

### New Song 'Omaha' Makes Big Hit at Shrine Conclave

#### Chilly Weather Greets Tangier Nobles at Frisco—Former Nebraskans Welcome Omaha Visitors.

San Francisco, June 13.—(Special.)—Only the warm greetings of the San Francisco Shriners, who are host to all Shriners this week, kept the Omaha Shriners from freezing up on their arrival in San Francisco yesterday.

The day was cloudy and misty, coupled with a cold wind that cut through the summer clothing of the pilgrims.

Upon the arrival of the Shriners at their hotels there was a great rush to trunks and suitcases for heavy wraps. All San Francisco is apologizing for the cold weather. "Quite unusual," they say, but the Nebraskans are making out all right, although asking, "When is this sunny California."

#### Tangier Band Serenades.

Headquarters for the Nebraska Shriners have been established at the American Legion quarters on Market street.

A delegation of men and women, formerly of Nebraska, are extending the glad hand to all who come.

Today 200 organizations, made up of bands and patrols, arrived and were conducted to their hotels after registering at the Auditorium and receiving a souvenir of the 1922 convention. Tonight Tangier patrol and band will make the rounds of the downtown hotels and serenade with their "jazz" music.

On the way into San Francisco a bunch of the band boys combined their wits and wrote a song called "Omaha." Charles Jones, cornetist, composed snappy music for the words and today the band tried it out on Market street pedestrians.

It was received with much favor and from now on will be the official song of Tangier temple.

The big daylight parade will be held Wednesday morning. Tangier band and patrol taking part.

To Grand Canyon.

The electric parade will be Wednesday night.

Thursday there will be competitive drills by the various patrols and a massed band of more than 2,000 musicians will play a concert. This event will take place at Golden Gate park stadium.

After the convention there will be a scattering of nobles to the four winds. Most of the members of the band have chartered a special car in which they will visit Los Angeles, coming north through the Grand Canyon to Salt Lake and Denver.

Other Omahans at the convention will return by the various routes they have chosen. The Canadian route just now appears very popular. Many interesting side trips and automobile tours about the city are being made by the visitors and San Francisco is entertaining the visiting Shriners in a royal manner.

### Dog Hill Paragrafts

By George Bingham.

Slim Pickens says he don't mind going to church, but it is so much



trouble to shake his pants legs down every time he rises to sing.

Clab Hancock says it looks like when a person's system tunes in on moonshine he can never afterwards pick up the same kick on red.

Tobe Moseley, who resides on the banks of Gander creek, says that during the last rise his pond was washed downstream for some distance.

### Radio Vehicles May Be Operated by Radio

#### Experiments Presage Wonderful Possibilities and Probabilities With Wireless.

By JOHN E. KENNEBECK.  
(This is the ninth installment of The Bee's story on radio.)

The writer heard a scientific lecturer of not seven years ago that within 25 years there would be no telephone wires webbing our cities and that crewless ships would find their way between ports of the world guided only by the invisible arm of radio; further, that artillery and long-range guns would be fired by radio.

Was that lecture a dream or an actual prediction?

In the development of radio during the past few years a new art was born—radiodynamics, which means the control of mechanical devices by ether waves.

#### Amplify Ether Waves.

We must not forget that radio waves in themselves produce extremely weak currents in the receiving instruments which entrap them. By suitable means, these weak currents are caused to release local energy. It is this principle of operation that is used in all radiodynamic devices.

The radio impulses which control the distant mechanism are sent with an ordinary transmitter. At the receiving station they are picked up by the aerial and carried to the sensitive receiver. The signals pass into the receiver where they are detected and amplified by vacuum tubes. In this process the original weak currents set up in the receiving apparatus by the radio signals release local energy, which is added to them. We might look upon a vacuum tube amplifier as a physician whose duty it is to administer health giving tonics to incoming signals, so that they will be made strong enough to operate what is known as a relay. In most cases one doctor is not enough, and a large number of vacuum tube amplifiers are required to build up the currents to sufficient strength. After the rejuvenated current passes through the receiving and amplifying apparatus, it pours through what is known as a relay.

#### Weak Currents Rejuvenated.

A relay is a device that does virtually the same thing with electric currents. Although the amplified current coming from the vacuum tubes of the receiving apparatus is much more powerful than the original current, it is still comparatively weak.

Relays to certain controlling devices on distant ships or vehicles properly equipped to receive the ether waves are the means of being operated by the "long arm of radio."

#### Radio Controls Ship.

Epoch-making experiments with radio-controlled battleships were conducted by the United States navy in 1921. The old Iowa was equipped with radiodynamic devices and had naught to do but obey the invisible commander on the Ohio several miles away. Bombing aeroplanes were instructed to drop dummy bombs upon the radio ship, and it was the task of the distant radio commander to elude the planes. His will was law with the ship. She would turn to port or starboard, speed up or slow down without hesitancy. Oil was fed to the boilers by means of valves operated by radio.

To top experiments with radio, a Frenchman succeeded in transmitting a photograph of President Harding across the Atlantic last year. Experiments with radio-controlled vehicles have shown that it is not impossible to drive tanks loaded with explosives into an enemy city in case of war and exploded.

What will come next?

#### Sparks

Herewith are terms and definitions used commonly in radio:

GRID—A zinc plate in a storage battery or a lead plate for retaining the active material in a storage battery, or a zig-zag coil of wire between the plate and filament in an audion bulb.

GROUND—The opposite end of the aerial circuit. It usually consists of a wire connected to the cold water pipe.

HONEYCOMB COILS—A type of coil that may be plugged into a special fitting. Different sized coils are used for various wave-lengths.

Duo lateral coils are about the same thing. Both are very efficient for long wave receptions.

The Want Ad pages of The Bee are filled with interesting news items—news of money-making opportunities.

#### Kitchen Holiday Urged by Father of Bread Law

Edward A. Smith, father of the standard weight bread bill, commenting on the action of the state supreme court said:

"The people of the state should celebrate the passage of the stan-

ard loaf bread bill by suspending home baking during the summer of 1922, declaring a kitchen holiday, as it were, and show their appreciation of the standard loaf law by buying nothing but the standard loaves manufactured by our bakers during that time."

#### 31 Enlist Here for Army Service at Pacific Posts

Thirty-one men were sent out from Fort Crook Monday, bound for Fort McDowell, San Francisco. From there they will be assigned to posts in the Hawaiian and Philippine islands. The local recruiting office still has places for 59 more recruits for the army in these islands. Seventeen of the men who went Monday are in the infantry, eight in the field artillery and six in the engineers.

Vegetables are not hurt by reheating.



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"The trouble lasted four months. I began using Cuticura Soap and Ointment and in one month was healed, after using three boxes of Ointment, together with the Soap."

(Signed) R. Anderson, 2946 Fulton St., Chicago, Ill.

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