, accommodations are cheap and easily obtained and the weather is not so hot as it will be later. No one need be afraid of being swindled. There are thousands of good rooms at a dollar a day, or less, in hotels within easy to make it their very first business to secure | for others than the cows. destroying process.

CANADIAN SUCCESSES. from across the water. Canada sent 162 breathed it last in a few moments. in at 32nd place. It is not so long ago- George Stephenson lived. Hon. Thomas Ballantyne, of Stratford, and you know." the late Harvey Farrington, of Norwich, should lead the world in quality, and export | but the director was aroused. last year more cheese to Britain than our neighbors.

of every factoryman.

In butter the exhibits were mostly from Quebec, and were not very numerous, but out of 40 awards Canada carried away 13, which was not doing so badly.

THE BIG CHEESE was tested by the judges and other experts, | locomotive whistle was in full operation. and the flavor and texture were found ex-

opposite the Ontario Cereal Court. mense glass roof, is exceedingly hot at unbroken strain." times, and a worse place to keep cheese in cheese and the hundred or so of smaller | ing of eighty dozen eggs. ones should not have gone completely off flavor is surprising and goes to show superior excellence of manufacture.

DAIRY TEST. In this connection I might say that in dairy test in which twenty-five each of Jersey, Guernsey and Shorthorn cows are engaged, the fine Ontario short horns are more than holding their own, two of them having given over 50 lbs. of milk a day more than once, which is the largest quantity given by any cow. The results of these tests, which will last all the season, will be most interesting to farmers, and I will endeavor to give you a summary of them as they proceed. Suffice it at present to say that the Jersey herd has led nearly all the way though in every particular, quantity of milk, percentage of butter fat and others solid and quantity of cheese and butter. The Shorthorns have run ahead on one or two days as to quantity of milk, and it is expected that their staying qualities will stand them in good stead.

The decisions in the other departments have not vet be en made public, but it is an In aquatic sport Canada this season has opensecret that Ontario will seldom be found high. advantage of a trip around the world.

FINE VEGETABLES. quitted itself in minerals, cereals, fruit, least 500,000,000 cells.

plants, etc., has already been described, but little has been said of the vegetables. It was somewhat late, owing to various causes, before the vegetable exhibit was installed, but it was worth waiting, for so attractive a feature is it, with the added honor of being the only complete one on the ground. Some of the states and foreign countries have a few vegetables or wax models of them, but in no other court but the Canadian are seen all the root products that play so important a part in farm economy. The experimental farm at Brandon displays to good advantage the prodnots of the deep soil of the prairies. Quebec and the Maritime Provinces are also well represented. Ontario occupies nearly half of the space, and her mammoth mangolds. carrots, turnips, parsnips, &c., not to speak of 182 plates of potatoes in 86 varieties are a continued source of wonderment and hard-headed farmers from the Western States express the opinion every day that a country where such stuff can be grown is not so bad a place after all. If any benefit is to be derived from international exhibitions apart from the educational feature, it certainly the Province of Ontario never had so splendid a chance before to make its resources known to the world, nor made so good use of it.

W. Young

Locomotive Whistles.

When locomotives were first built, and began to trundle their small loads up and | posed to tunnel. walking distance of the fair grounds, and down the newly and rudely constructed while prices of meals are a little high inside | railways of England, the country roads were | process, the principle of which is precisely the gates, they are as cheap as in any other | for the most part crossed at grade, and the | that of a diving bell, it has been found American city outside. Hotel and house engine-driver had no way of giving warn- practicable to sink bridge foundations to a keepers no doubt had made up their mind | ing of his approach except by blowing a tin | depth of somewhat over a hundred feet early in the season that they would reap a horn. This horn, as may be imagined, was below the mean surface of the water. Even gold harvest, but the supply of rooms so far from being a sufficient warning. If a the diver in the most modern diving dress far exceeds the demand, that they have had | cow strayed upon the track, "so much the | scarcely cares to work in a greater depth of to come down to commonsense prices. I worse for the coo," as old John Stephenson | water than 80 feet. At a depth, however, would advise everyone coming to the fair said. But by and by it became inconvenient of from 200 to 600 feet the problem of de-

a room and know where he will sleep the One day in the year of 1833 a farmer of strata becomes vastly more difficult of solufirst night at any rate; if the quarters are Thornton was crossing the railway track on tion. Numerous appliances for this purpose not comfortable he can move afterwards, one of the country roads with a great load have been successively tried and abandoned but in any case he should endeavor to be of eggs and butter. Just as he came out and it was not until last year that the within walking distance; the crowding on upon the track a train approached. The apparatus now in use was devised. street cars which those a mile or more away | engineman blew his tin horn lustily, but | have to submit to twice a day is a nerve- the farmer did not hear it. He drove Alfred W. Palmer, a civil engineer of New squarely up on the track and the engine | York city, who was commissioned by the plunged into his waggon.

