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The following Account of GUM ELASTIC, OR INDIAN RUBBER, is taken from THE BEE. By Dr. ANDERSON, of Edinburgh.

On the uses that may be made of Coutchouc, Flashic Cum, or Indian Rubber, in Arts and Manufactures, with an account of the manner of obtaining and manufacturing it.

THE fubstance which forms the object of our present disquisition is called Coutchouc, by the natives of the country where it is spontaneoutly produced. It is denominated elastic gent, or elastic resun, by philosophers in Europe; but it is now generally known in the shops by the name readers are not acquainted with. It is a firm, tough, pliable fubftance, greatly refembling fome kinds of leather; but it possesses a degree of elasticity that cannot be equalled by any known fubftance in nature. It admits of being stretch'd out in every direction to an assonishing degree; and when the distending power is removed, it recovers its former shape and amorarance. It recovers its former shape and appearance. It neither can be dissolved in water, in ardent fpirits, in acids, nor alkaline liquors, in the or-dinary facts of our atmosphere. Oils, in some measure, act upon it; but the vitriolic ether is the only complete solvent of it that is as yet known. It is inflammable, and burns with a clear fleady flame, emitting then a flight finell, not at all difagreeable. When exposed to a cold air, it is more hard and rigid than under a willder. cold air, it is more hard and rigid than under a milder temperature, but it neither becomes fluid, nor loses its elasticity, till it be exposed to a much more intense degree of heat than is ever might be made water right and incorruptible, experienced in any climate on the globe. It may, however, be melted by a very intente degree of heat; and then it affumes a thick vifcid appearance, like fome kinds of femi-fluid And having once been reduced to that state, it cannot be again made to acquire its former consistence or elasticity.

mankind hitherto been to these advantages, that no attempts have been made in any accesthat produces it, or to induce the natives to be of inestimable value; and the same at sea. fend the juice in its fluid state to Europe, where it could be properly manufactured. All that has been done is, to suffer the natives to mould has been done is, to luffer the natives to mound it into the form of a finall kind of bottles, which is found to answer some purpose among themselves; and these, when brought to Europe, are applied to scarcely any other use than being cut to pieces for the purpose of effacing marks made upon paper by a black lead pencil, or that of idly ampling children by first phing is or that of idly amufing children by ftretching it out, and observing how perfectly it again recovers it priffine form, after having been distended to a great length in any direction. We amuse ourselves with the phenomenon without profiting by it, as children used to be amused with the attraction of amber, before the phenomena of electricity were explained.

It is now time, that we should begin to make fome use of this very valuable substance, which, probably, a hundred years hence, will administer in a variety of ways to the accommodation of our descendants. With that view, I shall here venture to point out a few of the useful ing but the invention of men, whenever they can get the materials in their hands in abun-

tant purpofes it will ferve, that have not as yet been dreamt of. 1st. This substance so much resembles leather, that it naturally occurs that it might be employed for the purpose of making boots. These would not only admit of being made in the neatest shape that could be imagined, but also, by being impervious to water, or the other corrofive liquors above named, would be fuffifubstances themselves, wherever that should become necessary.

tion, and in those kinds of businesses, that require artificers to put their hands among acids or corrofive liquors, they may become highly convenient.

3d. Caps. The uses that might be made of this substance for defending the head from wet, are infinitely various, and might prove highly beneficial. A thin covering of this fubitance might be made for travelling hats, which, without adding any enfole weight, would be perfectly imperviate by wet of any kind. Every other kind of covering for the head, might be thes rendered water tight, merely by giving them a flight coat of container, which would in no featible degree after their other qualities. The means are not felected by virtue, nor directed by judgment. It is not afficient to read this truth in common actions can in particular could thus be made. Bathing caps in particular, could thus be made extremely commodious, and at a small expence. This could be done, by covering with a coat of coutchouc an elaftic flocking cap, which, merely by being pulled tight over the liead, would embrace every part of it all round, fo as to prevent the entrance of water. The stocking and the covering being equally elastic, they would contract and expand together without any fort of difficulty.

4th. Umbreilas.—Neck-pieces of filk, or other materials, cloaks or travelling coats of any fort, that thould be judged proper, could thus he rendered perfectly water tight, without de-froying their pliability in the finallest degree. It would only be necessary to cover them with by merely covering them with this matter. Veffels also for holding water and other liquors, that would not be hable to breakage, might thus be made of any first thus be made of any fize or shape at a small expence. In fhort, it would take too much room to attempt to enumerate half the uses that might be made of it in the houshold way.

former confiftence or elaficity.

