

## Talking Films

## MODERN MIRACLE WITH GREAT POSSIBILITIES

Just as wireless telephony and broadcasting have brought a new dimension of boundless possibilities into our daily lives, so an epoch-making discovery in the sphere of cinematography is destined to effect a social revolution in the near future. This latest of modern miracles is a cinematograph film which shows not only pictures, but reproduces sound. For many years inventors have realized the commercial value of talking pictures, but hitherto they have concentrated on the apparently hopeless task of endeavouring to make a gramophone record synchronise with the film. Devices of great ingenuity, however, have failed to produce satisfactory results, and discrepancies in timing between the moving lips of the photographed speaker or singer, and the sounds produced by the talking machine have destroyed the illusion aimed at. With the discovery of the thermionic valve, a new avenue of research was opened up, and an American, Mr. Lee de Forest conceived the idea of photographing sound as well as movement through the same medium—the only way by which to achieve perfect synchronisation. The result has been the production of what are known as "Phonofilms." The process was first described in the "News of the World" last May and has since been demonstrated to thousands of people at the British Empire Exhibition at Wembley. In the language of the layman, these amazing results are obtained by recording sound waves simultaneously with pictures on the same strip of film. Nine-tenths of the film is devoted to the picture, and one-tenth to the sound record. The sounds are registered by the vibrations of a microphone, which operate the valve of a small slit in the camera, through which light passes in varying lengths, and

Makes a record of the tiny margin at the side of the film. For the purpose of reproduction the film is placed in an ordinary cinema projector, to which has been added an attachment consisting of a small incandescent lamp, the light from which shines through a fine slit. The reduced image of this slit is thrown on to the narrow band of photo-electric cell. The cell transforms the beam into small electric currents, and these are amplified sufficiently to operate a loud speaker. The writer was privileged to see and hear these "Phonofilms" some time ago, and recently a demonstration was given before the Radio Society of Great Britain. The effect is unique, so accurately and realistically are sound and movement combined. In the production of a play, the actors speak as if they were present in the flesh—the words are heard as their lips form them, and their footstep resound as they tread on the boards of a theatre. The twinkling feet of ballet dancers are perfect films with the music, and every movement of a violinist's bow synchronises with the melody which one hears. A "News of the World" representative saw and heard President Collidge speak in his own voice, with a strong American accent, as if he had been actually present instead of thousands of miles away. These are few of the wonders of "Phonofilms," and it is easy to realise their possibilities. A politician, through their medium, will be able to stump the country and address thousands without leaving his home, and it will be possible to store up for posterity not only the utterances of eminent personages, but a complete life-like record of the man and his message and mannerisms. What defects are discernible at the present moment are not attributable to the invention itself, but to the limitations of the loud speaker. All wireless enthusiasts are aware of these, and in due course, no doubt, they will be eliminated.

Have you seen our Silver Dish in various designs, the best we have ever offered, at \$1.75 to \$3.50. R. H. TRAPPEL, LTD.—dec23,25

## Breeding Habits of Tree Frogs

Many strange variations in breeding habits and rearing of young characterize the tree frogs of tropical America. A famous South American species makes small pens or nurseries under water, and where the tadpoles are confined, protected from all danger. Another species carries its large eggs on its back until they hatch and the young remains some distance away. The young are carried in pouches in the skin of the back of the female, in which the eggs and young are safely transported.

North American tree frogs possess a remarkable degree of the faculty of changing color by modification of the contents of the pigment cells under their skin, so that a provision to enable them to escape their enemies. In some they bury themselves in the earth or the decayed wood and bark of old stumps, and breed in the

## Fancy Linens Underpriced.

Hundreds of beautiful pieces, consisting of Sideboard Cloths, Cushion Covers, Doilies, Bureau Scarfs, Tray Cloths, etc., etc., re-priced for quick selling. You should see these at once and take full advantage of this offer.

## Men's Knitted Ties

Choice designs and colors. Good wearing quality. Special Sale Price

## Five Days' Sale of

## Christmas Merchandise

Mon., Tues., Wed., Thur. and Sat.

## Misses' Sweater Coats.

Splendid quality, knit from all wool yarn, in shades of Peacock and Camel. Very nicely finished with fancy overstretching and pom-poms. Sizes 10 to 14 years. Reg. \$3.40 each. Sale \$2.95

## Dressed Dolls

With sleeping eyes, dress, stockings and shoes. Reg. 75c. each. Sale Price 65c. SMALL DOLLS—Regular 25c. each. Sale Price 20c.

