Thus the must certain property, in Britain-the land would be rendered to be searcely of any valuc, except to be ploasure grounds for manu. facturing, lords and their dependants; It will be the same case with landed proprictors in Ca nada, if the production of our own soil is not encouraged and protected. We constder British North America as a part and portion of the British Enpire, and entitled to the same protection and concouragement as the inhabitants, of the British Isles; and had we these advantages, we could raise a large produce, which would enablo: us to buy and pay, for British manufactures, and be more certain customers than any foreign nation over will be.

It is a remarkable circumstance of the horses and oxen of Paraquay (where both species have run wild and multiplied very rapidly), that while all those, are domesticated vary considerably in colour, those that are wild have all the same co. lour: the horses a chesnut or bay-brown, the oxen reddish.brown on the back, and black on the rest of the body. The power of man in change the form of domestiçated animals so as to make them suit bis. purpose to the best advantage is very great. By attention to brceding and feeding their original, form and character may be antoniahingly altered and vastly improved. In no part of the world has this improvement been earried to such an extent of usefuluess as in the Britich Iales. There, indeedī breeds of horses, neat cattle, sheep, and awine are now brought to so profitable perfection, ass to be very unlike the original breeds. Carefully selecting both male and femalo animalơ för breeding, and keeping the progeny of'these'breeds selected, and; grod food and management every way̆, have effected thene advantageous improvements in overy spe. cies of domesticated animala in Britain.

Tas watering of the horse is a very important, but diaregarded portion of his genecral management. The kind of water his not been sufficionty, cpinsidered. The difference between what Ls termed hard and soft water, is a circumstance of general observation. The former contains certain saline principles which decompose some bodies, as in the curding of soap; and prevents the solution ol olhers as in the making of teathe boaling of vegetables, and the process of brewing. 1t is riatural to suppose that theso different kinde of water would produce somewhât differeitt uffectis on the animal frame, and such is the fact. Hird water frestly drawn fromithe well, will frequenty roughen the coait wor the horee antecastomed to it or capse griping pains, ormaterially lsosen his power of exetrion. The racing and the thanting grooms are perlectly a were of shit, iandiso is the horse, for-he will refuse the purenturaterifrom the: well) if he can obthin accoun to the runniug 思reap, or even to the furbid pool? Where there is ponfer of choice, tho manest Faior should undoubtedy be preferred.
The mimperature of watar is of, farmore, con sequence than ite handnees. . If will rarely harm if tukep fogm the pgad or running steam, buh its coldneet when recendy drawn frop the woll has often heen injurious. It hat produced colic, spamis, and oren death. It hhould therefore be expood for oome hours, if in summer, in the able or qomatank and il in tintar, it thoadd be, heated tothre proper omparatury.


supposed to chill him, to injure his wind, or to incapacitate him for hard work. It certamly would do so if immediately after drinking has fill he were gallopped hard, but not if he were suffored to quench his thirst more frequently when at rest in the stable. The horse that has free access to water, will not drink so much in the course of the day, as another who, to cool his parched month, swallows ns fast as he can, and know not when to stop. When on a journey, a horse may with perfect safety be nore liberally suppliad with water than be generally is.

## PAGE'S PORTABLE SAW MILI.

## (Continued from our lust.)

Mr.J. S. Se., br, in aletter to the publisher of the "American Farmer," says:-
i" Mr. Page has put an addition to the machine, which is very important. It runs the log back immediately after the plank is cut, and then is ready to go furward to cut another plank; after the alteration, wo sawed ágreen poplar log, 15 feet, which made 310 feet of plank. There were several gentlemen here at this tima to see the performance, and several cuis were made by time, which were as follows:-One cut was made 15 feet long and 12 inches wide, in 3 minutes and 40 seconds, equal to 275 feet per hour, or 2,750 feet.per 10 houra; one cut was made 15 inches wide, hy pushing the horses, in 3 minutes. An oak log was brought to the saw by a"neighbour of tnine, (which, by the way, was seasoned and very hard,) 9 feet 3 inches long; it was sawed into 7.8 th plank, at the rate of $2 \boldsymbol{2}$ muntes for ench plank; bei 244 feet to she hour, and 2,440 feet for ten hours." "I am fully satisfied that with four horses, one man, and a boy, it will cut 1,500 feet per doy, with. out pushing the horses, or driving them bejond their usual work. The machine attached for shingles is very simple and cheap, andiany com. mon hand can work it, ana make perfect shangles. I am of the opmion that they can be worked to a great profit in manufacturing lum. ber for market. After cating the timber,for:a large building, 38 by 51 fect, and 2 stories high, it not having been out of repair the whole time, althougli worked by common hands; I am satisfied it will be cuuraolo, and not liable to get out of order:"