This substance is now well known to be the inspissated juice of a tree. The natives in those regions where this tree abounds, extract the juice by making longitudinal incisions in the bark. It bleeds freely, and the juice, in a thick state of semi-fluidity, is collected into vessels placed to receive it at the bottom of the tree. It is then, by means of a brush, spread upon moulds prepared for the purpose, and suffered to dry in the sun, or before a fire, which, by evaporating the moissure, soon brings it to the state in which it is sent over to us. By adding successive layers above each other, it may be brought to any degree of thickness wanted; and by varying the form of the mould, it may be made to assume any shape or appearance you incline; which shape, as has been said, it will ever afterward retain, if no distending force be applied to alter it. be applied to alter it.

From this simple detail of facts, it is easy to fee, that the uses to which this substance might be applied in arts and manufactures are innumerable, and such as can be effected by no other known substance in nature. Yet so blind have mankind hitherto been to these advantages, the land count it on both sides, the land cloth item counts in ever be wetted, and of course, its durability be augmented, while its flexibility would not be diminished. Other uses to which it could be applied in the army and navy, are so numerous, as not to admit of being here specified. It is only necessary to mention, that on a minute of the substance in any access that no attempts have been made in any access. that no attempts have been made in any accef-fible region where extensive manufactures of being wrapped up like a handkerchief and could be established, either to cultivate the tree put into the pocket, might on some occasions

(To be concluded in our next.)

now that you are loading with favors a man, whom religion, learning, and his country equally difavow—deign then to liften to Pasquin, and batter its edge—Neither should the acknowledge your error. As the organ of public opinion, I am more infallible than yourself—Born of an obscure family, Maury had the baseness to blush at his origin—educated from his youth upwards in the arts of intrigue and hypocrify, he grew ambitions of the house of selected by reason, so likewise should be selected.

M. Carnot, jun. moved, "That the regiment of King's Swiss Guards be no longer in the King's service, but in the service of the National Guard of Honor be responsible to the service of ypocrny, he grew ambitious of the honors of the academy and the wealth of the church. According as either was prosperous he courted the atheistical Alembert or the jesuitical Beau mont. He preached up atheifin and calumni ated philosophy. Convinced of the weakness of his abilities, he removed his rivals from the fa cred tribunal by the most infamous accusation -In the heat of brutality he has endeavored to purposes it may be made to answer; not doubt- feize by force the favors of unsuspecting beauty and innocence, and has been known to affume the character of an affaffin to be received as a dance, will discover a variety of other impor- lover.—Decorated with literary titles, obtained by the basest a offacy, enriched by the wealth of a church he had treated with the blackest in gratitude, fill his ambition was unfatisfied gratitude, it it is amortion was unlarished always imitating the ferpent, which to raife itfelf, muff creep, he became the defender and patron of flavery, and hired out his pen to a despotic minister—this vile supporter of tyranny was invited by the disaffected clergy of Capra to introduction. France, to intrude himself among the representin water. For seamen, fishermen and others, who are by their business obliged to wade in water, such boots would be of the greatest utility. The seet and legs might thus be protectively. The seet and legs might thus be protectively of the action of even acids or alkaline but who can, without indignations for the section of even acids or alkaline but who can, without indignations for the section of even acids or alkaline but who can, without indignations for the section of the secti -but who can, without indignation, fee a train terous Judas elevated to apostolical dignity become necessary.

2d. Gloves of this substance would be so soft is only deserving of the purple of the galley and pliable, as to allow the singers perfect acflaves."

ONPRIDE.

From the Majjachufetts Spy.

As love of pleafure into pain betrays, So most grow infamous through love of praise.' T is rather whimfical, if the above

