

BLUE AMBEROL RECORDS AND HOW THEY ARE MADE

Year 1912 Marked Important Step Forward in Production of Indestructible Records.

The year 1912 marked an important step in the development of the amberol phonograph records as it was in that year that the Edison company produced, commercially the first blue amberol records. This was a decided step forward, from wax to a hard composition, retaining the desirable qualities of the wax and at the same time producing a record that was, to all practical purposes, indestructible.

Perhaps the most interesting part in the manufacture of a record, is the method used to transfer the sound waves from the wax master blank, or original, to the commercial record. This wax master blank is recorded in the company's studio and shipped in a suitable container to the factory, where the title is engraved on the end of the blank and it is then prepared for electroplating. After the electroplating process is completed the blank is removed from the mould, the mould polished and sent to the mould inspection department, where it is inspected and a sample print is made from it.

This sample is sent to the music committee. If approved sufficient sub-master blanks are made to produce the required number of working moulds. The master mould is then retired to the mould vault and not withdrawn until the working moulds have been discarded. There still remain twenty-two operations to be put upon a record before it is delivered to the stock room, ready for distribution.

The material for blue amberol record blanks is provided in natural color tubes seventy-five inches long and approximately the same diameter as the finished record. These tubes are first passed over heated mandrels to stretch them to a uniform size and, after being thoroughly cleaned, are dyed a uniform color and placed in a desiccating room to dry. After the seasoning process, which requires five days, the tubes are cut into blanks four and one-half inches long and sent to the printing room.

In preparing the blank for printing, extreme care must be used to remove all particles of lint, dirt, etc., from the surface, as a finger mark, or a speck of dirt the size of a pin point on the surface of the blank when it is being printed would be sufficient to cause a rough spot on the surface. After the blanks are thoroughly cleaned they are placed in the working mould and the mould locked in a printing press. The blank is then softened with a jet of steam and as it becomes plastic, is expanded with compressed air against the printing matrix which impresses the sound waves into the surface of the blank.

This process requires approximately five minutes, after which the mould containing the blank, is placed in a blast of cold air. The material, of which the blank is made, shrinks at a much faster rate than the contraction of the metal mould and thus allows it to be removed without scratching the surface. As the printed blanks are finished, they are placed in boxes containing fifty each and sent to the printing inspector, where all blanks of a questionable nature, which can be detected by an eye inspection, are discarded. The blanks, passed by the inspector, are then assorted in trays, of thirty-two each, by selection number.

The blanks coming from the sorters have the appearance of the finished record with the exception of not having the "staff" inside which we call backing. This is a plaster paris composition which holds the blank in shape and acts as a sounding board for the music, giving it resonance and quality. This plaster is mixed in solution and shot in under air pressure, so that it is free from holes and air bubbles. With the exception of removing the plaster to the proper diameter and taper and a few minor cleaning operations the record is now ready for final inspection.

The final, or "neutral inspection department" is operated entirely independent of manufacturing supervision; the standards which a record must come up to are set by the laboratory test service and the musical phonograph division. Each record is tested first for size and taper, next it is given an eye inspection and any doubtful portion is given a playing test. After passing through the various inspections, the records are placed in cartons and delivered to the record service department, and it is the "ready to go forward" to jobbers and finally to dealers.

The child who demands the union label yields more influence than the man or woman who strikes. The strikers' place may be filled, but there is no substitute for the union label.

Stage & Music



Grace Valentine who has a star role in Oliver Morosco's laughing success, "Lombardi, Ltd.," which opens a three day engagement at the Empire theatre next Monday.

ST. BASIL'S CHURCH AT TORONTO HAS MAGNIFICENT ORGAN

Casavant Freres, of St. Hyacinthe, Que., have recently installed in St. Basil's Church, of Toronto, a new electrical action organ, having fifty-two stops, twenty-two couplers, and thirty-five different adjustable pistons, with a total of 3,172 pipes, with provision for a chancel organ with twelve stops, ten couplers and five adjustable combinations. The specifications of the organ were designed by Mr. D. A. Morel, organist of St. Basil, supervised by Mr. F. A. Moore, organist of Toronto University, and Dr. A. S. Vogt. This instrument will be an important factor in maintaining the reputation of Toronto for high-class church music, and it is said to be the largest organ in any Catholic church in Ontario, outside of Ottawa.

BELGIAN STATE EMPLOYEES STRIKE FOR HIGHER WAGES

The Belgian federation of state employees has decided to call a strike, declaring that the premiers answer to their claims for higher wages and better working conditions is unsatisfactory. The railwaymen do not consider themselves bound by the decision of the federation and will meet in Brussels on January 11th to discuss their own views. Industrial Democracy is the order of the day.

