Carrying the Sea to Inland Cities. Among the numeronse eagiosering projects of
the age, that of currying the men to inland cities the age, that of carrylng tbe geen to inlinad cittee is, perhapa, one of the mose important. The
Arst projeot of this lind was that by wioh Glangow hase boeen made the chief port of entry
for Scotland. Situated aboat midway botween the opposite conate of that conntry, and on the banks of a river where formerly in some placee only from two to three feet of water conld bo found, it was dotermiood to so doepen mita to the eity. Up to 1851 nearly $\$ 10,000,000$ had been ppent in bringing about that result and in
preparig the throe milos of wharves and dookk
 lay woost protatable. The net income from these
improvements is now about $\$ 800,000$ annu ally, to any nothing of the immense increase of
popnlation and woalth which they have brought
to the oity.
The soa Coming up to Manchester. Avd now, profting by the example of Glas-
gow, the inhatitants of Manchester have also determined to bring the sea dircetly yp to the
looms of the great Cottonopolis of England The promoters of the Manchenter neobempo pro
pose io atreng then, deepen and wioen the hitile
 the same proceas to the hatser , river down to
Liverpool, ot that the grain-lad Liverpool, so that the grain-laden ships of Cnli-
fornif and the ooton ships of the Bouther
States oan land their States oan land their cargoes juse where they
are wanted for consumption and uase.
 canal for sea-going nhips from Manchester to saken through the depth. Tue ships will be now moved through the Suez oanal.

## An American Engineer's Triumph.

Notwithatanding the many doubts thrown out againat the probability of the sucoess of ship ohannel through the mouth of the Mise issippi by mesans of the jetty syatem, he hat
already acoomplished far more than be had already acoomplished far more than be hal
ever supposed possible at the present early stage of that enterprise. Reoent dispatohen from Now Orlenns announoe the passage out to aea of well freighted ootton ahipa through the jetties at the Bouth pass, whioh are as yet but partially oonstructed.
menced a year or so ago, the bar on that pas had but seven foet of water puoo it; now it has
a depth of nearly twenty feet, a depth almost a depth of nearly twenty feet, a depth almosi
inoredible to all but the engineers in in charge It seems from all advioes, and from those bos
ness men from England and St. Louis, an ness men from EEgland and St. Louis,
other pointa interested in the thocess of thi
onter enterprise of Captain Eads, who hase
visited the jeeties, that this masterly
triumph visited the jetties, that this masterly triump
of scienoe over the continnan obstruotoos cre. ated at the
a fixed fact.
This recalls, what Captain Eads spoke to the
citizens of St. Louia at a recent bainguet given citizens of St. Louia at a reoent basquet given
by them in his houor when he was on the point of starting on his tnterprise of deepeniog the
monto of the Misissipp: Baed upon exanat saionoene 1 might trembere not
the resant, in view of the immensity of the in the resalt, in view of the immensity of the in
teresta mhioh are dependent on my sucoess But every ntom that moves on ward in the river
from the moment it leaves its home amid the orystal gpringa or mountain enows, throughon until it in lost in the vast waters of the gult,
oontrolled by hwe as Axod and oertain as bose Which direot the march of the heavenly spherees.
Every phenomenon and apparent eccentrioity Every phenomenon and apparent ecoentrioit
of the piver, its scouriog and depositiog aotion
its curving bulks, the its curving bauks, co cormation of the bars a the sea npon its corrents and deposits, are oon
trolled by laws as immutable epe the and the engineer needs only to be anaured that he does not ignore the existenoe of any of these he aims at. I therefore undertake the work
with a fith nacces of God Himself?

Tur highest misaion of the Patrons of Husueational syatem of the country. Our sohools
and colleges, as now oonducted, seem designed and colleges, ase now oondacted, seem designeed
ondy to propare ehlildren for the learneed protes.
sions yers, dootors, olergymen, eto. The Grange ide of education, while it would secure all of the

 and manofactory, or mimproved tillerse of ine
soili and our young ludiee for their fature dusoil; and our young ludiee for their foture du
ties as housewives and matrons. There is grat wouk to be done in matrong, diretione or is an
Amerioan people will fall lamentably behind in American people will fall lamentably behind in
the reat national ruco for anperiority in which
the leading nations of the earth are now en gaged.
A Cas Loap.- It is now a matter of interees
many people to know what cona itutes a oar
 000 pounds, deend weight, an foilown: 70 barreile
lime, 7 o barrela malt, 90 barrols four, 60 bar
rels



 ${ }_{\text {green timber, } 40,000}$ feet timber, 10000 do
 of the eneniyptus. The latrat is the fol owing

 that fiver is reduoed very considerubly. The
foreman who showed me over the works mid they bad not above one cassof fover now where
formerly they bad four The that the company are planting it by the million Another beneft in said to belong to th vis: thi
mosquitoes will not come within its iofuence Sorrxstrso Fluse.- Cover them with oil and
hold them over the Are until the oil biazea; soon as the flame runs all over the file, plange it into the water. Of, pat them into a moder atel hot oven, for half an hour, if lage fien
but if amall flos, the Arrat plan in the bein.

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