Oharch "Sinind Mnter doboromi," Thay were opposed the rope nad sirictly forlididen to enter England or France. Biont--Caunden gives the following necount of the origin of the word Mipot:-When Rollo, Duke of Normandy, eeived Gifla, thes damghter of charles the simple, King
Frunce, in marringe, turgether with the investiture of th: Frunce, in marringe, torether with the invektilure or the So
man dukedom, he would not suhmit to kise Charles's fee
 nomy, he made nnwer the the Eng Eligh tompuc, "Sint wo, by mony, he mado nunwer the the nghish the kink nnd his courtice, deriding the duke, nad repenting his answer corruptly, from ignornme of the langunge in which he spoke, esifeet him "Bigot, Whence manifestations of religions zeal gave the word its present meaning. Other mulhors mought to refer the word higot to difcerent sonrees. Malone thinke that its origimal sipnifiention was that of "a rule and barbarous" person, and that it orruption from Visigoth: thas, Visigoth, hisigot, Bignt.
Buackrtant - In all grent houses, lut matientarly in lio Buackecand - In all grent houses, hot partientarly in hoyal
asidences, there were a number of mean und disty dependenti, shences, there were a namber of mean and dirty dependenti, Whose onice (hore, in the lowext depth there whe a lownersilif) the most forlorn wretehesk seem to have been selected to carry
conls to the kitehen, halls, de. fo this smmthy reviment, who conls to the kitchen, hallis, de. fo this smutty reqiment, who nttended the progresken, and rothe in the garts with the pots
nud kethes, which, with every othor artiele of furniture, were then moved from fulace to palace, the peophe in herision gave
the name of blarkuards, a torn since hewome sulitiontly the name
finmiliar.
Mimiling.
Mbanke. When the Fleminge cathe over to fot gland they

 bears.


 that is not the manning of the word. In Paris the whald bine
 tists abd liturary men, whonemenally irregular in that itaita

 other class.





 there rentre of the shield being gemerally raised ature the
 Year 1 ans, hat it whe prepared onty ax a modirine and was
 "the water of life," ( $f$ enu de rim, a mane it still re tainse on



 of the worde. Before the menne of dewermining the true ghan
ify of alcohel in spirits were known, the dealers wer in the
 A quantity of campowder in a dish and set on tire. If at the

 gunpowder weresad to be above proof.
 town of the same mame in llussia.
Haows Srow- Mrawn Sturly (for meri-) is thught to he Herruption of brow-study.
Hent.-The term lhall, in the pontifical sense, is said hy
 fireck word, signifying seate of sigats, remmed, or of that figure of $\pi$ heart, hung about their bects like diamond rosse Phose batho came afterwarda to be hang to the dijpomas of
emperors and poper, whenee they had the nome wif halls."
 importance, seds of solid gold bellion were attached to them
by the pope, and from this arose the name of huth hiter-
 value were apponded to them, but the dirivasion immedintely lirecediug receives consideralihe countenance from the fact that
the bull creating Henry the Eighth a Defomber of the Faith the bull creating Henry the Eighth a De
hail a sebl of gold bultion atuehed to it. hat a geal of gold bullion attached to it.
Origin of the Sayine when people
Origin of the Snying, when pople speak improproly, blanders of one Obndinh Bull, a lawyer of Lemdon, wholived in the reign of King Heary Vil.
Buspen.-Bumper is n word of remarknhle origin. Catholies, of wine after dinner to the heatith of their spirithal homed, the Pope. They drank to him by the nane of phon pere, the forod falher. The words ultimately became the sigual for filling tho cups to the brim on all occasions
 secm to owe their mame to it: Burgos, bergen, l'agine; and rergn.
BlUR-Stockings.-The origin of the them Bhe-Storking is snid to have been as follows, allhough we have heard other ancounts. About the year 1750 , it was muth the fashion for might participnte in conversation with literary and ingenions men. Gne of the most. eminent memhers of those soctioties, was womankly grave, and in particular it was ohserved that
he wore blue stockings. Such whe the excellence of his con used to be snid, "We cuns iolt no so great a loss that it ktockings ;" and thus, by degrees, the title wrs established. Phunician word; hy others from the Brele, a tribe of which there are traces in Ganl and Scythiat. Among the first objecta of the I'hemician interconrse whas tin, whence the Greek mome of Consibrities, or the tin islonds, an appelintion aftermarts confined, it has been kupposed, to the Scilly isles. The
 modem Juthand, who settled in the northern parts in the sixth century.
Bracos Finks, de -From the origin of the burning bush in altogether prohable, the worship of fire, for many ages whaned over the whole habitable carth; and is still to be Her seoteh and rivh the the findoon, the beacon fires of Hexicotak and the council fres of the midnight fires of the around which they dance.
liy Hoon asd liy Chook.-This phrase, like many others in ommon use, had its origin so long ago that it is not easy to that have been made concerning it are the following:-