## Trimmed Hats

Women's and Children's. Reg. values up to \$9.00 each. Clearing Price \$3.25

## Oil Cloth Table Cloths

New light patterns, 45 by 45 inches. Regular 75c. each. Sale Price 60c.

## Children's

Slip-on Sweaters. Of soft white wool with overstretching and smart new designs. In front; sizes 1 to 4 years. Reg. \$2.00 each. Sale \$1.65

## Estabrook's Tea.

Regular 90c. lb. Sale 85c.

## Hall Linoleum.

Plain, Brown and Green with walls of Troy borders. Also bright black patterns, 36 inches wide. Reg. \$1.25 yard. Sale \$1.00

## Shelving Oil Cloth.

Plain white, bordered and blue cross bar patterns with bordered edge; 12 inches wide. Regular 10c. yard. Sale Price 15c

## Boxed Toilet Soap.

Palm, Rose and Oxide, 3 cakes to box. Special Sale Price 37c.

## COLGATE'S TALCUM POWDER.

In the large new shaped tin. Makes a nice gift for any woman. Four pleasing odors to select from. Special Sale Price 30c.

## Colgate's Handy Grip Shaving Sticks.

In nickel containers. A very practical gift for any man who shaves. Regular 45c. each. Sale Price 40c.

## Tweine Bound Shaving Brushes.

Guaranteed to hold their bristles and give lasting and satisfactory wear. Regular 60c. each. Sale Price 65c.

## Infants' Brushed Wool Mitts.

Fawn and White, overedged at wrist with self color silk stitching. Silk bow at back. Regular 35c. pair. Sale Price 27c.

## Colgate's Week-End Cases.

Containing the most necessary toilet articles for ladies or gents' use. Regular 45c. each. Sale Price 33c.

## Colored Crayons.

12 bright colors to box. The kiddies' delight for drawing. Regular 15c. box. Sale Price 10c.

## Door Mats.

New, fresh stock just unpacked in a good selection of the best color. Combinations and designs. Size 12 by 30 inches. Reg. \$1.55 each. Sale Price \$1.27

## New Hearth Rugs.

In pleasing designs and bright colors. You will need one of these to brighten up your room for Xmas. Size 35 by 66 inches. Reg. \$4.80 each. Sale \$3.95

## Tapestry Hearth Rugs.

New English Rugs in rich color effects and smart new designs. Patterns suitable for any room in the house. Size 27 inches wide and 54 inches long. Reg. \$3.30 each. Sale Price \$2.65

## Lustrous Wool and Silk Hose.

In the beautiful new shades that are now so much in demand. Young women love to wear these because they always look so dainty. Ideal for gifts. Regular \$1.35 pair. Sale \$1.10

## Women's Hose.

Fancy ribbed designs in a choice selection of shades, including Pongee Nude, fawn, Grey and tan. All sizes. Regular 95c. Sale Price 84c.

## Infants' Wool Cashmere Socks.

Fine, soft pure wool, in bright shades of pink and pale blue. Regular 50c. pair. Sale 43c.

## Boys' Sport Hose.

Fawn, Grey and Brown mixtures. Sizes 7, 8, 9 and 10. All wool. Regular 60c. pair. Sale Price 47c.

## Colgate's Face Powder

Flesh, White and Rachel, in odors of Florient, Eclat and Cashmere bouquet. Put up in dainty boxes suitable to use as Xmas gifts. Regular 18c. each. Sale Price 14c.

## Onions.

Choice Silverpeel Onions. Special Sale Price, 10 lbs. 30c.

## Men's Tan Kid Gloves.

The gift that pleases. Made with thick, warm lining. All sizes. Reg. \$2.50 pair. Sale \$2.18

## Men's Pull-Over Jerseys.

All wool in Steel Grey, with green trimming. A very useful garment to give as a Xmas gift. Reg. \$3.50 each. Sale \$3.17

## Boys' Jersey Coats.

Heavy durable quality, knit from Union yarn, in Dark Grey color. Sizes 24, 26 and 28 inch. Reg. \$1.48 ea. Sale Price \$1.20

## Boxed Stationery

Containing 48 sheets of high grade writing paper and 48 envelopes to match, in White, Blue or Mauve. The box is nicely decorated with holly designs. Regular 70c. box. Sale Price 55c.

## Table Damask.

Heavy double damask, Irish mill, sure to give great service. 66 inches wide. Reg. \$1.30 yd. Sale Price \$1.05

## Bleached Table Napkins.

All pure Irish linen, of long lasting quality. Very pretty designs. Size 20 x 30 inches. Reg. 35c. ea. Sale Price 30c.

