 Landscape architecture.


 and water-ines must meander. To the the
rulgar mind this is by by no maans selfeevi dent, and we have, therefore, thought basis of the doctrine: Brooks and water-
corrses, in general, are apt to meander
diough it is not without example that the though it is not, without example that they
goterably straight. An Alp. Anine road
sinds up the side of the mountain. TThe winds up the side of the monotaine. This
brook seeks always to go down and it a brok seeks always to go down, and it ac
cepts a degeentifin whatever
find onearection iticich colmount a steep height gradually, an
finds about the mountain side eeekhy fo noderate grades, such as men and beasts
 tcross a level meadow the eow-path
never goes straight ; though the general
 partures from the direct course. Liookin
to the cause of these deviations from the
shortest path to the barrs which will bbe hortest path to the bars which will tb
lropped for her at evening, it will be foun
hhat the ow eset her foot aside to avoid hammock, or rounded a whiorteberry-bush,
or steered clear of a a rock or a mud hole.
Herein is to be found the oecod and sufficient justification of curved road
aud paths ; the avoidance of obstacle mall or great, bushes or forests, böllder
or mountains, is a prime cause of winding and demands, the best skill of the profese
sioal engineer. It is as short, and vastl easicr to go round the hill as to go over it
the old turnpike, stretching away straight
over hill and valley, was as sas stupid a con$\left\lvert\, \begin{aligned} & \text { and that the plant döes not need to pröcure } \\ & \text { the carbon and nitrogen from diferent } \\ & \text { sources, and to compose only the food out } \\ & \text { of the elementary substances.--Prof. Schut } \\ & \text { zensteen. }\end{aligned}\right.$



##  

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 are carrying on a propperous trades: they
have no desire for new inventions, which
if sucoessful, only have the effect of dom-
 petition which the st stimplate. Manufac
turers also bear a wrudg dagainst inventor
for the royalties payable the under
their patents, and thinike it hard that they
SOURCES OF NITROGEN: But. What is the soarce of nitrogen in
turf? The general opinion is, that carbu-
retted hydrogeñ gas is formed, of whioh the hydrogen unites itself with the nitrogen
of the air so as to form ammonia. This, not being present in the turf itself in the then of ammonia, whioh is only formed by
thisilation of animal substance
This shows that


 of Sootland, resisted, the elaims of Neeison
Henqei too, the Cornish mining.
sintenest red the claims of Boulton and Watt for royalty on thieir coỏdensing engiñe; without
which thieir mine mast have remained
rrowned with water, and conla not possibly
 tio of its use by payment of rogalty to the
invantor, was prejudicial not only to their
individaal interests but to the interesta of the public at large.
the pub
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\begin{aligned}
& \text { rive from patents any greater emolument } \\
& \text { than would flow to them without the aid of } \\
& \text { a restrictive system. while ther are fre }
\end{aligned}
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\begin{aligned}
& \text { a restrictive system, while they are fre- } \\
& \text { quently involved in tormenting litigation } \\
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& \text { cates of the abolition, of patent-right sup- }
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& \text { his time and labor to the solution of a prob- } \\
& \text { lem like this, important thought be to the } \\
& \text { national industry, without the hope of some } \\
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 Always on Hand.
. ELPZERAM APERENT APONDER

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