The Dominion generally, and the Prov- Fortunately the firmer was not seriously | the eminent English engineer, to make the ince of Ontario in particular, has come injured; but his horse and especially his test torings for the Northumberland well to the front in every depart- eggs and butter, were. Eighty dozen eggs | Straits Tunnel, designed to connect Prince ment. In cheese Canada has practically and fifty pounds of butter were smashed Edward Island with the neighboring provhad the field to herself. There were in all | into an indistinguishable, unpleasant mass, | ince of New Brunswick, a distance o 667 entries from the various cheese pro- and mingled with the kindling wood to eight and one half miles, having reported ducing states and Canada - none coming | which the waggon was reduced. The horse | to the Government in 1890 the probable

exhibits of which 69 were from Ontario. Of The railway company had to pay the here that the apparatus described was first the 667 entries, 135 scored high enough to farmer the value of his fifty pounds of but- practically tested, and the results gave enentitle them to a medal or diploma. Only ter and his nine hundred and sixty eggs, his tire satisfaction under unusually adverse nine awards fell to the U.S., therest-126- horse and his wagon. It was regarded as conditions, the water being perpetually going to Canada. Thirty-one Canadian a very serious matter; and straightway a boisterous, and a current running generally cheeses scored higher than any American director of the Company, Mr Ashlen Bag- at the rate of four miles per hour. The one solitary lot from New York breaking | ster by name, went to Atton Grange, where | depth of the several borings required prov-

-that the industry of making cheese in claimed. "We can't have such dreadful and it was finally determined to use a 4-inch factories was introduced into Ontario by things as this happening on our railway, wrought iron tube, braced by rods in such

Stephenson was inclined to take the mat-

"Now, upon my word," said Ashlen Bagster, "why can't you make your steam The prestige of the Columbian awards | make a noise somehow that will warn these | the amount of penetration was fixed by the must tell favorably on the prices for Cana- people?" He thought of no method to ac- attachment of a large iron plate bolted to dian cheese in the British markets this year | complish this, but at that time people had | the tube. Near the upper extremity of the and thus put more money in the pockets in a general way a high opinion of the capabilities of steam.

"That's an idee, mon," said Stephenson. "Bless your soul, I'll try it!"

He went to a maker of musical instru-

ceedingly good, very much better than was ordered similar contrivances attached to all containing the material was brought to the expected, when the circumstances of its | their locomotives, and from that day to this | surface for examination and perservation. manufacture are considered and the ex- the voice of the locomotive whistle has tremely unfavorable conditions under which never been silent. Like the morning drum- placed the 2-inch tube which was driven it has been kept since installed in place beat of Britain, the whistle "following the hard into the bed of the sea, this forming a sun and keeping company with the hours, perfectly rigid, water tight, perpendicular The Agricultural building with its im- it circles the earth with one continuous and cylinder through which the diamond drill

So that it may be said truly that the lococould hardly be imagined. That the big motive whistle had its origin in the smash- tight enabled the engineers to calculate

cotton is woven are said to surpass in fine- actual construction of the tunnel. The ness not only the finest cotton, but even the heaviest storms encountered were not sufthreads of the silkworm's cocoon, their ficient to disturb the rigidity of the apthe battle of the breeds, as it is called, the softness and elasticity being even greater paratus, the drill having always maintained than that of manufactured silk "lint."

> At all public demonstrations in London, expected to attract large numbers of spectators, a system of hand signalling will be adopted by the police, so that by a code | inations without interruption. passed from official to official, men held in reserve at any given point can be instantly centred at a scene of disturbance.