CAMPAIGN TO REVIVE OLD CUSTOM OF CHRISTMAS CAROLING

A campaign is being launched by the National Bureau for the Advancement of Music in the United States to revive the old custom of Christmas caroling. A special booklet on the subject has been prepared, and is being sent to those who ask for it. This booklet describes the custom as it existed in England of former days, traces its revival in the United States and gives full information about the organization of caroling groups for the guidance of churches, schools, and individuals who may wish to identify themselves with the movement.

AND TWO POUNDS OF YEAST

A shocked lurch, descended on the magistrate's court as Policeman Larjen Roomey led in the first case of intoxication since the descent of national prohibition. "This man," said Policeman Roomey, releasing the prisoner and delicately wiping his hands with his bandanna handkerchief—"this man sang five songs in the same time in the middle of Meia street, attracting a large crowd, spreading discontent by the smell of his breath."

"For shame!" reproached Magistrate Trigger. "For shame!" echoed the court attendants and spectators. "And furthermore," went on the magistrate, "I demand to know by what illegal means you came by the liquor. Who sold it to you?"

"Nobody," replied the prisoner, "I made it. A peck of oat meal, nine raisins, a bottle of Soderberg's tooth wash and two pounds of yeast."

"Stop!" roared Magistrate Trigger, solemnly taking out a pad and pencil.

BOLSHEVISTS DO NOT SEEK MUSIC FOR THE HOME

New York Papers Comment Upon Absence of Musical Instruments in Homes Raided.

New York papers have commented upon the absence of musical instruments in the homes of radicals, I.W.O's, etc. "Music and making bombs do not go together, and the man who is radically against his government has no music in his soul," says the New York Evening Mail, which adds: "These facts are both evident, says reports of those who have investigated the homes of 'suspects' for the government. 'No musical instrument, not so much as a harmonica, has ever been found in a home that was raided by government authorities in connection with Bolshevism,'" says one manager of a large sales corporation of musical instruments. This man goes on to say that "Having been connected with talking machine industry for several years, I have made many curious discoveries associated with music. The most important in my estimation is that musical instruments, pianos and talking machines are luxuries in all wrong. Even in homes of modest income they are necessities."

Music has power to bring out the best in every one. The statistical report on the Bolshevists' homes backs the idea. Many a home atmosphere would be entirely different if the home was filled with melody. Those who seek music are showing the good they have in them, and the "no good" are not seeking music for the home.

The union label organizes the purchasing power upon lines of fair conditions of labor, as against those conditions that destroy the health and morality of the producer and endanger the well-being of the purchaser.

The union-label is an appeal to principle—principle that is above price; the principle that a dollar expended in the maintenance of fair labor is worth more in the end than a dollar saved at the bargain counter.

New Scale Williams Pianos Victor Victrolas, Records and Music Rolls Used Pianos at Special Prices JONES AND GROSS 10014 101st Street (Opp. McDougall Church) Phone 4746

MOROSCO COMEDY, LOMBARDI, LTD. AT EMPIRE NEXT MONDAY

At the Empire theatre for 3 days beginning Monday, January 12, Oliver Morosco will present Leo Carillo in Frederic and Fanny Hatton's famous fun and fashion success, "Lombardi, Ltd."

The reputation of "Lombardi, Ltd.," as a laugh producer has doubtless preceded it for no comedy of recent years has achieved a greater degree of success everywhere it has been presented than this most remarkable work of the clever Hattons.

In "Lombardi, Ltd." the authors have brought to the stage an entirely new character—that of a fashionable Italian dressmaker, Tito Lombardi, who might be a composite stage picture of several of America's foremost creators of smart fashions. Tito Lombardi is a genius in the matter of gorgeous gowns, but has absolutely no idea of business and proves somewhat of an amateur in the art of making love. With the rise of the curtain he is seen in the midst of his mannequins, his creations, etc. He is entirely taken up with two subjects—clothes and a show girl with whom he is desperately in love. Slow paying customers on the one hand and an unfaithful sweetheart on the other lead him to the very brink of financial ruin from which he is saved only by the timely efforts of one of his mannequins.

