9111111

The two uppermost stories will be

used as an armory and drillroom for

the force, and in case of emergency a

thousand men can be concentrated

there, and, if necessary, kept over night and fed from the big kitchen ranges downstairs. In the armory proper will be all the weapons neces-

sary in the defense of the city against

In the sub-basement, 25 feet below

the street level, are two modern army

shooting ranges each 75 feet long, and fully equipped with markers. Here

are also located the magazine-rooms,

lockers and a large assembly-room for

the men. The young recruits who are

to be trained to police work here prac-

tice flying shots at an automatic dog or fleeing burglar. Pistol shooting has

heretofore been one of the New York

policeman's weakest points, but it

In the basement are a number of

cells for male and female prisoners, and several large steel cages to be used as "assembly" cells. Here also is one of those novel features of which

there are a number in this building.

A driveway has been constructed from the Broome street end of the building between the curb and porte

cochere large enough to permit two or

three wagonloads of prisoners to be

taken directly to the cellroom without

coming in contact with anyone other

than the officer in charge. At the southern end of the building is a

lounging-room for detectives attached to which are shower baths, lockers,

dressing-rooms and a dormitory for the men on night duty.

On the ground level in the main sec-tion will be the entrance for the pub-

lic. Above the pillars that crown this main entrance will be figures repre-

senting the five boroughs, the colossal

figure of Manhattan being the center-

piece directly over the doorway. The

floor, with the photographs and records of tens of thousands of crooks,

and in the adjoining rooms, the muse-

um of criminal curiosities, the bureau

of records and identification, with the

and thumb identification. This is the

room in which the dreaded "third de-

gree" comes to those suspected of con-

cealing the truth to save themselves or some "pal." The police library, the only one in the world, will be located here. This room is to contain books

of criminal law, histories of police and crooks from the four corners of

the earth.

Two complete telegraph and tele-

phone systems have been installed, so that should one of these become dis-

abled the other can be used in the

Criticises Aid Given Schools.

William H. Allen says: "The fact that \$62,000,000 was given to the so-

called institutions of learning in 1907

affords no guarantee whatever that

these funds will not subsidize mis-

education, rather than promote right

tion openly takes the ground that in

many cases gifts to colleges and

the truth that the beneficiary has out-

lived its usefulness and offers a poorer education than another institution

within 25 miles equally needy but

incomparably superior in equipment

and staff. So far as the Carnegie

foundation (1905) for pensioning col-

lege professors relieves colleges of

they go, it is no more educational than

a working girls' home that enables those it shelters to live on less than

In the Upper Air.

ful ascents were made, a number of

balloons sondes (sounding balloons) reaching a height exceeding 20,000 meters, or about 12½ miles; while the highest one ascended nearly 14 miles.

It is found that, on the whole, temper-

ature decreases with height until a point is reached which has been named

the isothermal zone, beyond which the variations are slight, with little if any

diminution of temperature up to the highest point reached. During the

July observations freezing point was met with at a height of about two miles, and the isothermal zone, with a

temperature of from 60 degrees to 80 degrees below zero, Fahrenheit, at a

height of about 7½ miles.—St. Louis

Bright Future for Pers.
Peru, in the opinion of Prof. Guari-

ni, might rank among the leading industrial states of the world by the

utilization of electric power and elec-

highest point reached.

Post-Dispatch.

the upper air last July, many succe

In the international investigation of

their obligation to pay their way

The Rockefeller founda-

emergency.

education.

a living wage."

new rogues' gallery will be on

appliances for the Bertillon

need be no longer.

a riot, even to two Gatling guns.

YEW YORK'S



FAMOUS OLD HEADQUARTERS WHICH THE CITY HAS OUTGROWN

With the world growing smaller every year because of the improved and rapid means of transportation from one part of the globe to the other the detection of crime and the capture of great criminals is becoming international in character. More and more are the police officials of the various great nations of the world drawing closer together in the effort to check crime and to detain the lawbreaker, so that no longer is the criminal of one country able to hide himself within the borders of another nation.

It is predicted that some day an international police force will be established for the capture of big criminals and that New York will be the headquarters for this most intricate system of detective machinery, in fact already that city occupies a leading position in respect to the policing of the world, and the new and magnificent building which is now being completed will give her the accommoda-tions and facilities for carrying on the work and the like of which no other city of the world has anything to com-

Built primarily for the needs of New York city alone it nevertheless is of such size and its arrangement and equipment so complete as to enable it to fill a world-wide mission. Already the police force of New York city has taken first place for efficiency in the capture of criminals escaped from foreign shores, so that New York has come to be the best place in the world for the big crooks to keep away from, and metropolitan detectives are constantly traveling between this and foreign centers, transferring wrong-doers and studying methods. Very close co-operation already exists be tween the various forces.

