## TELEPHONE BELL.

A VISIT WITH THE FAMOUS INVENTOR TO HIS LABORATORY.

Multiplex Telegraphy-Telephoning Without Wires and How Shine Could Talk in Mid Ocean-Cheap Telephones and the Telephone

(Copyright, 1955, by Frank G. Carpenter.)

Washington, Oct. R.—Acout twenty years ago. a young, olive-hued, black-haired Gotchman was experimenting in Boston upon a machine by which the deaf might be made to hear and the dumb taught to which. In doing so he made a lakeover with the late of the world. The control of the principle of the telephone, and there is a sound is concerned. He discovered the principle of the telephone, and there is a sound is concerned. He discovered the principle of the telephone and there is no medicine like Perturn, I will answer any inquiring letters and including a great telephone authority, lately estimated that in issi eight hundred million of dollars. The Duke of Mariborough, a great telephone authority, lately estimated that in lissi eight hundred million conversations passed over the wires of this company has seen to the best of the world.

The Perturna Drug Manufacturing Company and there are to-day in this country more than 250,000 analysis in length-so look that the principle of the telephone company received in 1850 more than three and one-half million dollars in dividends. But the sound of the company received in 1850 more than three and one-half million dollars in dividends. But this is only one of the telephone company received in 1850 more than three and one-half million dollars in dividends. But this is only one of the telephone company received in 1850 more than three and one-half million dollars in dividends. But this is only one of the wires. The creator of this womerful industry has been in Washington diring the past week. I visate the avenues of their wires. The creator of this womerful industry has been in Washington diring the past work in the world with him about his work and the things concerning which he knows more, perhaps, than any other man in the world.

It refer to Alexander Circhann town because every one has heard of him as the invention of the telephone, the past than any other man in the world.

My appointment was to meet him at the World know of the

Service of the content of the conten

After we had made the discovery, we also expensive a contained to consist the best of the control of the contro

REVEREND GIBBONS.

That Pe-ru-na cures chronic malaria needs no farther proof than the thousands of testimonials of grateful patients. The Rev. Glibbon's testimonial, given below, is a fair sample of what is daily received:
Having been snatched from the grave, as it were, by the use of Pe-ru-na I can nat refrain longer from writing to you. I am a minister of the gospel and pastor of St. Paul church of this place. Last spring I was taken down with malaria fever after a severe attack of la grippe. Many of the triends and members of my church gave me up as hopeless. I had got down to a skeleton, and for weekless are the cord had not been made until two days are also as a sever made and the commercially practicable."

Mr. Hell's timbuts of Work.

Upon the back of this board I read the record of the invention commercially practicable."

Mr. Hell's timbuts of Work.

Upon the back of this board I read the record of the invention. Stating the time when it was discovered and signed by Alexanier irraham Beil and Sumier Tunion to whether he always recorded a discovery as soon as it was made, and told him of the record interview which I had with Mr. Charles Brief, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that such record had proved to be of enormous value light, in which he told me that St. Paul church of this place. Last spring I was taken down with malaria fever after a severe attack of la grippe. Many of the friends and members of my church save me up as hopeless. I had got down to a skeleton, and for weeks lay in bed, thinking to myself that I would never more be well, but thank God, I began using your Peru-na, and to-day I can truthfully say that there is no medicine like Feru-na. I will answer any inquiring letters and inform the writer that Peru-na is the medicine that saved my life. It is the best medicine in the world.

The Peru-na Drug Manufacturing Company of Columbus, O., will send a book on malaria free to any one writing for it. Ask your druggist for the 18% Peru-na Almanae.

"It may have done so," was the reply.
"It may have done so," was the reply.
"as I worked for a long time attempting to transmit musical sounds. When I was about 16 il discovered what was to me a wonderful physiological fact and that was you do the sounds has a different for the size of the two-elsounds has a different for the size of the two-elsounds has a different for the size of the s

the telegraph will only be used for business requiring written messages."

"How about cheap telephones? Would not putting down the rates so increase the business as to make it pay far better than it does now?"

"The telephone business," replied Mr. Bell. "Is like no other that I know of. In ordinary business the result would be as you suppose. But with the telephone, the increase in the number of subscribers increases in the number of subscribers increases the trouble of managing the business enormously. If, for instance, you have fifty telephones and fifty subscribers, you can supply them cheaper and casier proportionately than 1,000 telephones and 1,000 subscribers. The original fifty in the last instance can talk with twenty times as many people, and the remaining 3.0 can talk with them. There is no proportionate decrease in expense, What we should have would be a charge for telephones in proportion to the number of times they are used, and to the length of the conversations through them. If we had this, there would be fewer servant girls gossiping over the wires, and the expense would be paid by the people who received the benefit. As to the cost of telephones, it is not the telephone itself that costs so much. It is the machinery in a new switchboard in Baltimore, which connection with it. We have lust put in a new switchboard in Baltimore, which cost us \$5,500, and we have everywhere expenses proportionately great. But as to this matter I have nothing to do. I know nothing as to the financial working of the invention. I have no knowledge of financial matters, and I don't like to talk business."

may yet be made which will make such an invention commercially practicable."

Bot ht.

He showed me that in this very case the record had not been made until two days after the discovery. He said, however, he had been very careful in patenting his inventions in America first, in preference to foreign countries, and that through this had come to a large extent his success in the protection of his patents. I waked him some questions about his work, and he told me that his greatest pleasure come from it. He carries on all his investigations at night, beginning in the evening, and seldem going to bed before a clock in the morning. He leads, in fact, two lives—one by day, that of the ordinary man, and another by night, that of the inventor. He finds the quiet, of the might conductive to study, and that his sleep from 1 a. m. until 11 is amply sufficient to keep him in good health, and as restful as that which other men take in the dark.

FRANK G-CARPENTER.

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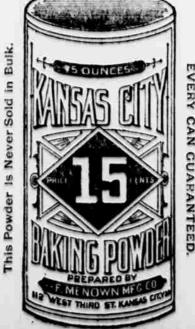
BROMLEY GILBERT'S STORY,

BY ROBERT BARR.

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The room in which John Shorely edited the Weekly Sponge, in London, was not luxuriously furnished, but it was comfortable.

A few plotures decorated the walls, mostly black and while drawings by artists who



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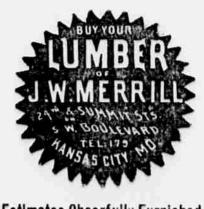
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