



## Sister Peggy Goes Visiting

D EGGY, Fashion Fanny's college sister, had intended to spend the week-end at home, but when her roommate invited her to her aunt's country place she put off her home visit for another week, even though she did want to see her little sister and her mother ever so much.

Peggy was glad, indeed, that she had a new dance frock, for probably they would spend Saturday evening at the Country club. The dress

was a very pretty affair of orchid colored chiffon, trimmed with a frilled cream lace.

Besides the dance frock she took with her a new three-piece costume which consisted of a cape and a dress. The cape and the pleated sides of the dress were of a bright green, yellow and black printed silk, while the rest of the costume was of a plain green. Yellow roses trimmed the green hat which she wore with it.

DIRECTIONS FOR USING CUTOUT-Cut out the figure and mount on pasteboard. Then cut out the garments and fold the tabs back so they will hold the garments in place on the figure. The hat must be cut on the dotted line to slip over head.

## Miscellaneous News From the Realm of Science and Invention

The latest nautical invention now in use in England is a machine which throws a beam of light to the sea bottom, allowing the depth of the water below the ship to be measured. Soundings may thus be done away with. The invention is of unusual importance, since it may be usefully employed by the big liners in entering shallow waters.

By means of a "selenium eye" when properly connected which. with a telescope and recording device, permits an astronomer to register automatically the light variations of any heavenly body through-

out the night while he sleeps com-fortably in bed, is acclaimed by astronomers as a most valuable instrument.

A postal machine has been invented in France that prints 3,000 sheets of 100 stamps, perforates, numbers, cuts, counts and makes them up into bundles in an hour.

With a new hand-operated machine, peanuts can be sorted into eight sizes and delivered into separate containers.

New giant locomotives, now used by the Union Pacific railway, stand 15 feet 10 inches in height and nearly 100 long, while they weigh more than 291 tons each.

According to reports, 500,000 Japanese are to be sent to Brazil for purposes of colonization. The Japanese government, it is said, will pay the cost of immigration (about \$8 a head), and the government of Brazil is to take care of the Japanese when they arrive, distributing them in agricultural regions where they are needed.

A tax of 400,000,000 rubles a year is levied upon all families in Russia having one servant, and 500,-000,000 rubles for each additional maid or butler in the house. At the present rate of exchange, 100,-000,000 rubles is the equivalent of \$3.

Postage stamps issued in Egypt illustrate the image of Isls, goddess of the Nile, the statue of Rameses II, Sphinx, the Colossi of Thebes, the Pylon of Kaznak, the Rock Temple of Abu Simbelc, and the historic Citadei of Cairo.

Prof C. H. Tharaldsen, of the Department of Zoology at Northwest-ern University, it is said, after years of labor has perfected an apparatus governed by finely adjusted

screws, the work of which is so accurate and minute as to enable it to dissect living human cells. The apparatus will enable medi-men to actually watch and de-termine what makes these cells die,

An oil purifier, built on the same principle as a cream separator, takes the dirt out of used oil, much as a cream separator takes the cream from milk.

August Hadecht, of Washington. D. C., an engraver by trade, has just completed the difficult task of carving a portrait of President Harding on the head of a pir.