The greatest headquarters abroad is England's famous Scotland Yard, a group of buildings which together are larger than New York's new building # d which have the record of having handled 100,000 prisoners and ticketof-leave men. But all of London's police work centers in Scotland Yard, whereas in New York each borough has a sub-headquarters of its own. Combining the American headquarters with the central stations of Brooklyn, Bronx, Queens and Richmond, you have an aggregate unequaled in size, as the Manhattan headquarters is unequaled in efficiency.

The cosmopolitan character of New

York's population has had much to do with making it an international police center. With its criminals from practically every country in the world, it has been forced to employ men speaking practically as many languages and many more dialects and some members of the force are kept constantly at some school of languages to equip them for special work among the for-

This alone has linked the depart ment very closely to those of most of the foreign lands. Within one hour after the suspects in the murder of Father Kasper (remembered as the trunk mystery) were known to the New York detective bureau, the world had been circled by cable with their full description. Within 24 hours they had been traced, and they were arrested the following week; one in Marseilles, another in Constantinople,

and a third in Algiers.

International police co-operation has also gone far in the fight on the Black Hand, Hunchakist, Mafia and other foreign organizations of criminals. Several European governments have sent their detectives to America and can officials in this work. This has resulted in the practical termination of the Armenian Hunchakists, whose outrages recently stirred the machinery of justice to effective

New York's new police headquarters is 308 feet long, 80 feet wide at one end and 60 feet wide at the other. The architectural scheme is the Georgian style of the eighteenth century, a handsome building radically different from that usually associated with po-On the central dome is a wireless telegraph apparatus so that the police may be in communication with incoming and outgoing ocean steamers. It is also to be used in the very unlikely event of the structure being besieged by a mob and the teleCRIPPLED ENGINEER TALKS OF RESPONSIBILITY.

Few Realize Fully What Accident Means to the Man in the Cab with Human Lives in His Charge.

"I just dropped in to tell you that the coroner's jury has exonerated you from all blame for the wreck. They are going to hold the block towe

The old engineer turned his pain drawn face toward me. drawn face toward me. A white capped nurse gently brushed back the wild hairs from his forehead.

"Thank you, miss," he said, "and you too, sir, for the good news. knew they couldn't blame it on m because it was white at Mentor. Poor Denny, he'd tell you so, too, if he was alive. 'All white!' he shouted when we came round the curve, and I gave him the answer, 'All white!' and pulled her wide open. Then we struck the empties on the siding, and—well you know the rest." He wiped a trembling hand across his eyes as if trying to blot out some horrible

His eyes began to sparkle, and a bit of color flashed into his pale cheeks. "I suppose you fellows think I opened her up and went into those boxes just for fun." A smile flitted over his lips, and then he grew serious. "Say, did it ever come to your mind that an engineer might be as anxious about his own life as he is about the lives of those who are rid-ing behind him? My wife and little one—don't you suppose my life counts for something with them?

"Did you ever stop to think what a collision like that at Mentor means to the engineer? Just try to figure your-self in his place. He rides in four square feet of cab room, surrounded by a mass of levers, rods, and the like. Ahead of him is about three miles of boiler pipe, carrying 200 pounds of steam pressure and enough hot water to cook the meat off his bones in a jiffy. Clattering at his back is 6,000 gallons of water and 26,000 pounds of coal. Under him is 200,000 pounds of engine, and behind there is 600,000 pounds of train. Altogether, he is running along ahead of 800,000 pounds of steel, hardwood, and brass, held to 80-pound rail by three-quarters of an inch of wheel flange.

"Of course, I was the engineer, and they depended on me. There is always a lot of fine talk about engineers having the lives of several hundred passengers in their hands. That's all very true; but you don't want to overlook the fact that the engineer's life is right there along with the others. We all take chances, the train crew as well as the passengers, only our chances are slimmer. I had chance in five hundred of being killed, or one in twenty-five of getting right where I am now; but a passenger on the train had one chance in about three million of being killed, and one in a hundred and thirty thousand of

"I see that a lot of people were killed and a whole lot more hurt. don't want to be a grumbler; but it appears to me that you fellows have kinder overlooked the fact that both of my legs are gone. Of course, that might not mean much to you; but if you realized, as I do, that for the rest of my life it is going to be my job to hobble out into the middle of some country road and wave a white flag as every train goes by—if you could realize what that means to an engineer—to hear the mocking toot of the whistle as she comes up to the crossing, and to see the sympathetic salute of the engineer and fireman as they go flying by-I tell you my boy, there are some things worse than physical pain!'