1. Whern Strongbow was debating with his followers on the west monle of capturing Jreland, he said that it might be taken
by 'Hook or by Crook.' 'The Fook' was the nane of a nontory furming the North-Easi houndary of Waterford Har bour, uill 'Crook Haven' was the name of another harbour on he South Coast
favour of the king whene two judges, who always decided on that it posed king whenorer his interests were concerned ho that it pussed into the proverb that whe
thing hat wanted b by Hooke or by Crooke.
:i. Afirr the lire of London, A. D. 1 GGG, during which more cirely ohliterated lyy the intensity of the conflagration lines enons disputes arose woth as to the position and the extent of h. ${ }^{2}$ estats: of thase whose honses hasd been destroyed, and all
 uminnt surwors, who, lig the justice of their decisions, gave
satisfation to all the particy, so that cach received his own by How and Crocit
wire than limit, and there iswev, that the phrase is much wer not durisel from the is good reason to belicve that it Wa not dificel from the names of any persons or places. The of fundal whure in England Tenants of land were allowed to ale" ; tre-bote: that ie, as much fuel from the landlords' forests Wh was mecesary for the maintenance of reasomable fires. But when the ahased this privilese to the serious injury of valuwre rentricted to so much as they conld tate by thook and he temat to cut down only the smallesi trees, and the crook the end of the pole was used for palling down and breaking I! the dry liranches of larser trees. We conld hardly wish a more apt monstration of the mpans of gaining a desired ob-
joct- hook,' if it is near at hand, 'or by crook,' if somewhat berond our reach, and there is almost no doubt in my mimy hat here we line the origin of the phrase.
It is considembly older than the times of Spenser even. In What Fortunes of the taithful; published in 1550, we find - 'rorik.' 'Inser, who wrote on hate must be theirs by hook fate, zive the iollowing pocsical advice regarding the protec-



## MH: PRoghess of Chemistrif in 1800.

## From the Srientific American.

Ahhobyth there have been no startling discoveries since the At of January 1870 , still chemistry has held even pace rith
all other :ch mes: and we have been called upon from time to time tu record mamerons improvements in the methods of mannfacture of various articles, and in the new application of well-known componands.
The uses of oxpren gas have been greatly extended since its hap mamuacture, and we hear of it as an important remedy a disemse, he n powerfal ayent in the production of great heat,
as a somere of light, and it can now be purchased the same as an rommon agent employed by ehemists
The rement improvement in the preparation of hydrogen bids ait to become an important step in the manufacture of Ohmimating gas, as it can be converted into carburet ted hydrone thane thas atording a cheaper and purer light than has nef thme that atording a chenper and purer light than has
hitherto leen linown. The simultaneous discorery of the cheap and romdy preparation of oxygen and hydroren opens the way to many nses of those gases hitherto considered im. pussible on account of the expense attending their manufacture; and the stady and development of this new industry must he nsigned to the first half of this year. Hitherto, in spaking of hyirgen, we have been in the habit of assigning
iew uses to it. Thit it wonld lift balloons on account of its few ases to it. That it wonld lift balloons on account of its
lovity has lomg been known, but its application in medicine a a novelty of which, now that we are likely to have the gas breathed in larer quantitios it proves fatal more. proportions it nets as an hypuotic, and we may hear of it proportions it aets as an hypuotic, and we may hear of it