## Window Muslin.

Strong Mesh Muslin for Window Curtains, plain with fancy open-work striped borders. Cream and white, 38 inches wide. Special Sale Price, per yd. 18c.

## Chivers Coffee Essence.

Reg. 30c. bottle. Sale 27c.

## Heinz's Peanut Butter.

Large size, Regular 45c. 55c. Sale Price 32c. Medium size, Regular 38c. Sale Price 22c. Small size, Regular 28c. Sale Price 22c.

## Colgate's Gift Boxes.

Containing a nice assortment of the things every up-to-date woman requires. Some have the watch style vanity case in black Ivoroid, others are gold filled. The prices are \$2.25, \$3.25, \$3.80 and \$4.50 each

## ALL TOYS HALF PRICE

## Crisco.

The ideal shortening, 1 pound tins. Regular 45c. each. Sale Price 42c.

## Icing Sugar.

Manufactured from pure granulated sugar and very low priced. 1 lb. packages. Regular 14c. each. Sale Price 12c.

## Moir's Syrups.

Half and pint bottles. Reg. 55c. ea. Sale Price 45c.

## Perfect Syrups.

Pint bottles. Reg. 35c. each. Sale Price 30c.

## National Cracknels.

Digestible, nutritious biscuits at very big reduction on their regular price. Regular 80c. lb. Sale Price 50c.

## H.P. Sauce.

Regular 35c. bottle. Sale Price 32c.

## Women's White "Excelsa" Handkerchiefs.

Plain Hemstitched. A very popular line among women who prefer quiet colors more than the showy ones. Regular 16c. each. Sale Price 12c.

## Colgate's Glove Compact.

Black Ivoroid, in small size, to be worn in the glove. Very convenient. Regular 42c. each. Sale Price 35c.

## Infants' Bibs.

White Cambric and Muslin, neatly embroidered and trimmed with Val lace. Sizes 1 to 3 years. Real gaily looking little garments. Regular \$2.25 each. Sale \$1.99

## Children's and Infants' Short Dresses.

Of White Jap Silk, very daintily embroidered and trimmed with Val lace. Sizes 1 to 3 years. Real gaily looking little garments. Regular \$2.25 each. Sale \$1.99

## Men's Gaiters.

A buckle style, with thick wool lining. Durable, heavy rubber soles. Sizes 7 to 10. Reg. \$5.10 pair. Sale \$4.88

## Infants' Underskirts.

A very fine quality. Trimmed with lace, embroidery and fine pin tucks. Regular 85c. each. Sale Price 67c.

## Jersey Silk Knickers.

White and pink shades, trimmed with Cream Maltose Lace. A gift that would be much appreciated. Reg. \$2.65. Sale Price \$2.10

## Chemise Vests.

Pink and White Silk Jersey. Trimmed with satin ribbon and Maltose lace. Made with opera top. Regular \$2.65 each. Sale Price \$2.10

## Women's Silk Jersey Slips.

White, Apple Green, Navy, Brown and Black, with shirring at the sides, wide hem at bottom and elastic top. Reg. \$3.75 each. Sale Price \$2.75

## Central Brand Peaches

Choice Yellow Cling, 1 lb. 14 ounces to tin. Reg. 40c. each. Sale Price 35c.

## Longette Princess Slips.

In 'Pink Peach, Hello, Brown, Navy and White. Made with straps of self material and gathering at waist. Reg. \$1.85 each. Sale Price \$1.58

## Women's and Misses' Wool Gloves.

Heavy knit wool with black stitching at wrist. Colors: Brown, Buff and Grey. Regular \$1.05 pair. Sale Price 85c.

## Tea Aprons.

White all-over embroidery with embroidery trim. With and without pocket. Reg. \$1.35. Sale Price \$1.10

## Royal Red Peaches.

Large size tins. Very reasonably priced. Regular 35c. tin. Sale Price 29c.