His eyes filled with tears. His eyes filled with tears. The or specific orders, as circumstances softly stroked back the hair. scftly stroked back the hair.

"All right, miss," he replied, putting tion between stations or eliminating it. out his hand to me. "I always obey orders."—B. R. Winslow, in the Sunday Magazine.

Remarkable Railway Garden. Between Bedford and Luton, England, on the embankments of the Midland railway, a piece of effective landscape gardening without parallel may

On each side of the railway line at short intervals hawthorn bushes have been planted, and skillful hands have pruned these bushes into a variety of shapes, grotesque and symmetrical; peacocks, roosters, tables, chairs, bowers, plumes, and other striking models are clearly depicted.

As the bushes are just now in full foliage the effect is quite remarkable. In one instance the tail of a rooster was a mass of white bloom, and in another the nodding plumes in a lady's hat were in full flower.

As these ornamental trees occur at every few yards' distance for about 20 miles, some idea of their number may be estimated.

It seems remarkable that, although thousands of passengers pass through this unique panorama daily, public attention has never before been directed

Railroad Scraps.

At a recent convention of railroad storekeepers held in a western city, one of the statements made was that the storekeeper of the average railroad system carries 55,000 it of material in stock. Railroad "scraps" are of sufficient importance Railroad as an economic factor to be divided into 133 classes in order that they may be sold most profitably.

MUCH MONEY IN RAILROADS

AFTER THE WRECK Total Value of All American Roads Rose \$1,103,000,000 Last Year.

> Increases of \$1,103,000,000 in the ssets and 5,362 miles in the mileage of the railroads of the United States n 1907 are shown by Poor's Manual. The aggregate capitalization consists of \$7,458,000,000 of stock, \$8,228,000,-900 of bonded debt and \$1,843,000,000 of other liabilities. Sinking funds amount to \$239,000,000, and the balance of profit and loss is \$789,000,000.

The total book valuation of the rail-roads averages \$81,500 a mile, but stocks and bonds owned amount to \$2,884,000,000, most of which are duplicated in the capitalization. The average per mile of capital, bonds and other obligations and liabilities, minus conds and stocks owned, is a little

more than \$64,000 a mile.

The gross earnings of all the railroads in 1907 were \$2,602,000,000, or \$256,000,000 more than in 1906. Operation expenses were \$1,763,000,000, or 68 per cent. of gross income. Net earnings were \$833,000,000; "other receipts," \$128,000,000, making total net income \$961,000,000, or \$71,000,000 more than in 1906.

Taxes were \$74,250,000; interest. \$304,500,000; dividends, \$247,250,000; rentals and miscellaneous payments, \$162,500,000, and surplus, \$172,500,000. The net capitalization per mile of the railroads at the end of 1907 was \$700 more than at the end of 1906.

The gross earnings of all the railroads amounted to 14.8 per cent. of the net capitalization and debt, and the net income was equal to 4.75 per cent. of the net capitalization and debt.

The number of passengers carried was 885,750,000; the average trip of each passenger was 32 miles. The freight carried was 1,722,000,000 tons, and the average haul per ton 135

The average revenue per passenger was 2.04 cents a mile, and the average freight charge per ton for one mile was 0.782 of a cent.

The immense volume of the railroad traffic may be better understood from the statement that an equal division among the population would have given every man, woman and child in the country ten railroad journeys last year, and the total freight handled amounted to more than seven times the aggregate weight of the corn, wheat, oats, hay and cotton produced last year together with all the live stock in the country.

USE TELEPHONE TO OPERATE. Demonstration of New System Which Has Many Advantages.

Railroad telegraph superintendents and operating officials have been inspecting a telephone train dispatching system in miniature, set up in the office of Division Superintendent Rine of the Delaware, Lackawanna & Western at Hoboken. The practicability of dispatching trains by telephone instead of telegraph, the railroad men said, has been so well established that it was predicted eastern roads would be generally equipped with telephone service within a year. The change from telegraph to telephone would have developed more gradually, it was said, had it not been for the en-actment of a statute limiting telegraphers to eight hours' work a day, on the plea that it eliminated the danger of train wrecks due to overworking operators or tower men.