Desecho, an island adjoining Porto Rico, is infested with rats. There are millions of them there, and it is unsafe for a man to set foot on the island. They have destroyed all the goats, which were formerly bred there, and are now eating the shrubbery.

cave, in the Catskill Mountains, where ice der its use extremely desirable in the less may be found on any day in the year. This extensive tunnels. locality is locally known as the Notch, and is walled in on all sides by steep mountains,

dicate the part of Italy the wearers come from; the longer the ear-rings the farther south the women come from. In the extreme south most of the ear-rings hang close to

Belgium and Holland.

education in itself, and the expenditure | marvelous. A caterpillar contains more | ing to their respective weights, paying ten of a few dollars practically gives one the than 2,000 muscles. In a human body are cents per bound, which is the rate at which It was decided early in the preparatory | ing a total length of some ten miles; sion of any extra allowance or avoirdupois temperate, chaste, educated, and intelligent strongest features. How well it has ac- the grey matter of the brain is built of at upon the island, which is now operated at a

BORING THE OCEAN BED.

Wonderful Work on the Prince Edward Island Tunnel.

Taking Samples of the Geologic Strata of the Sea's Bottom-History of the Great Project.

The dream of Jules Verne in his "Twenty Thousand Leagues Under the Sea" may be very far from realization, but science is daily revealing wonders of which even Verne did not dream. It is a remarkable evidence of the progress of inventive skill that we are to-day enabled to lower into the sea to a depth of nearly a hundred fathoms strong yet delicate machinery by which to cut out and bring to the surface samples of the material of which the different underlying strata are composed.

Though for many years past, it has been possible, by means of the ingenious apparatus for deep sounding, invented by Sir William Thompson, now Lord Kelvin, to ascertain the configuration of the bed of the sea, the use of this appliance was limited to the determination of the elevations only, and with propositions for the building of extensive and costly submarine tunnels came also the necessity for special machinery by which to ascertain not alone the depth of the water but the exact geological structure of the materials through which it was pro-

By the use of the plenum-pneumatic termining the exact nature of the earth's

The credit of the invention belongs to Mr. Canadian Government and Sir Douglas Fox, feasibility of the proposed tunnel. It was ed a less serious obstacle than the total not more than thirty years ago, if so long "What shall do we about this?" he ex- absence of stability in the boring machinery, a manner as to be perfectly rigid, and retained in an upright position by means of and it is no small credit to us that we ter with true north country philosophy, four wire ropes set out at right angles to heavy anchors.

The lower end of the tube was allowed to penetrate the sea bottom for a few feet, but tube was fixed a staging which carried the drill engine and the mechanics operating it The drill was driven at the rate of a thousand revolutions per minute.

Steam for driving and water for lubricaments, and got him to contrive an appara- | ting the drill were carried in flexible tubes tus which, when blown by steam, would from a near-by scow upon which was placed made at Perth, Ont., by J. A. Weddick, make a horrible screech. This was attach- a ten horse-power boiler and other necesof the Dominion Experimental Dairy stair, ed to the boiler of an engine, and the first sary machinery. The drill was withdrawn after each three feet of penetration, and The railway directors, greatly delighted, the core-barrel or small cylindrical case

Inside the 4-inch tube described was was operated.

The fact that the interior tube was water correctly the "hydrostatic head:" that is, the pressure which would be required to The frizzled glass threads from which repel the flow of water from the rock in the its vertical position, although the scow carrying the boiler and pump was considerably tossed about. The engineers were therefore enabled to complete their exam-

In view of the numerous large submarine tunnels now projected, it is difficult to underestimate the value of the operations at Northumberland Straits as a precedent for deep sea boring. The device will be of the greatest advantage in examinations for the proposed tunnels between Scotland and Ireland and between England and France, each of which will when completed have a length of about thirty miles. Its compara There is a point near the famous Stony | tive cheapness and practicability also ren-

The importance of a regular channel of communication with Prince Edward Island some of which are more than 3,000 feet is becoming greater year by year. At present communication is frequently suspend-The ear-rings worn by Italian women in- ed during the season of navigation owing to the violence of prevailing storms, and in the Winter the island is all but inaccessible. Irregular communication is maintained by means of ice boats, which carry the mails and which are also used for the transportation of the few passengers who are venturesome Four cities in Europe stand wholly or in enough to patronize them. A peculiarpart in islands. Venice is the best known ity of the service is that while on account of its historical past; next the men are expected to pay a regular comes St. Petersburg, the capital of Rus- charge of five dollars each and in sia, and the two last are the cities of Ghent | addition to work their passage either way and Amsterdam, situated respectively in by assisting as far as may be necessary in the navigation of the cumbersome and un-The complexity of animal structure is wieldy boat, the women are charged accordsome 2,000,000 perspiration glands, com- the mails are transported. It will be seen municating with the surface by ducts, hav- that under these circumstances the posses-