A Wonder Microscope

The instrument with which two English investigators discovered what they believe to be the germ of cancer is illustrated and described in Conquest (London). Whether a cure for cancer will be the outcome of the researches carried out by Dr. Gye and Mr. Bernard, no one can say, this magazine admits: but of the importance of the advance they have made in the technique of microscopy it has no doubt whatever. It says of the new instrument:

"Mr. Barnard's wonderful microscope objects measuring only 1-250,-000th of an inch. By its aid bodies less than one-third the size hitherto regarded as the extreme limit of the powers of the microscope can now be detected.

"The instrument differs widely in appearance from the conventional laboratory microscope. Indeed, few at first sight would recognize it as a microscope at all. The most remarkable departure from the established methods of microscopy, however, is the arrangement adopted for illuminating the object. Only light of very short wave-length can make such exceedingly small bodies as the filter-passing bacteria visible, and in order to get light of sufficiently short wavelength Mr. Barnard employed a mercury lamp, the light from which falls in the ultra-violet range, and has a wave-length of 546 millimicrons. In order to obtain any detail of the form and structure of the micro-organism, however, light of even shorter wavelength had to be employed, and the photographing of the cancer germ was done with ultra-wolet light having a wave-length of 257 millimicrons.

"Another noteworthy feature of the super-microscope is the method of combining direct and reflected lighting on the object. The combined dark ground and direct illuminator 't attached to a micrometer focusing device having a divided head. An object focused in light of a known wavelength can be adjusted for photography by light of a different wavelength simply by rotating the divided head the requisite number of divisions corresponding to the difference in wave-length. The central ston which stops transmitted light reaching the objective while the apparatus is being used with the dark ground illuminator is withdrawn and the central quartz system comes into

Important to Housewives

A well known Chef of St. John's, says that he can make one more plate of Soup from one tin of My Own Brand Vegetable Soup than any other brand, and still be superior in flavor.

My Own Food Products are increasing daily in popularity. When ordering next from your Grocer, try the My Own Brand.

J. B. ORR CO., LID.,

U.S. and Rubber Control

MR. HOOVER'S "INVITATION."

Mr. Hoover, the United States Secretary of Commerce, in a speech before the Chamber of Commerce at Erie, Pennsylvania, recently, issued a significant "invitation" to foreign Governments to abandon control of production in raw materials.

He declared that the United States is spending £160,000,000 for imports which are subject to such control. He instanced rubber, coffee, silk, nitrates, potash, quinine, iodine, tin, sisal, some dyestuffs, quicksilver, and certain tanning extracts as being subject to price control by Government ac. tion, and he declared that if these practices continued they would inevitagly set up "great malignant currents of international ill-will" and lead to trade wars.

He drew an alarming picture of the possibility of the wool trade being controlled by governmental action within the British Empire, and said that the United States, the "strongest of all nations," could retaliate by controlling prices of cotton, oil, and cop-

So far the United States, as a Government, had set up no such controls, and through the action of the Sherman Act had prevented her citizens from doing so. But were she to do so, an incalculable impetus would be given "to forces of evil in the commercial world which generations could not remedy."

An American Tariff.

American consumers to-day, ha stated, are being 'victimized to the tune of £60,000,000 by artificial prices established by foreign governmental control over the production of raw materials.

Mr. Hoover's speech appears simultaneously with the publication in Democratic newspapers of significant allusions to the immense balance of trade favourable to the United States. Cuba, alone, it is pointed out, has lost in the past year £16,000,000 of her exports to the United States by "America's cut-throat sugar tariff."

Motorists, get your Anti-Freeze and Weed Chains now, also new Cross Bars / fitted in chains, at McKINLAY'S, Lime

Home-Sewers Week at The Royal Stores

Featuring Coatings Silks, Velvets and all Dress Goods

The Royal Stores Home-Sewers Week will be continued until Saturday. If you have not taken advantage of the special price concessions offered during this sale, we would advise you to do so immediately. Our complete stocks of New Coating, Serge, Tweed, Silk, Velvet, etc., showing the newest weaves, patterns and colorings, are included in this sale.

Secure your requirements before this sale is over and save considerable money.

Velour Coating \$4.37 per yard.