Various roads, among them the Burlington, Illinois Central, New York Central and Canadian Pacific, have been experimenting with telephone dispatching, the Burlington making the greatest progress, having more than 300 miles operated in the new way. The system shown at the Hoboken terminal includes a selecter manipu-lated by the train dispatcher. Through this instrument the dispatcher can get in communication with any one or more stations, and can send general "I wouldn't talk any more now," an interlocking device, can at will control the circuit, permitting conversa-

Old Employes on Penn Pay Roll The effect of strict civil service as applied to a railroad system is shown by a compilation just completed from the pay rolls of the Pennsylvania Railroad company. It is shown that this company has 1,340 employes who have been with the company more than 40 years, but who have retired from active work, and are now receiving pensions. The last census of the United States shows that the government has only 40 men who have been with it more than 50 years Pennsylvania has 316 men who have been on its pay rolls more than 50 years. Of these one has been in service 69 years, four 62 years, five 60 years and three 59 years. All but 51 have been in service exceeding 50

The oldest employe is 90 years old, and 195 of them are past 69. It is stated that 67 of the 85 principal offieers of the company started from the bottom of the ladder, and their average length of service is 26 years.

Material for Railroad Ties.

A railroad in Honduras, which has just been opened to traffic as far as Ceiba, 35 miles, was built with creosoted pine ties from the United States. is worthy of note that while creoeted pine ties are being shipped from United States to Honduras, hardoods are coming to the United States om that country. Americans are dog the shipping both ways. A tract 8,000 acres in Honduras has been cured by an American company, which will cut the mahogany her hardwoods and ship them to the United States .- Forest and Stream.



INDIVIDUAL HASH.

F COURSE it's not correct, but your hus-band may object
If you're giving him of hash a steady diet.
You'll find this recipe, if
you read it care-fully,
Will help the situation
if you'll try it.

Mince scraps of meat quite fine, a patty-pan then line, With pastry very delicate and thin.

Then, if you've saved some stock, from beef or mutton hock, Add this before you put the mixture in.

Add mashed potatoes "riced," or cut up fine and dieed. And bake until ft turns a tender brown. Garnish and serve quite hot, the folks will say: "There's not Another dish of hash like this in town!"

Preserved Peaches.

Put the peaches in boiling water for few minutes so the skin will come off easily. Make a syrup of a half-pound of sugar and half cup of water for each pound of the fruit. Boil until tender, but no longer, as they will then become mushy. Fill the jars with the hot fruit. Remove the syrup from fire, and add a gill of brandy to each pound of peaches. Pour over the fruit and seal the cans tight. These will keep well as the brandy helps to preserve them.

Fried Salt Pork.

This is a way to prepare ordinary salt pork so it will taste nearly as good as the finest bacon: Cut in thin slices and let it lie in cold water an hour or two. (This will freshen it and remove some salt.) Roll in flour and let fry till crisp. Drain most of the grease from the pan and stir into the remainder one tablespoon flour, one cup sweet milk, and a little pepper. When it thickens and cooks sufficiently, pour over the hot pork. Serve with parsley.

The Crumb Cloth.

The old-fashioned idea of the crumb cloth is an excellent one and it is a pity that we of the present day have abandoned it. The crumb cloth was of some cheap damask or linen like the heavier table linen or toweling. They were perhaps, a square foot larger than the table, and were placed un-der it, and over the rug. After each meal the ends were lifted and the crumbs shaken to the center where they were out of danger of being trodden into the rug. There they could be gathered up at leisure.

A COOK FOR REUBEN.



EUBEN, Reuben, I've been thinking,
Who would get the
meals for thee?
If the men were all
transported
Far beyond the northern sea?"

"Rachel, Rachel, I've been thinking, That, in spite of all thy care, We would get on very nicely, Eating lots of caviare.'

"Reuben, who'll prepare
the blubber?
Who will trim the lamp
just right?
Get thy moccasins all
ready
For the long, long Arctic night?"

'We'd take salmon, and we'd dry it, Eat it when in seal oil swimmin', Rachel, verily I'll try it, We could do without ye women."

'Reuben, Reuben, I'd best follow, Men need cooks, where'er they go; And I fear, ye soon would find a Wife among the Eskimo.'

Chinese Breakfast Food.

There is growing along the coast of China a soft, sweetish seaweed which serves a variety of purposes, but which the people use chiefly in As a barometer it is valuable, varying in moisture as the temperature changes; as a mat for the table; as draperies - everything - finally winding up in soup which is invariably served for breakfast.

Cherry Salad. When cherries are in season they are very pretty in salads. Remove the pit, refill the hollow with a piece of nut meat. Serve on lettuce with mayonnaise. Or fill an apple cup with mixed cherries and nuts. The apples will preserve their color and freshness if kept in water.