## Men's Shirts.

Plain white, fine quality cotton with collar attached. A serviceable gift for father or brother. Sizes 14 1/2 to 16. Reg. \$2.00 each. Sale Price \$1.65

## Men's Pyjamas

Light striped flannelette. In a full range of sizes. Good soft quality, made roomy for comfort and wear. Reg. \$4.35. Suit. Sale Price \$3.55

## Women's Gaiters.

Four buckle style with warm wool lining. Waterproof tops. Sizes 3 to 6. Reg. \$4.65. Sale Price \$4.50

## Women's 4-Buckle Gaiters.

Real good, serviceable quality with warm, durable lining and waterproof tops. Sizes 3 to 6. Regular \$6.25 pair. Sale \$5.05

## Women's Corsets.

Pink Cordell with elastic top and inserts. They require no lacing, finished with four strong hose supports. Reg. \$1.80. Sale \$1.49

## Infants' Muslin and Cambric Bibs.

Beautifully embroidered designs, finished with scalloped edging and point lace. Reg. 40c. each. Sale Price 32c.

## Tourists Worth \$45,000,000 to British Columbia

## BUSINESS MEN CONSIDER ITS DEVELOPMENT MOST POSSIBLE INVESTMENT.

VANCOUVER.—British Columbia's tourist crop was worth over \$45,000,000 this year. That is the figure agreed upon by various travel and hotel agencies as being a nearly exact as it is possible to get it. It is based on the estimated expenditure of the tourists while in the province during the months of June, July, August and September.

At a time when the province's greatest industry is carrying on at reduced momentum because of the fire hazard in the forest, thus curtailing the timber payroll considerably, this giant new industry represented by the expenditures made by tourists, is bringing in new money and circulating it throughout the country. The tourist industry is recognized now as an agency of wealth production just as certain and as important as the development of the more concrete and earlier recognized forms of industrial activity.

Hundreds of thousands of dollars will be spent next year by British Columbia in conjunction with the adjacent states of Washington and Oregon in an effort to attract tourists to the Pacific Northwest. The campaign for tourists has been regarded an international ever since it first gained impetus and the willingness of Oregon in an effort to attract tourists at the same time the Canadian province has been of great advantage to British Columbia because of the fact that approximately 85 per cent. of the tourists, if not a greater proportion, come from U. S. territory. With the opening of the last link of the trans-provincial highway next year it is expected that the percentage of Canadian tourists to British Columbia will grow appreciably.

One tourist agency alone estimates that 250,000 Pacific coast tourists—that is to say tourists from California and other Pacific states—toured the international northwest this year and while in this section spent about \$18,000,000. This agency plans to spend \$75,000 on advertising the Northwest as "the evergreen playground" in the middle western states, and the appeal will also be directed to residents in the prairie provinces.

The attitude of the majority of British Columbia business men towards the tourist movement was expressed as follows:

"The close of the tourist season was to Vancouver just like the closing of a mammoth factory giving employment to thousands of workmen. The money the tourists brought in was just like found money to the community. It represents the biggest and most profitable business we have."

"Tourists come in here, drawn by our natural scenery, and patronize our merchants and industries. And the beauty of it is that the scenery that draws them will never wear out. No matter how big our turnover, our stock can never become depleted."

"A business like that is worth developing. It is worth commercializing, just like any other business is commercialized. For every dollar spent on tourist facilities, Vancouver will take in a thousand dollars in return."

"Speeding up our tourist traffic is the best investment on the market."

## THE NEW FRENCH REMEDY. THERAPION No. 1 THERAPION No. 2 THERAPION No. 3

For Bladder, Kidney, and Urinary Diseases. No. 1 for Chronic Nephritis. No. 2 for Chronic Nephritis. No. 3 for Chronic Nephritis.

## Eminent Prelate Dies on Island

RIGHT REV. DOUGALD MACDONALD, A.D., 87, WAS OLDEST PRIEST IN P. E. I.

CHARLOTTETOWN, Dec. 15.—(Dominion) Rev. Dougald Macdonald, Domestic Prelate, one of the oldest and best known Roman Catholic priests in the East died here to-day at the age of 87 years. Father Macdonald was born at Fiquid, July 18, 1838. He was educated at Laval University, Quebec. In 1911, on the occasion of his Golden Jubilee, Father Macdonald was the recipient of a papal honor, being created a Domestic Prelate. He celebrated his Diamond Jubilee in 1921 and retired in 1922. Ordained by Bishop McIntyre in 1861, Father Macdonald served in the parishes of St. Margaret's, East Point, Rolo Bay, Souris and Little Pond, now five of the largest parishes in the Catholic Diocese. He went to Tignish in 1867 and there built the first brick church edifice, the Tignish Convent and the parochial house using native brick. He remained there until his retirement. Father Macdonald was an able linguist and a historian of some note.

Bacon is the best of food. Almost any kind is good. Certified by Wilson's Brand. On their guarantee they stand. None is better in the land. dec23,25,ed