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Cookina Stove-J. K. Hyde, of Troy, N. Y.
Inventions Exannem at the Patent Office, and ad vice given as to the patentability of inventions, befor the expense of an application is incurred. This sen
vice is carefully performed by Editors of this Journal through their Branch Office at Washington, for the emall fee of 45. A Aketch and description or the in-
vention only are wanted to enable them to make the vention only are wanted to enable them to make
examination. Address MUNN \& COMPAN.

## No. 128 Fulton street, New

## Minerals of California.

The Santa Cruz (Cal.) Sentinel contains a brief account of the great mineral wealth and the variety of minerals found in the California coast range of mountains. It state that these elevations, extending through the counties of Santa Clara and Monterey, and bounding the western line of the Tulare Val ley, is little known to the geologist, mineralogist and paleontologist. They contain the quicksilver mines of New Almaden and New Idra; gold is known to exist in San^a Cru many years been many years been opened at Alisal; and silver,
almost pure, has been found near Pacheco's Pass. Other minerals also abound, among which we may enumerate copper, lead, cobalt, chrome, antimony, copperas, alum, saltpeter, gypsum, alabaster, lime rock, assils of and coal veins of great value. Fosmammalia, polypi, and of vegetation are so extraordinarily abundant throughout this region that it is more curious to see the geolo gical formations without fossils than with them. The range offers to the mineralogist and paleontologist one of the richest fields of observation on the face of the earth, if not the richest-exceeding the mauvaise terre of Nebraska. Humboldt and other travelers in the Peruvian Andes, mention the existence of fossil mollusca in the immediate proximity to the richest mines. It seems that our Pacific coast range shows similar indications for th future.

## Camphor Ice.

This substance, which is a very delightfu thing to rub on the exposed parts of the per son, to prevent chapping and sores from cold, is made as follows:-Take one pound of almond oil, one pound of rose water, one ounce each of wax and spermaceti, two ounces of camphor, and one ounce of rosemary. Melt the camphor, wax, and spermaceti in the oi by a gentle heat, then add the rose water, and lastly the perfume a large mortar, may be varied by increasing or diminishing the proportion of wax and spermaceti.

## Photogrnphic Agenta

Under the recent discoveries in photo graphy by M. Niepce de St. Victor, of Paris it is found that almost all soluble chemical substances are rendered available in the prac tice of the art. Take a sheet of paper and impregnate it with any soluble substance, let it dry in a darkened room, and then isolate it under a negative, take it back to the dark room, and treat it with any of the re-agent capable of combining with the substance op rated upon, and you will have a picture of almost any color you desire ; for example, if he paper be impregnated with nitrate of aranium, then exposed in the camera, and treated with a solution of red prussiate of potash, a beautiful red picture will be ob tained; and if this be afterwards treated with sulphate of iron, a fine blue picture will be produced.

## The Great Chess Contest.

The match between Morphy and Anderssen, the celebrated German player, has terminated in favor of Morphy, who won seven games to Anderssen's two, and two drawn. Her Anderssen is a professor of mathematics in ne of the gymnasiums of Breslau, and rank among the very foremost of European chess players. He carried off the first prize in the London Chess Tournament held in 1851 against Szen, Mayet, Horwitz, Staunton and others.
Mr. Morphy, says the Illustrated News of the World, may now fairly take rank as the champion of the Old World as well as the New. No Englishman is found to do him battle, and every foreigner of note has now with the exception of Der Luja, fallen an easy prey to the youthful conqueror. It is a question whether he be not the finest player to whom the world has yet given birth.

## To Destroy the Turnip Fly.

Mr. Wimball, of Adermaston, England, has aken out a patent for destroying the turnip y and other insects injurious to crops, and it may be useful in the same manner for destroying the cotton fly, and the wheat midge in our country. The apparatus consists of a small furnace placed on a small wheel-bar row, the fire being operated by a revolving 1 a blast, through a strap from a pulley on th wheel shaft. On the top of the furnace is tube chimney bent downwards and capable of being turned in any direction. Sulphur is hrown in small pieces, from time to time, on he fire, and the blast directs the gases thus generated through the bent smoke tube among the plants on which the insects areoperating This appears to be a useful invention, and one not expensive or difficult for any farmer to carry out into practice.

## Ornamenting Glass

J. J. H. Brianchon, of Paris, and the ehief of the Sevres porcelain manufactery, has in vented a series of compositions for enameling porcelain, glass and similar materials, to mitate gold, white and colored mother-ofpearl, the various and changing reflections of shells, of all kinds of minerals, and of the optical prism. The substances used are metallic salts, with carbonets of hydrogen, which are laid on a glazing or varnish, and then subected to the proper heat, in a furnace. The patent was granted this week, and although the processes are too long to describe here, we can say that the products are beautiful, no nly from the extreme delicacy of the tints, but from their durability and perfection.

Trees for Telegraph Posts.
A correspondent proposes that poplar trees be planted along all our railroads andused a telegraph posts. The under branches can be cut down, so as to leave the trunks as clea as the posts now employed. It will take some ears for such trees to grow, but if they then make permanent posts, not subject to be blown down during gales of wind, they will be superior to bare poles and should be planted.

