

CHAPTER 11 NOTES on technological changes

Agricultural Revolution

- John Deere (yup, him) - *steel plow*
- Cyrus McCormick (think tractor manufacturer) - *reaper*
- Eli Whitney - *cotton gin (engine)*
 - enabled first a 50x increase, then a 1000x increase in production
 - cotton growing became profitable □ "King Cotton"
 - production rose with demand from 3,000 bales to 400,000/yr.

Industrial Revolution

- from hand work to machine work
- from domestic system to factory system
 - implications for the family
 - growth of city/urban as opposed to rural living
- James Watt (Scotland) - invented the steam engine
- Singer & Howe - sewing machine

Transportation improvements

- flatboats & keelboats
- steamboats (Robert Fulton) □ time and costs slashed
- canals - Erie Canal ("Clinton's Ditch") ⇒ settlement of West *again, time and costs slashed*

- Railroads (gov't financing--!)
led to unifying of country, easier/cheaper transportation
- all this led to greater American material prosperity

Pony Express – after two years, put out of business by the...

Telegraph – Samuel F. B. Morse

transatlantic cable – successful on THIRD attempt -- !

TERMS:

investors – use *money* to make money

laborers – use *hands* to make money

12-15 hours/day, 6 days/week, very low wages

men, women, & children

immigrants – German, Scottish, Irish (potato famine)

corporations are "owned" by investors
who buy stock, hoping to earn dividends

Second Great Awakening

Sequence of any revival:

1. Church has gotten sleepy / lost souls all around

2. leaders raised up

3. Church is "awakened" (revived)

- Concern for lost
- Concern for society
- Concern for missions

4. Opposition comes

- In Second Great Awakening – cults sprang up

- The 2nd Great Awakening started when **Wesley** (England) sent **Francis Asbury** to train **circuit-riding preachers** in US
- Circuit Riders – preached around a regular route on foot, later horseback

Preachers/Evangelists

1. James McGready – pioneered camp meeting revival
2. Peter Cartwright – the "horseback evangelist"
3. Chas. Finney – over 1/2 million converts, 80% stayed true forever
4. Richard Allen
 - Founded AME church
 - Black circuit rider

Christian Literature

1. ABS
2. Methodist Book Concern
3. American Tract Soc'y

Missions

1. Home Missions
2. Foreign Missions (Haystack Prayer Mtg.)
 - Samuel Mills
 - Adoniram Judson
 - Collin Teague & Lott Carey
 - Jonathan Goble