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transirs and leviling instrumants．

wilh ordmary copying ink mixed with gamboge or ver
milion．Then sllgntly dampen the surface of the nega ive near the bottom right or left hand corner in as un obtrusive and unimportant a portion of the picture as Dossibie．Press down the paper witn the writing．upon it．
Leave for a few minutes and then remove paper，when the writing will be found to have adhered to the negative
When printed，the name will print out white When printed，the name will print out white．An
ther way is to write backward on the negative while other way is to write backward on the negative，whilean－
otherand better plan is to write the name in Indian ink on will wash of the paper before it is printed on．The ink in white where the surface of the paper has been pro－
tected by the ink．2．Please give me some information of the billiard game known as the eighteen inch balklin ame．A．We have no particulars regarding games or
（7387）M．T．says：Please refer me to Supplement explaining how to construct a medical bat－
tery，or otherwise furnish as full instructions as conven－ tery，or otherwise furnish as full instructions as conven
ient for coil and core of moderate strength．A．Com plete directions for making a medical coil a
SUPPLEMENT，No．569，price 10 centa bs
（7388）C．H．R．says：Have you the formula for making a new method burnishing ink for
boots and shoes？A．Four ounces shellac， 1 ounce borax，sufficient water．Boil to the consistence of sirup and add a few drops of strong ammonia water A small
amount of soap is sometimes also introduced．Add a
sufflient quantity of this to the ink to obtain the desired amount of soap is sometimes also in roduced．Adi
sufflcient quantity of this to the ink to obtain the desire
result．Instead of the above，soap is often used alone or with a trace of glycerine，ammonia or gum arabic．


INDEX OF INVENTIONS
For which Letters Patent of the United States were Granted MARCH 15， 1898 ，

AND EACH BEARING THAT DATE．

## 




Bearing for vertical shafts，J．Wa
Beal folding cot．．H． C ．Nemeyer．
Beet fastener．J．H．Humes．．．．．．






Cartridge capper and
Barne









 Cut－out，A．R．MeN Meill．
Cutter．
See Gear cutter．

（Continued on page 206）



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hat Tolls of Tools．



