|  |  |  |  |
| --- | --- | --- | --- |
| **Invention/Innovation** | **Inventor** | **Area** | **Drawing** |
| **Factory System- (325)**  **Brought all modes of production together under one roof** | **Samuel Slater brought the plans from Great Britain** | **Northeast** | [https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcTzZqVnA-PFnSQTqTXBlsIL3E4p_UnpeyGgpMa3PFHkp6bgQ_B2](http://www.google.com/imgres?hl=en&sa=X&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=2epDPfDdkBr7EM:&imgrefurl=http://www.makingthemodernworld.org.uk/stories/manufacture_by_machine/01.ST.01/&docid=enZlS2VpByh8fM&imgurl=http://www.makingthemodernworld.org.uk/stories/manufacture_by_machine/01.ST.01/img/IM.0118_zl.jpg&w=550&h=381&ei=3r4SUdWDCIaOygGjxYHADA&zoom=1&iact=hc&vpx=202&vpy=163&dur=936&hovh=187&hovw=270&tx=130&ty=72&sig=105485568891399458863&page=1&tbnh=136&tbnw=199&start=0&ndsp=18&ved=1t:429,r:1,s:0,i:102) |
| **Cotton Gin- (333)**  **Removed the seeds from cotton fibers**  **(50lbs a day with/ 1lb w/o)** | **Eli Whitney** | **South** | [https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcRXbacsmUvUVipmSoD8wQzRZI3-_C6Ii8YmF0Allv4sbw6Acn-7hA](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=KiV2aasZekmMHM:&imgrefurl=http://inventors.about.com/od/cstartinventions/ss/patent_X72_5.htm&docid=OgXF38zRe71JtM&imgurl=http://0.tqn.com/d/inventors/1/0/o/W/cotton_gin.gif&w=1009&h=982&ei=Db8SUcSYF4KRygGG6YHQAQ&zoom=1&iact=hc&vpx=2&vpy=148&dur=594&hovh=221&hovw=228&tx=108&ty=118&sig=105485568891399458863&page=1&tbnh=140&tbnw=144&start=0&ndsp=21&ved=1t:429,r:0,s:0,i:148) |
| **Interchangeable Parts- (327)**  **Thing could be made easier, cheaper, and fixed faster** | **Eli Whitney** | **Northeast** | [https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcSukeeFHcBI-7Nth3AnRlPTjNXcTZLsezr06m2NgjkffzQU-wIp](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=R8ZZvrgXPmGZDM:&imgrefurl=http://www.dipity.com/bctackle73/First-reliable-steam-engine/&docid=BI_mWi1gJTzriM&imgurl=http://cdn.dipity.com/uploads/events/52e1d6bd2737952d2215164ccf92cead_1M.png&w=1024&h=686&ei=Jr8SUbPVN4G9ygHJg4B4&zoom=1&iact=rc&sig=105485568891399458863&page=1&tbnh=140&tbnw=208&start=0&ndsp=20&ved=1t:429,r:2,s:0,i:154&tx=161&ty=48) |
| **Mechanical Reaper- (329)**  **Made the harvesting of grain much faster**  **(1 acre in one hour with/1/2 acre in a day w/o)** | **Cyrus McCormick** | **(Mid)West** | [https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcTEYD2he7RFH7d22gdjGIZt75adz_71P8LmEIkNrzi-4BXeaHSSvA](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=t_pTdeGpzqfKgM:&imgrefurl=http://pages.uoregon.edu/kimball/mfgR.htm&docid=55OotaoTR1WjYM&imgurl=http://pages.uoregon.edu/kimball/images/1834.McCormick.reaper.jpg&w=1106&h=611&ei=Qr8SUZXYMunVyQGGxYAg&zoom=1&iact=hc&vpx=179&vpy=169&dur=78&hovh=167&hovw=302&tx=81&ty=83&sig=105485568891399458863&page=1&tbnh=129&tbnw=233&start=0&ndsp=18&ved=1t:429,r:1,s:0,i:112) |
