> Vinegar in three days without drugs.—You will take 3 barrels, or 2 barrels, and saw one of them in two in the centre, and put one half on the top and another half at the bottom of the whole barrel. The middle barrel is to be filled with maple, beech, or basswood shavings, which are to be planed from the edge of boards only two or three feet long, which allows the shavings to roll, and prevents them from packing tight, and also allows air to circulate through them which is admitted through a number of inch holes which are to be made near the bottom of the barrel and just above the faucet which lets the vinegar run into the tube below. The top tube has its bottom pierced with small bit holes having several threads of twine hanging in them to conduct the vinegar evenly over the top of the shavings in the middle barrel. Air must be permitted to pass out between the top tub and barrel which comes in at the holes in the bottom. The shavings which fill the barrel must be soaked three or four days in good vinegar before they are put in. When thus arranged, for every gallon of water, I use ha'f a pound of sugar (that which comes out of molasses barrels is as good as any). If I with to make vinegar from whiskey, I put in 4 gallons of water to 4 1 pint" of whickly, and if from cider put in one third water, and till the top tub with this fluid putting one pint good yeast to each barrel making; and have the roles with threads or twine so arranged that it will run through every twelve hours,

ldy,

-To eral hat ked, st as f in loth then

and

et it,
other
eeten
s not
ace;
s are
baray be
oz to
s not

Vhen ik, or arrel. illons otton ielted introof the g the ngin is abothe comell of fler it know