It is said Mr. Carillo's portrayal of Tito Lombardi is one of the most humorous and novel characterizations seen in many years. His ability to create constant laughter is difficult to describe but suffice to say that it has placed him among the foremost comedians of the young generation. In his fun-making efforts he is ably supported by Grace Valentine in the role of Daisy Mahoney, the "movie-wise" mannequin and all of the others of the typical Morosco cast including Anne Hamilton in the role of Nora, his head saleslady, Ada Barbour as Molly the seamstress, Halam Bosworth as the book-keeper, Ethel Wilson, Harold Russell, Winifred Bryson, Daisy Ridd, Ruth Ricketts, Ina Burke, Warner Baxter, Will White and the many beautiful mannequins of the Lombardi establishment. Mr. Morosco is sending the original company and production. It will be seen here exactly as it was in New York and Chicago. There will be a regular matinee on Wednesday.

WHO SAYS MERCHANTS' ASSOCIATION IS NOT POWERFUL 'UNION'?

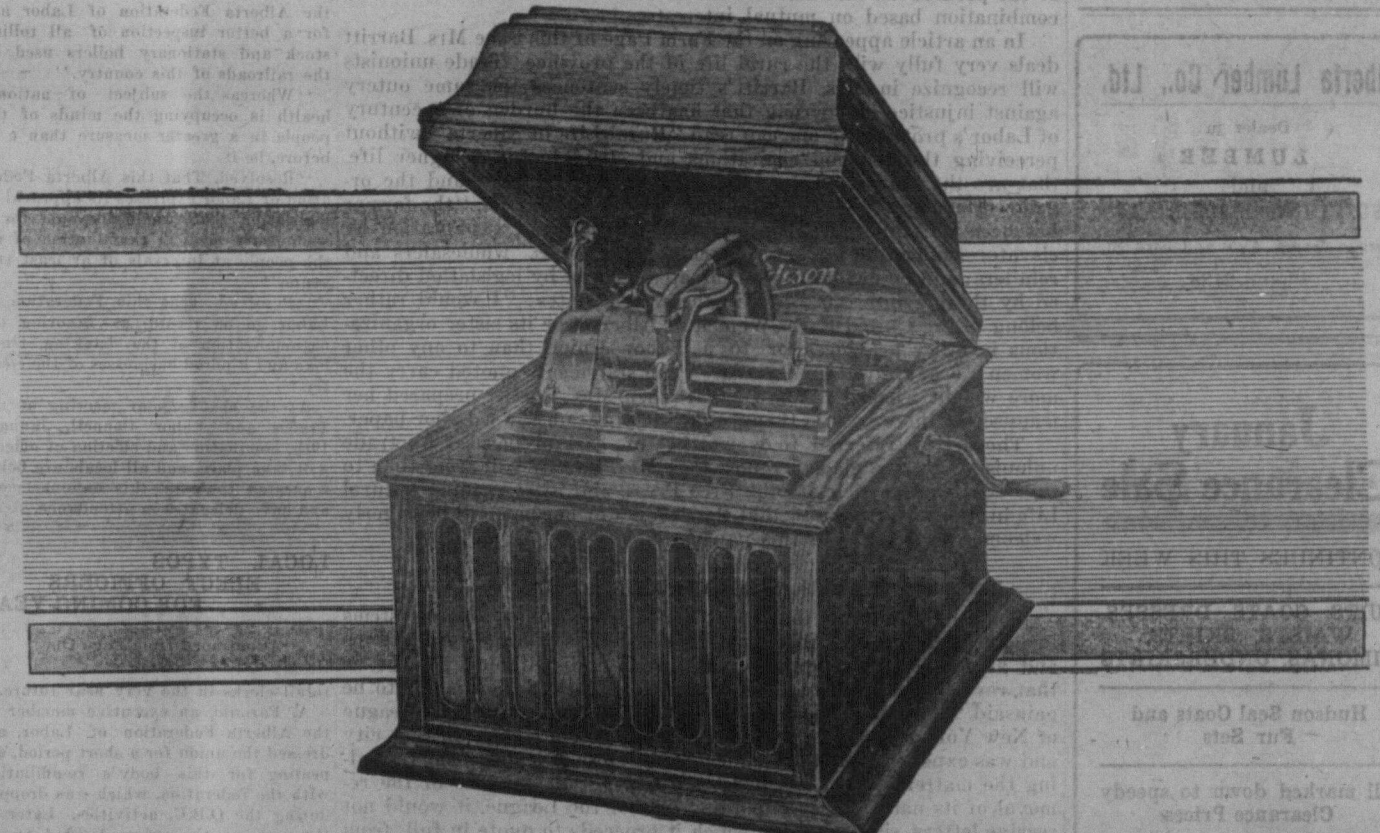
A certain insurance agent bought a suit of clothes from one of the clothing merchants about a month ago for which he paid the tidy sum of \$65. Three weeks afterward he was called by the same merchant to write a fire insurance policy on the stock of clothing belonging to this same merchant, and the valuation had to be placed according to wholesale price.