| **Steel Plow- (329)**  **Helped farmer open up more land to plant more acres** | **John Deere** | **(Mid)West** | [https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcSiMekyqKjtsMM-ro2dQ0fQQGi0v-g5VCMb0PhBxNXVUE79-5HU9A](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=Ig5N1rIsoiJ-1M:&imgrefurl=http://www.retiredtractors.com/Plows/jdpics.html&docid=MLwYhRQpv5qCiM&imgurl=http://www.retiredtractors.com/Plows/RepoPlow.jpg&w=617&h=371&ei=Wr8SUcWkDKPsyQHzzoHACA&zoom=1&iact=rc&sig=105485568891399458863&page=1&tbnh=125&tbnw=247&start=0&ndsp=17&ved=1t:429,r:0,s:0,i:82&tx=182&ty=43) |
| **Steamboat- (328)**  **Help improve river travel especially upstream, reduced cost of shipping goods** | **Robert Fulton (perfected the commercial steamboat)** | **All Regions** | [https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTwkxA4tiCkorrWVbg_Gpi-fCi0IF_T_Wig4cJIxom91riqWLsC](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=8XKEdmjIuZ-lUM:&imgrefurl=http://blog.insidetheapple.net/2010/08/robert-fulton-and-age-of-steam.html&docid=-ReZTHM3BmQUCM&imgurl=http://3.bp.blogspot.com/_2mEOemJmE7E/TGrguiygoTI/AAAAAAAAAhs/VDL9okVzQcI/s1600/024-North+River+Steamboat.jpg&w=1508&h=1174&ei=fb8SUdSYGuKFywGlv4Fo&zoom=1&iact=hc&vpx=383&vpy=227&dur=47&hovh=198&hovw=255&tx=139&ty=193&sig=105485568891399458863&page=1&tbnh=140&tbnw=180&start=0&ndsp=18&ved=1t:429,r:8,s:0,i:120) |
| **Telegraph- (323/329)**  **Improved communication, allowed business to check prices and supply** | **Samuel Morse** | **North and West** | [https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcSH_MGBO0U4gYB24AGiEdo2rYH5mPOal5_KcZ3Hjv4Chb_Nluxe](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=yysCeAYZIpHs2M:&imgrefurl=http://blog.freepricealerts.com/2011/08/19/best-gadgets-ever-invented/&docid=rSWWAuwm7X87fM&imgurl=http://blog.freepricealerts.com/wp-content/blogs.dir/2/files/2011/08/telegraph.jpg&w=1000&h=787&ei=wr8SUfnMEOLsyQHJrYAI&zoom=1&iact=hc&vpx=2&vpy=157&dur=999&hovh=199&hovw=253&tx=147&ty=95&sig=105485568891399458863&page=1&tbnh=137&tbnw=196&start=0&ndsp=19&ved=1t:429,r:0,s:0,i:161) |
| **Erie Canal- (322/339)**  **Artificial waterway that connected the Great Lakes with Atlantic Ocean, reduced cost of shipping goods** | **Dewitt Clinton (Governor of New York)** | **North and West** | [https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcQUuHLNW0FfSFrjrA1l2MlbrO-I1r3MQJJnRJzfs_CbXDZCJEh9fw](http://www.google.com/imgres?hl=en&tbo=d&biw=1311&bih=543&tbm=isch&tbnid=5GuPvfUk7kFxsM:&imgrefurl=http://en.wikipedia.org/wiki/Erie_Canal&docid=faJUUZ8FYKHXVM&imgurl=http://upload.wikimedia.org/wikipedia/commons/thumb/8/8e/Lockport_bartlett_color_crop.jpg/288px-Lockport_bartlett_color_crop.jpg&w=288&h=229&ei=4L8SUeS2M6nDyQGesICQDA&zoom=1&iact=hc&vpx=277&vpy=168&dur=16&hovh=183&hovw=230&tx=105&ty=80&sig=105485568891399458863&page=1&tbnh=142&tbnw=198&start=0&ndsp=11&ved=1t:429,r:1,s:0,i:151) |