Mr. John. Watchman, of the city of Baltimore, says, in the "Farmer".
"I consider it a valuable acquisition to our country, and will be of vast importance to large districts of country. I think it will fully answer the purposes of the inventor, and have backed this opinion by purchasing one for the use of my establishment, deeming Page's decidedly preferable for every purpose for which it is intended. As the machno can be cxamined in operation in this city, I invite public attention to it"

The Rev. Henry Aisquuh, of Anne Arundel county, Md., says:-
"I have tru uently witnessen the operation of Page's Circular Saw Mill, by horse power, at Mr, Selly's farm, near Annapolis. I have been so much pleased not only with is operanons, but with"he simplicity of its coastruction, and, so satisfitd of its usefulncess to every farmer who hes much timber, that I havo ordered one for my own use. The Horse Power, also'by Page, I consider one of the best; bepng simplay and durable, and less litble to get out of order than any $I$ have yet seen. As the best recommendetioui I can give, I have ordered one for my own use."

Major: R. I. Jones ${ }_{\text {r }}$ of Annapolis, under date of Feb. 7, 1841, ssys:-
"On this day I rade to Mr. J. S. Selby's farm, for the purpose of secing the operation of Mr'George Page's Horse Power, to which is atrachéd a Portablé Saw Mill. Four horsea and mules were worked, and during the time I stand there was no change of horses. ${ }^{4}$ 'Jog of green pophar, 15 feet long and 12 inches wide, Thas aimed into plank at the rate of abont 3 , minutes and 40 reconds to sach plank, equol' to 275 fést per hoor $r_{2}$ or 2,750

the log to travel on forward while cutting, and to back it for tho next. cut, worked ndmirably indeed. The whole machine is handsomely constructed, and worked with great ease, the horses not more pushed than would he necessary to work a thrashing máchine. This horse power (Mr. George Page's) is far superior to any.I have ever seen. It is simple on its cunstruction, at the same time is power. ful enough to attach 8 hurses to it, if it were necessary. Thero can be no quesilion, thet, with the attention of any peron accustomed to the mniner of workulg it, with timber of good length, say 25: to;30 feet 10 ng , and from 10 inches to 2 feet diameter, it will turn out at least 2,000 fcet for a day of 10 houre' work; it can certainly be made to cut 3,000 feet per day. I am assured it will make from 2 to 4,000 shingles per day, and those per. fecily true and ready to lay on the root. There can ulso be attached to this power machinery for boring and morticing poster, pointing the rails, ond cutting the tenons with as great precision as by hand. Thil power' will answer for every use a farmer can wish"for on an extensive farm-for thrashing the grain ; also a mill that will grind meal at the rate of 5 bushels in the houri; ind, by applying a Corn Sheller; will readily get out 1,000 huahels of corn in the icourse of a days What more does the farmer want ?"

The following testimonind of the operation of this machne, in Lnusa County, Va., appeared in the Richmond Whig, of April 30th :-
"We, the undersigned subscribers, have this day examined the Portable Saw Mill; drawn by four horses, lately put in eperation:by Mr. George Page. of Baltimore, at the. Victoria furnace, in Louisa county. It was sawing rough pine lows, and it cut 300 feet per hour. The plank was exceedingly nice, smooth, and straight. The oak timber it: had cut before we examuned; it was eqnally nice.

Hugin Goodwis, June.
Chas ' B. Cósby,

## G. B. Taymon

## P. Boxlex."

## PAGE'S PORTABLE STEAMC. SAW MILL.

This mill; wilh all its fixtorés complete; rendy for manufacturing lamber, with: a steam boller, or power equal to 10 horses ancluded, costs $\$ 3,000$.

The following specification will show the items comprising the gross sum of $\$ 3,000$, wos above named, together with the price of each, by which the reader willpercerve that they exceed that amount, viz. :-
Steam-engine and bailer of 10 horse power, portable,
Saw mill, 12 feet carnage and 24 feet
wàvs, large and strong, with a 48
inch circular,
500
Two pair of lumber wheels, for hauling
logs, and removal of engine "and
boilers,
1950
Bay canthocks, files, tets, \&ec:, .......... 5 :
Two band carte, for removing lumber when saued,
Extra length of carringe 25 feel, 50 :feet ways, 50
Bench for sharpening, rile, with saw, shaft,
Fix́tures for culling wood, a.o........... so
Six par extra heart blocks, i.................. i80

Upright roller for long plank, ,............ 18
Bands, ........... . ...........................
Elevator, with cups on buckets,.........ino 109
Windiase, with chans and lixiures, ... $\quad=175$
Extra Saw, on................................... 133
Gross amount ......................... -3,059
The Mill without steati 'power, or fargen mite? to
 leng this over, for extracarribges for preparing and rawing 3 or more logs at a time;'by which, while oris log is tering bawod then
 $.5500_{3} \times$

