AMERICAN INVETIONS IN THE NINETEENTH CENTURY

THE dead nineteenth century has been a great period for inventions. Millions of dollars have been invested in these inventions, and the products of the century are being used all over the world. The list of inventions is long, but only a few of the most important will be mentioned.

The first invention of the century was the steam engine, which was invented by James Watt in 1769. This invention made possible the Industrial Revolution, which changed the face of the world.

The next invention was the telegraph, which was invented by Samuel Morse in 1844. This invention allowed people to communicate over long distances, and it was the beginning of the age of instant communication.

The invention of the telephone by Alexander Graham Bell in 1876 was another important development. This invention made it possible for people to talk to each other over long distances.

The invention of the automobile by Karl Benz in 1885 was a major development in transportation. This invention made it possible for people to travel quickly and easily.

The invention of the airplane by the Wright brothers in 1903 was another important development. This invention made it possible for people to travel through the air.

These are only a few of the many important inventions of the nineteenth century. The inventions of this century have had a profound effect on the world, and they continue to shape our lives today.
Large Expense
on horses
stopped at once
and slipping completely and surely pre-
vented—giving your horse a free, con-
fident, firm footing on any kind of icy
or slippery road,

by the Goodyear-Akron perfect
Rubber Shoe

$1.50 a pair complete
ready for use

$1.50 a pair complete
ready for use

Halves

Shoeing Bills

DOUBLE horses’ work. Value. They save
the pounding concussion that rips
makes him lose his balance. They improve
his action and looks. They reduce a horse’s
sweating price. They make life and work more pleasant
for him. They are “wings” for a horse’s feet.
Whether you own one or a hundred horses you should have at once
the facts about the Goodyear-Akron Shoe. Every day you delay costs you
shoeing bills and horse value. A Goodyear-Akron Shoe is a com-
bination of materials with a peculiar sort of rubber
pad that wears better than steel. It is a new
production of rubber which no other manufac-
turer in the world can produce. It is a miracle for
horses.

An Offer

Set your horse’s hoof on a piece of paper, draw outline of hoof with pencil, mail to us and we will send you prepaid
a pair for either front or hind feet, complete ready for use,
on receipt of $1.50. Put them on and try them, and if after-
wards they are not the best such a boon to both horse
and driver, and almost a half saving in shoeing bills, and
a thing you wish never to be without, we will refund
your $1.50 in full.

Certainly this is a proposition which speaks for itself, and it is made by

The Goodyear Tire & Rubber Co., 10 Ann St., Akron, Ohio.

Yachts ... Launches

Wood or steel constructed. Gasoline
or steam. We build everything from
$1,000 boat to $100,000 yacht and guarantee superiority.

Gasoline Engines, 2 to 60 H. P.

Our 20 ft. Family Launch $375

Length, 20 ft.; Beam, 6 ft.; Draft, 2 ft.; 6 in.; Power, 30 H. P.; Capacity, 12 persons.

Michigan Yacht & Power Company,
1911 10th Ave., Detroit, Mich.

A PRIVILEGE

None Away Kept.

It is curious to observe how hard it is for
some people to give up coffee drinking after
they have become, at least half satisfied, that
it is the cause of their ill health, but it be-
comes an easy task to give it up when one
takes Postum Food Coffee in its place, provid-
ing, of course, that Postum is made accord-
ingly, of course, for the healthful, beauti-
ful, and satisfying taste, while the rapid
improvement in health clinches the argument.

A young lady at Cambridgeport, Mass.,
was always known to me plainly
that my ill health and nervousness
were largely due to the coffee habit. I realized
that I must give it up, but it was next to im-
possible to do so. However, I made the trial
and took Postum Food Coffee, with the mental
resolution of the “principle,” as I termed it, of
drinking coffee once a week.

"Louis did I dream what a true friend Post-
um was destined to become to me. The old
stomach trouble left, the nervousness van-
ished, and good, natural, healthy sleep came
to my relief. In less than six months I felt
the another person. I was so well and happy.
"The reserve privilege” is reputed to be useful
in regular coffee was thrown to the wind.
I have not the slightest desire for it. In fact,
I very much prefer my Postum to say coffee.

ARTIFICIAL LEGS AND THE
PHONOGRAPHER

Artificial legs are truly American in their
origin, for the first patent in this line was
granted to B. R. Palmer in 1849. The
modern men are so perfect that any one
fortunate to possess one even ride a
bicycle. And that brings to memory the
wheelchair, patented in this country in
1818 by W. G. Clarkson. Even the pneu-
matic tire is of American origin, having been
invented in 1845 by B. W. Thompson.

Later, of course, invented the phonographe,
the original voice and sound reproducer. Before
his discovery in 1877, attempts had been
made to reproduce the human voice, but with
out success. It was not until the American
wheel evolved its machine that a triumph
was achieved. He, too, is responsible for the
numerous music-picturing machines now
in existence, for his invention was the
original, having been patented in 1829.

"TALKING MACHINES"

The phonograph, itself the number of a
big band of related inventions, is far in
advance of the bicycle in the ball in itself
worthless machine of the Wizard of 1877.
So far the public has toyed with the
phonograph and the moving picture. They
have been largely, indeed extensively, as far as
the bulk of those enjoying them are con-
tained, the toys of our laser days, but time,
quickly, will prove their scientific and more
useful value. Films for use in making mov-
ing pictures are now preserved in many Stae-
itals, and a complete set of kinetoscopic views
of the Queen’s Reign pictures are
preserved in London for the benefit and en-
lightenment of future generations. This
same voice from many bodies that are now but
muttered sounds on the earth’s crust are
all preserved for years yet to come.

The practical use to which the phonograph
may be put is increasing daily. The business is to
record as such a teacher of languages. Schools
and families unable to afford the services of a
teacher from whom the correct accent can be
acquired find an excellent substitute in the
phonograph into which a highly paid profes-
sor of languages has dictated the lessons in his
own accent. This machine is also used as a substitute for the stenographer
in the dictation of letters, and even actual correspond-
ence is carried on by its means.

SOME OTHER INVENTIONS

Gas, too, belongs to a degree, to American
inventiveness. For in 1866 David Mitchell of
Newport, R. I., lighted his house with gas
made in his house-made apparatus. Even
the method of making what is known now as
Benzene steel owed its discovery to an
American, William Kelly, who obtained a
patent on the process in 1837. Nearly all
the principal improvements in the spinning
industry are due to the brain power of the
American Inventor—from Whitney’s cotton
gin to the more complicated spinning ma-
Chines.

Not least among modern inventions is the
new writing pad, first patented by a.
L. Deussen of Boston in 1848. The first prac-
tical writer was also an American, having
been patented by Hussey in 1833 and a year
later by R. C. Smith and F. S. McNew. Since then all sorts of
agricultural machines have been devised, each one
more remarkable than its predecessors and near
ly all Americans in origin. This list could be lengthened out indefi-
nitely, for American ingenuity is seemingly endless. There remains but to
note that America’s share in the inventions of the world
during the nineteenth century is fully commensurate with her position among na-
tions—first. And, as some one remarked to Queen Victoria, when America won the
America’s Cup—"There is no second."