aphorism is true, that the motive to action, with the means and acquilition, should so generally reverse each the means are not felected by virtue, nor directed by judgment. It is not difficult to read this truth in common who, through poverty, laziness, or misanthropy, get into the habits of peculiarity in manners and dress, by characters-Those whimfical beings, neglecting, or combating the general opinion and tafte of the world, are not only denied its applaules, but meet is reproaches and contempt; and are no otherwise distinguished, than by their distance the wrong way from the favourites of mankind .-This is a broad subject. Perhaps it would be eafy to trace all the crimes that difgrace human nature to this one powerful propensity, the love of distinction. This is the real cause why one half of the world is bowed down, and enflaved by the burden and tyranny of the other half-why the lofty towers and the splendid monuments of human glory, have been reared and decorated in one age, and broken down and totally swept away in the next. It will ever be the cafe, while we value no more the confci outness of merit, than the attributes of it stolen from the world, by falle appearances and pretences, that true fame, like the decayed titles of a once valuable and honorable nobility, descended to a degenerate progeny, will depreciate, and lofe its original stamp and principles, in the general plander of envy, ambition, accident and knavery. And the error and evil consequences, in the one case, is a very exact refemblance of them in the other. In both cases, real worth has as little encouragement to expect, as it has of motive to obtain, the diffine tion of mankind. In a fociety where this object, to important to its glory and fafety, has loft its power to in. spire a benevolent, emulative and patriotic disposition, the weak and sim late to the Nobility, and collected ple members of it have every thing from various monasteries, &c. and deto apprehend from the cunning and powerful.

Much has been written, and many severe things faid, against pride: Yet the occasion, that the Assembly were The following Pasquinade on the Abbe Maury, it is it is perhaps as necessary a propensity a fet of Goths—An seu! reas grows out of human nature. Besounded from all parts of the Hall, caule I have wounded my finger with and the conflagration was accordingly my knife, I do not think proper to decreed. the means. And then, like the breeze the King's person, and not liable to that fills the fail, or the spurto a dull receive orders from the Officers of the borse, it adds a slimulator as well as Guards paid by the King."-This an impetus to progress and acqui- motion was adjourned.

A CURIOUS FACT.

whenever the quitted the nest, the Officers, according to their rank. Peacock (as their manner is) would destroy some of them, until at length the had left but one. A large housecat, which much frequented the garden, probably having observed now

united vigilance and care, produced a fine Pea-chick. Now the end Puls had in view, in this carious process of incubation, is submitted to the naturalift, whether the meant to contribute what she could towards the production, or, whether it was to guard the facred deposits from the depredations of the wanton destroyer.

P. S. Mifs, or more properly (fince the has a young one) Miftrefs Puis and the chicken are often feen together in the garden, while the hen at a distance seems apprehensive of no

PARIS, May 2.

WO conventional treaties are communicated this day from the minister of foreign affairs to the Assembly, and are decreed; the one with prince Loweinstheim, the other with the reigning prince of Salm Salm. Thefe two treaties, when ratified by the National Affembly will ferve as an answer to all the host of slanders with which certain powers have affected to fligmatize a great nation, who have vindicated themselves into freedom, and who wish to oppose their enemies with no other weapons than reason and justice.

NATIONAL ASSEMBLY, May 12.

ON the motion of M. Dumas, it was decreed, that the formation of courts martial should be left to the Generals who command the different

M. Gaudet made fome fevere farcastic remarks on the conduct of M. de la Fayette, and asked whether such a General should have the power of enacting military laws : Hisremarks, however, were not productive of any

The Minister for the Interior Department faid, that Paris was full of foreigners; and that he was greatly alarmed for the safety of the capital, suspecting that some dark defigns were in agitation, which the prefent police could not discover .- Referred to the committee of twelve.

Decreed, "That the immense heap of papers and parchments which reposited in the Church des Grands Auguffins, shall be burned."

M. Hufley de Robecourt faid, on

lected by reason, so likewise should sible to the Nation for the safety of

Decreed, That the Commanders in FROM THE (NEW-YORK) WEEKLY MUSEUM. Chief shall have the privilege of appointing Commandants of Garrifons, &c. from among the Captains and Of-N the month of June of the present ficers of superior rank, who, beside year, a Pea-hen in the Alms-house the emoluments attached to Commangarden, fet on a number of eggs, but dants, shall still receive the pay, as

LONDON, May 3.

Revolution in Poland. This day being the first anniversary of the peaceful and dignified Revolumatters had been conducted, now paid tion in Poland, (a Revolution which more than ordinary attention, and gave to that country a new, a nobler, took it upon her, whenever the hen and more fecure existence among the left the nest, to take her place, and Nations) a company, consisting of near lye spread very broad on the egg, un- fixty persons, dined at the Mitre-Tatil tle hen rerurned, when the would vern, Mitre-Court, Aldgate, in comvery orderly deliver up her charge to memoration of an event which so hap-the natural owner; and so it was, pily demonstrated the increasing light that in the fullness of time, their and literality of the age.