Women as Inventors.

Date: 1891; see page 3.
What women have endured.

The recent centennial of the United States Patent System, quickly enough recognized sex in inventions. Probably women, if the questions had been put, most of the delegates to the Convention and most of their auditors would have recognized but one sex in inventions. So vague and imperfect is the knowledge concerning women as an

involved

If "necessity is the mother of invention," women ought to figure conspicuously. The line of the majority of the sex fails to completely include the triumph of that same mother. Consider it true that the maternal faculty is

harm and fertile in women. But it is
directed in the needs of the household,

mainly. To women, containing a spirit

spry wardrobe from the demands

of front springs, to furnishing great

chimneys of braziers, to providing

calories and while place cells, to

planning dinners from cold prices

and to presenting Christmas gifts.
to a hundred friends on an allowance of not much more than that number of miles. It is not confined to these private lines, however. It has appeared in public and, creditably, a member of

The kindly and skillful direction of the Model Hall of the Patent Office, Mr. R. C. Gill, has made it possible for me to know the exact extent to which women have figured as a patentee. Mr. Gill has compiled a complete record of her of patentee from the earliest days of the Patent Office. In 1885 the Record was first published, complete up to July 1st of that year. In addition to this published list, I have, thanks to the courtesy of Mr. Gill, a manuscript list of patents granted women from June 30, 1885, to Dec 31, 1890.

There is nothing surprising about the number of the list of all with the patent granted women from the time when Mary free May 5, 1807, claimed the sole nothing silk a device for weaving straw silks with silk or thread up to the close of the record in 1890.
The growth is in harmony with the increase in population and the opening of public life to women. Since 1836 (only 28 patents had been granted before that date) no year had been without entries. The largest number at any one time was in 1877, 1878. In 1890 150 were granted. Last year, 1890, the number fell to 128.

In nearly all cases the patentee are Americans. Just fifty foreign women have protected inventions in one country in the past 100 years. Some stated recently in the newspaper that the first American woman to take a patent was Agadalena Goodman of Florida in 1849. This is an error. All can one of the patentees previous to 1849 were Americans, the first being from Connecticut. The names undoubtedly arose from the fact that Mr. Gill's first record did not contain the addresses of the early patentees and that one who wrote up the subject from the printed list-arranged foreign to residence, wrote 1849 as given. Theodore Sewell, of the early patentees, has been obtained.
Though this record contains only
vast facts, the names and addresses
of the patentees with the names of ac-
riees patented by the date, it is by no
mean dull reading to one interested
in the woman question. It brings a
thrill of real satisfaction to find in
the patent of unnamed, at least, two eminent
living women, Miss A. D. T. Whitney and
Hannah Torner. Miss Whitneys paulei
is in alphabet blocks. The principle
in which they are constructed has been
them warmly welcomed by parents and
teachers, but opposition has now
been pushed, for lack" Miss Whitney
wrote me, "if any channel remain for
I am too busy to follow it up until
expenditure of time and money, but
it is there. We remain until called
for." Miss Torneris paulei is on
an artificial marble.

The great majority of the paulei
are full improvements in articles of
dress or for household contrivances.
The crease has been a regular subject. The second paulei grown
by the D. S. to a woman was paulei.

The...
court and the grant has been repeated
with astonishing frequency ever since.
If a rough outside of the styles of the last
30 years could easily be made
from this record. The decline of
the hoop-skirt is distinctly marked.
The inflation and collapse of the shae-
rite can be traced without difficulty.
The reign of that form of dress decora-
tion known as plaiting is dated
indicated by the rise and fall of
plaiting machinery. The day of crum-
pled fabric can be told by the browning
papered cloth. The state of long
shirts for this shirt is marked by
shirt-adjacents and elevators.

All sorts of shapes and bands,
supporters and garters figure in the
palace. It makes a woman clad in
the modern sensible style - combinations
undergarments, and sennuities with-
tial coats, lace garters, and all
not-detachable garments. It was once
monied and confined because groan
will pity to read the bill. In their
efforts to obtain ease women have pa-
tailed for thousands of papers suitable
only for falter cliter...
This is an invariable pattern in the household list. Such pernicious efforts to conquer dish-washing! In spite of all the many devices nothing equals the hands and cloth. Spoke and time have been withe ignoble annihilated by invention, but device remains as

harrowing. Machines likewise الشرية

to the efforts to make brains replace drudgery but the lid and board still

In many minor household matters, the invention of machines has been more

desirable. The first ice-cream

freezer was a woman's idea. Many

of the best graters, egg-beaters, and

dust-pans are still contrivances. All

of the small time-consuming or

trivial matters of the household has

engaged their rule; none among these

toilette will be found a pain in the

a strawberry-bulder, a fruit-corer, an

apple-ester, an implement for splitting

and joining sage, an attachment

for carrying off vapors and odors

from white maries from cooking house
and a contiuance up holding paper one
in the own.

The necessity of the making the most
of the space in a small house has
resulted in many peculiar
combinations: a bath tub combined with
a desk bureau, a book-case with a bed,
bed, a wash bowl with a water closet,
the table stand in one piece, a linen
table a cabinet in another, a window
cleaning and a fire escape. The fire escaper
or a forcible ventilation will mem-

me my peculiar device makes an escape
from a bed spring. It is not alone from
the tanto-stee feminine ingenuity.

that sought deliverance, but from struggles
from sea drowning and from burning.

7. Dry-rolling machines

serve public appliance, sewing machines
and equipment. The history of each room
combined, all in medicines, are among
the minute to the feminine inventive
faculty. Indeed, any occupation in which
women engage offers that they have taxed
their ingenuity to overcome its difficulties.

and are many important and successful
inventions, especially behind the range
of women's natural talents. Few women
and, while the blind or deaf would remain.

The Latin term for puddling was "albus," which is also found in Latin.

In history, the Roman alphabet was developed from the Greek alphabet, which itself was derived from the Phoenician alphabet.

The name of the Roman ruler Julius Caesar was also given in this manner, as "Caesar."
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adadadadaadadadad
to see it. His record ought to be eliminat-
ing. It gives ample proof that the
sex has inherent faculty. The large
increase which has resulted from some
of the umożliwia and the moderate-
increase which have attended a major-
ity show that when a woman has a
good thing, it pays to take it and
profit it.

Invention is a legitimate business.
There are few things so perfectly done
that they cannot be improved upon.
The woman who finds an easier,
cheaper, safer way to do doing any
branch of household work. This makes
an improvement in her own or her
children's garments, who devises an
entertaining toy, a new school article,
a device whistle is useful in any
machine, in any middling, in any
work, is in duty bound to give her
discovery to the world. The fact of her
being of woman in no way relieves
her obligation; it is no way hinders
her opportunity.

If she is sensible, she will
keep her idea to herself until she is
Sure, it will be ready to find it out if she tries it. She will decide if it is really practical to manufacture it for the local market. If she is satisfied with it, she will go back to her hat-making business and figure out how to make it more efficiently.