A damp napkin around the sandwiches will not only keep them fresh. but improve them, allowing the filling to fir or the whole. Always keep a cles. old napkin or linen cloth handy, and make the sandwiches some time before your guests arrive to save that

Simple Pickles.

Everybody likes pickled cabbage—it is very good if served with a greasy dinner. But the housewife dreads the work, and so the following simple way of preparing it may be

Take solid heads; slice, or chop, very fine. Put in a jar, and cover with boiling water. When cold, drain off the water, and season with grated horse-radish, salt, red and black pepper, cinnamon, and whole party. vinegar, boil a few minutes, and pour over the whole. Seal in Mason jars.

TWO HOUSEWIVES.



HERE'S such an awful
lot to do,"
I heard a modern housewife pout,
"Although it's scarcely
noon, yet I'm
Completely tired out."

She lay down in a ham-mock, when The porch door gently squeaked. A bent old woman hob-bled in; Her hat was high and peaked.

She wore a linsey-woolsey gown, Said she: "I just dropped in
A minute; I must go to work;
I have to weave and spin.

John's buckskin breeches aren't quite done,
But my old man won't worry;
My candles still are in the molds
(That's one job I can't hurry).

Good-by; there's sausages to grind, And I must help John yoke The oxen for that plowing—" With A start the lady 'woke.

Vegetables as Medicine. For the nerves, eat celery, onions and lettuce. Sufferers from constipation should take plenty of spinach, and should eat potatoes with their skins unpeeled. Tomatoes and cranberries are good for the liver. Asparagus acts directly on the kidneys. Beets and bananas are fattening and good for consumptives. Carrots are excellent in cases of gout, but those so afflicted should avoid tomatoes.

Prunes.
This dish should be regarded as a medicine, and eaten whether we like it or not. Prunes are excellent in cases of indigestion, torpid liver, etc. To induce the family to eat them often fix them in a variety of ways—chopped fine and smothered in whipped cream; in the bread pudding instead of raisins; raw, with nut kernels inside and sprinkled with sugar. All these ways are good and wholesome.

A DREAM CAKE.



N DREAMS I see my mother dear,
On bake-days, in the kitchen;
Her chin and cheeks all daubed with flour,
I thought her just bewitchin',

"Son, get a fresh egg from the barn, An ounce of butter I'll take; One cup of sugar—half of

milk; (This is a simple cake).

"Two teaspoons baking powder, and Some flour to make it thick, Dear me! the stove's not hot enough;

hot enough Run to the woodshed-quick!"

When I'd come back, all loaded down, She'd say: "Now, little man. You've helped me make the cake, and so I'll let you scrape the pan!"

Ah me; like breathing apple blooms, Or hearing April rain
While dozing in the barn—such dreams
Make me a boy again!

HOMELY GOSSIP.

Mayonnaise is apt to curdle in sum-A sure way to bring it back is mer. to take a lump of ice (it must be large in order to chill the mixture at once) and rub it quickly through the dressing. Then take the ice out and stir very briskly.

To hurry the boiling of the contents of the inner vessel in a double boiler add salt to the outside water. Half a cup to a quart.

Peeling onions is a difficult task unless they are done entirely under wa-This prevents the injury to the

When sprinkling clothes use tepid water. It is better for the starch. To fry fritters, stir the boiling lard round and round so that they will be a pretty, round shape.

Salad Cups.

salads lately, and it is not only necessary to make a good salad, it must be prettily served, too.

For vegetable or meat salads, make cups of the vegetables—raw tomatoes hollowed out, or potatoes and turnips if carefully boiled.

For potato salad raw onion cups are very nice. Oranges, apples, melons, very nice. Oranges, apples, melons, etc., all make pretty receptacles for fruit salads, and bananas peeled and cut in two look pretty. Or, slice them lengthwise, and pile together, making a fence in which the salad rests with dressing on top. It is not wasteful to use any of these for cups, since the pulp of all may be served and used in the body of the dish. Watercress or nasturtium leaves make a pleasant variety from the inevitable lettuce leaf.

Coffee Souffie.

Into a cup of hot milk stir one tablespoon gelatine (powdered). Add to this 1½ cups infusion of coffee. Heat thoroughly, then add one cup sugar, a pinch of salt and the yolks of two eggs. Stir until it thickens, then add whites of the eggs, beaten to a froth. Mold and serve with cream and This is a delicate, nutritious dessert, or with small cakes is a nice light refreshment for an informal

Oliva Barton Strokus