Imagine the surprise of this insurance agent when he found that there was not a single suit of clothes valued at more than \$21 and the very kind of suit he bought and paid \$65 for, cost the clothing merchant \$20, a profit of \$45 on one suit of clothes, or 225 per cent on the capital invested.

"If that is not profiteering, what is it? And then you say that the Merchants' Association is not a powerful 'union'?" —The (K.C.) Male

EMPIRE 3 DAYS STARTING MONDAY, JANUARY 12 WEDNESDAY MATINEE

Oliver Morosco Presents LEO CARILLO IN THE SPEED-FUN AND FASHION HIT LOMBARDI Ltd. By Fred and Fanny Hatton with GRACE VALENTINE BEST COMEDY IN YEARS Pretty Girls, Ultra Fashionable Gowns PRICES—50c, \$1.00, \$1.50, \$2.00 "You will remember with pleasure Oliver Morosco's "So Long Letty." His "Lombardi, Ltd. is equally as good. Don't miss it. E. H. BENSON, Manager Empire.



Sent Free on Trial!

Read the Coupon Below! An astonishing offer—the New Edison Diamond Amberola, Mr. Edison's great new phonograph with the Diamond Stylus reproducer, and 12 brand new Blue Amberol Indestructible 4-Minute Records sent to you on absolutely free trial. Send no money—just fill out the coupon below and send it to us at once. We will send you the complete outfit immediately. No C.O.D. Entertain your family and friends with the latest song hits of the big cities. Laugh at the side-splitting minstrel shows. Hear anything from Grand Opera to Comic Vaudeville. Judge for yourself just how much this great phonograph would mean to your home. Decide if you can get along without it. After the trial in your own home, make up your mind. If you decide not to keep the outfit, send it back to us at our expense.

Only \$1.00 After Trial Send No Money Just the Coupon!

Convince yourself first. Get the New Edison Diamond Amberola in your home on free trial. See what a wonderful instrument it is—how it brings the music of the world's greatest singers and players, the sweet old time melodies, the jokes of the funniest vaudeville actors, all right into your own parlor as if they were there in person. See for yourself how much you need the New Edison Diamond Amberola in your life. See how much happier it will make your home. Just fill out the coupon and send it in. Of course, we do not want to send an outfit to a person who can not afford to at least pay on easy payments (and when you get a free trial it is understood that you can afford to keep it). Yet, no one is under any obligations to keep an outfit if it is not entirely satisfactory. If it is not just what you want for your home, return it at our expense; you, not we, must judge what the Edison phonograph means to you and we accept your decision cheerfully and without question.

F. K. BABSON, Edison Phonograph Distributors, Dept. 239 338 Portage Avenue, Winnipeg, Man. U. S. Office: Edison Black, Chicago, Ill.

No obligation to buy in sending this coupon; this is just an application for a Free Trial. F. K. BABSON, Dept. 239, 338 Portage Avenue, Winnipeg, Manitoba

Dear Mr. Babson—As per your offer, I should like to hear Mr. Edison's wonderful new style phonograph in my home on free trial. If I decide to keep the outfit, I will have the privilege of the rock-bottom price of \$75.00 direct from you on special terms. I merely agree to take the outfit promptly from the depot, pay the small express charges, and if I do not find it thoroughly satisfactory, I reserve the right to return the outfit at once at your expense. Otherwise, I will send the first payment of \$1.00 within forty-eight hours after the free trial or as soon as possible, in no case exceeding one week, and will make monthly payments thereafter of \$3.00 for 11 months and \$3.00 for the 12th month. Total \$75.00. The outfit is to remain your property until the last payment has been made. (This offer is not open to anyone under 21 years of age. If you are under 21 ask your father, mother or guardian to fill in and sign this coupon for you.) My name _____ Address or R.F.D. No. _____ City _____ State _____ Ship by _____ Shipping point _____ Ship by _____ Occupation _____ Age _____ Married or Single _____ If steadily employed at a salary please state _____ How long a resident in your neighborhood and your vicinity? _____ If there is any possibility of changing your address during the next year, what will be your next address? _____

BAND CONCERT EDMONTON CITIZENS' BAND PANTAGES THEATRE SUNDAY, JANUARY 11TH DOORS OPEN 8:30 J. B. DALY, Conductor