

hotel in this town where a woman will find that convenience.

One trouble in getting private houses to use electricity is that they don't want to tear up the house to have the wires strung. The fine new houses are being provided with electric wires in the building, and many of the old ones have had them put in, but people are slow to make radical changes of any sort. Physicians have been about as ready to avail themselves of the new opportunities as anybody. A great many of them have an office wire which taps the street wire and use electricity in cauterizing and for regular electrical treatment. It does away with any fussing with batteries, and is always ready. Dentists do the same way. But when it comes to really domestic uses we have to admit that electricity has gained ground very, very slowly.

Some novelties in electric lighting arrangements have recently been introduced into the market. One of these is a portable light such as a house-keeper might like to have for making excursions into the cellar, or for rummaging in closets or dark attics where any other sort of light would carry with it a danger of setting fire to the house. It could be used in safety for looking for a gas leak under circumstances where the usual seeker carrying a lamp or lighting matches is apt to be landed in a hospital immediately after finding the leak. The lamp is a little cylindrical affair with an electric glow light at end and the battery which supplies the current hidden in the cylinder. A touch of the finger makes the lamp glow, and it ceases to give light as soon as the finger is removed.

Another handy lamp is one for night use in bedrooms, which is adapted to take its current from the ordinary dry batteries that are in common use for ringing call bells and such purposes. This can be put up permanently be-

side a bed or set in a chair with wires connecting it with the battery. For the workshop a clever new arrangement is a socket for an incandescent lamp, which conceals the windings of an electro-magnet and has its core extending through and beyond it at the top. The current going to the lamp energizes the magnet, and the workman can hang his lamp up anywhere where he can find a rod, a pipe or a plate of iron to press it against. The magnet will hold it there as long as he wishes.

Some manufacturers have begun to make fancy bulbs for the incandescent lamp, ornamenting them with pretty patterns by means of the sand blast or making the lower part of the bulb white in the same way, thus reducing the glare of the light thrown downward. Since the business of repairing burnt out lamps has grown to large proportions and the work is done cheaply, the investment in fancy bulbs for the household could not be looked upon as an extravagance. A foreign manufacturer makes a bulb covering of a spiral of glass wire, the purpose of which is to reflect and refract the rays of light emitted by the filament within in such a way as to make the whole bulb appear to glow instead of one's seeing only the brilliant line of the filament itself.—*N. Y. Sun.*

Written in the splendor of sunlight ;
graven in the mellowness of moonlight ;
emblazoned on the azure sky by the
marvels of heavenly systems, every
star a character, and every constellation
a sentence ; unfolded on every
wave of the unfathomable and ever
changeable ocean ; inscribed upon every
verdant field and golden harvest ;
traced upon every flower and leaf
whispered by every breeze that sways
the undulating prairie, or makes the
mighty forest vocal ; emphasized by
mountain peak and snow-capped sierra :
thundered by roaring cataract ; mur-