

pass on, while we chatted in his dressing room at the big Pathe Freres plant over in Hoboken.

"The duplex exposure is a double exposure, of course," said Wilbur. "It takes a great deal of time to make a picture in this way. Its purpose is to enable one player to take two parts in the same picture. So you see I can be a Jekyll and Hyde, both, in a picture play by using the duplex system.

"A recent picture in which I played, in two totally different parts, is 'The Compact.' One film is blocked out. That means, you see, that an actor who undertakes to play a part with himself must confine all his gestures and movements to half the space ordinarily allotted to him.

"When the first part has been completed and the film blocked out, the second part is played and taken on the other half of the film. You will see that it is absolutely essential to play the scenes in exactly the same time and make the gestures and actions of both parts dovetail perfectly to get the effect.

"I have had the satisfaction of going into a theater where one of these duplex pictures was being shown and hearing people in the audience say: 'I wonder who that other fellow is playing with Wilbur?' That was all I could have asked. Work pays when you get that kind of a comment."

WHISTLE AND IT SHALL BE OPENED UNTO YOU!

Opening a lock with a strain of music is the newest application of the theory of vibrations to the practical things of the world. A London electrician is responsible for this newest development of science and mechanics, and if he is successful in putting his work before the public there will soon come a time when latchkeys will be discarded and every door will open when it hears its "master's voice."

Almost every one has noticed the effect of a certain note of the piano

or the flute on the chandelier or other metal object in a room that could give forth a sound. All sound is caused by vibration, and when a current of air set vibrating by one thing strikes another that can set up exactly the same kind of vibrations—that is, in other words, tuned to the same sound—that other thing is sure to be set going.

That is the principle of the new lock. An electro-magnet is used by which a current is sent through a circuit that is completed when a piano wire is set vibrating by a given note and in vibrating touches a platinum point. This wire can be tuned to any note it is desired to use. The minute that note is sounded the wire vibrates, completes the electric circuit and the magnet draws the bolt from the lock. The inventor claims the lock can be placed on doors, safes, vaults, anywhere, in fact, that locks are needed.

If these locks come into general use a burglar will discard the usual assortment of screwdrivers, jimmies and drills and will supply himself, instead, with a set of tuning forks and pitch pipes.

The man who stays out late at night will only have to remember to whistle a certain tune on approaching his door, instead of fumbling about for a key and painfully inserting it in a very small keyhole. And the tune used to open the door can be changed every night by rearranging the pitch of the piano wires.

A combination lock can be made by having a number of bolts on the door controlled by a number of wires, each of which is tuned to a different note and must, therefore, be played upon separately.

Losing one's temper means losing peace of spirit, losing clearness of thought, losing grasp of the situation, and usually losing the respect of bystanders. Yet some foolish people speak of "only losing one's temper" as if it were nothing.