## lecplessness Further us

the fincor uses of hydrogen in conjunction with oxygen for long been anticipated as a pory metals is no novelty, and ha tiom. The practical application of the condensntion of gases for the production of cold is a result that has been attained
his year moro than in any other former perion. The fact of this year moro than in any other former period. The fnct o
the possible compression of gases into liquids wis long ago ascertained by Farmany, and feeble attempts were made a fow not until wonply it for the production of cold, but it wa There wow nupers to be no donbt that the liquenction of There now nppears to he no donbe the the the the methed upon which to found the artificin production of ice on a commercial scale; and we shanll be glad necomplish all thut science pronounces as cntirely practicable
in this direction. The chemistry of the ruwestion has been fully worked out, and what remains to be done is a similar solution of the mechanical part ef the problem.
During the present year we have recorded unusual progress
in the art of photography especially in the rapidity of printing in the art of photography, especially in the rapidity of printing,
and the permanency of the pictures. the Alheritype oficts : and the permanency of the pictures. The Ahertype oncrs at with durable ink, and in colours necording to the natural appearance of the objecte, where these colours are such that they Woodburytype are amour the ink. The Abrityge and ti. of the present dar and ofer encourngement that a rapid method for the production of photographic prints has now ween attained. Photographine natural colours has made wery ittle progress during the last sis monthe, and it appears doubtrul if we shall ever be able to accomplish this desimahbe result.
In the manuflucture of glass we bave to mention the use of
salts of baryta, of thaur spar, of salts of thallium, for optical prposen, and in gencral a very satisfactory progress.
satikfaction for various purposes; but the manupecturg give hardly reached vach propgrtions , bit he manuacture has with absolute certainty upon the success of the method silue. mirrors, which at one time ware urgently puthed as a cheal and most desirable invention, have by no means displaced th. fuicksilver mirror so long in vogue; anm there wonld nopian to be some practical difficulties in the way of the taniversa! substitution of silver for mercury. From a sanitary point di fiew it is a misfortune that silver cannot take the place of mercury, as the later is exceedingly posisonoms to the workmen ; anh it was chieny from this hmmanitarian consideration that Liebig took up the investigation and devised cheap aml ready methods or sireno blass.
present year, and new and importargely increased during the to be fonded upon recent discoveries of the chepap likely ion of the permangrantes and the metal. It is now wall known that Tessie du Motay method for the manafacture of oxygengns is founded upon the nise of the oxitle of manganest and soda.
The ready way of making the mangonate of soria has surGented the use of that salt for many gurposes, and by degrese
the permanganate has been introduced and applied an a disit:the permanganate has been introduced and applied as a disin:-
feetant and for bleaching; it is for the latter purpose that thin permanganates of lime and potash appear deatined to beam. fonnded ons. Disinfecting and heaching are csentiatly small qunntities of material are required, white for the lath, the demand was math beyomd the possibility of the strpity. It has now been proved that the permanganates are among the hest bleaching agents we have, and the past few months has shown the posibility of supplying them cheaply and in ans quantity So chemical proceses of recent date is of more iniportance than this application of permangenic auid as a diein ecting and bleaching agent.
We have also to nots
Ge have also to note the uase of metalic manganese in combation with copper. Cupromanganese is a whit. ulloy rosely resembling German silver, and possessing many of the for German silver in plated ware and is aow mosmbertute and successfully anplied in Connceticut. There was inment an insurmountable olstacle in the way oithu we was iormery and that was the profluction of the necessary heat to fuse it This difficulty has now been orereome by the use of sicment furmer, and the alloy of copper and mangates is readily ac complished. Wu shall probably hear of its introdnction as
substitute for the mueh more expensire allur of nickel aun snbstitute for the murh more expensive alloy of nickel, and can now anticipate: the mannacture oi mananese sted mom largely than beiore
The proercsi
The progress in the economical use of products that wer formerly wasted, has been satisfactory during the past six
months. Earthclosetshave become better known, and by demonths. Earth closets have become better known, and ly do-
grees we shall not only avoid the waste dutouling upoin th grees system. but nlso the frequent diateses amd discomiont that custom has fastened upon us The waste of conl-tar prodacio is fast disappearing, and as we have recendy had occasion it amplication of the liguid and solid products of the distillation of conl that we expect to see retorts erected for the purpes of producing them, rather than for the manaticture of gas
Gas will lecome an incidental product, while the oline Gas will lecome an incidental product, while the olljet
songht will be the tar from which to make nuiline colons, and anthracene from which to manulaciure alizarine and art ficinl madder dyes.

The manufacture and use of the hydrate of chlorat; althoush not started this year, may be properly siad to belong to it, as it has recerved is chef developenent within the last si able contribution of chemintry to matorin medi, that has been made for a long time.
The progress made in the uses of glyerin is worthy of note and in nothing was it mere unexpected than in the preparation
of elastic sponge. Br this recent improvement we have retus of elastic sponge, by this recent improvement we have retus sponge rendered available for matiresses, cushons, and othe purposes. The use of glycerin in wine and beer and for the is also worthy of note.

## Also worthy of note Wo cannot cnumer

but have said enourh to detail each particular diseovery chemisiry has been entirely satisfactory, and fuite up to the precedents of the past few years.

To Cleas Black Cloth.-Dissolve one ounce of bicarbonat. rub the eloth, using a piece of ilannel or wack cloth for the purpose. Atter the applieation of this solntion, clean thi
cloth well with clear water; dry and iron it, brushing thi fhoth cloth well with clear water; dry and iron it, bri
from time to time in the direction of the fibre.

## TO CORRESPONDENTS.

d. K., Otrawa.-Vour verses are respecifully dedined.

Chess.