Beautiful Suede finish Velour Coating, self ribbed and check effects, in the new Rust snade, or inches the is easily the most popular coating of the season. Secure the making of your new coat at this special \$4.37 check effects, in the new Rust shade, 54 inches wide. This price. Reg. \$4.37 per yard. Sale Price

Plain Velour Coating \$2.70 per yard. 54 inches wide, shades of Brown, Dark Grey, Light Grey and Fawn, special Suede finish. This line offers you ex-

and Fawn, special Suede mass. This had ceptional value in good looking and serviceable \$2.70 coating. Reg. \$3.00 per yard. Sale Price Velour Coating \$3.29 per yard. If you are looking for a medium price coating, you can-not do better than see this line. It is shown in shades of

Fawn, Grey and Green, Suede finish, 54 inches wide, and

Fawn, Grey and Green, Suede minsh, by hard. \$3.29.

Velour Coating \$4.10 per yard. This is an exceptionally good quality, having a splendid Suede finish, shades of Fawn, Grey and pretty Plaid, 54 inches wide. A rich looking material that would make a handsome coat. Reg. \$4.55 per yard. Sale Price \$4.10

Beautiful

Satin Linings

Beautiful Linings in exquisite brocaded effects, shades of Cerise, Paon Blue, Gold, Grey, Saxe, Cinnamon, Purple, Jade, Brown, Fawn, Mustard and

 Reg. \$2.35 yard. Sale Price
 \$2.12

 Reg. \$2.65 yard. Sale Price
 \$2.39

 Reg. \$3.00 yard. Sale Price
 \$2.70

Butterick

PATTERNS

Visit our Pattern Department and secure the pattern most suited for the particular garment you require. The pattern with "Deltor" enclosed will tell you the exact amount of material required.

Then visit our piece goods counter and secure from our broad selection, the material you

The "Deltor," a complete dressmaking guide

will tell you how to make any garment

Satin Linings.

Heavy Blanket Coating, \$4.68 per yard. One of our newest arrivals, assorted Greys with reverse side in pretty plaid effects, all wool of extra heavy quality; 54 inches wide. Reg. \$5.20 per yard for \$4.68

Blanket Coating. All Wool Blanket Coating, shades of Rust, Brown, Fawn

Check Blanket Coating \$3.29 per yard. This is a very pretty coating, of a new check effect that's sure to catch the eye; 54 inches wide, and very \$3.29 serviceable. Reg. \$3.65 per yard. Sale Price...

Grey Astrachan \$3.96 per yard. Closely woven with a heavy pile, and a splendid fin Closely woven with a neavy pile, and a spice looks well and wears well; 54 inches wide. Reg. \$3.96 \$4.40 per yard. Sale Price

Grey Astrachan \$2.48 per yard. This is a lighter weight, of excellent quality; \$2.48 inches wide. Reg. \$2.75 per yard. Sale Price

Nap Coating. 21000 A splendid showing of good looking Nap Coatings, shades of Navy and Grey; 54 inches wide, all excellent values at Navy. Reg. \$1.80 per yard. Sale Price Reg. \$2.50 per yard. Sale Price.
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Black Astrachan \$3.83 per yard. This is a high grade Astrachan, of closely woven mater ials with a heavy pile, showing a splendid silky inches wide. Reg. \$4.25 per yard. Sale Price

Cream Bearskin \$4.68 yard. Ideal for children's coats, caps, pram covers, etc., of a good quality: 54 inches wide. Reg. \$5.20 per \$4.68 yard. Sale Price

Raglan Cloth \$2.48 yard. Good looking Ragian Cloth, shades of Fawn and Grey 60 inches wide, treated by the new process which makes it dependable in wet weather. Reg. \$2.75 per \$2.48

Exposition and Sale of The New Fall Silks

Always interesting, our Silk Department will prove considerably more so these days to all home-sewers. and dressmakers. Our display of new Fall materials, representing the best products of the leading manufacturers. For your every need you will find a suitable fabric, both in weaves and color, for variety practically knows no bounds—such a display aided by low prices, a sures every woman the choice of her heart at a saving she will appreciate.

Pretty Shot Taffetta Silk, shades of Tomato, Rose, Purple, Blue, Green, Lemon, Brown and Gold; 36 inches wide. A rich lustrous silk for the making of Fall frocks, evening and after-

Pailette Silk \$2.49 per yard. 36 inches wide, shades of Fawn, Grey, Saxe, Lavender, Paon Blue, Dark Brown and Purple. A soft clinging silk which adapts itself admirably to the new styles in gowns. Reg. \$2.48 \$2.75 per yard. Sale Price

Pagoda Silk \$1.58 per yard. Pagoda or Silk Broadcloth, a very serviceable washing silk, shown in all the newest shades, Goblin Blue, Saxe, Cabaret Blue, Grey, Lavender, Dark Brown, Buckskin, Castellian Red, Mayflower, Flesh, Salmon, Coral, Raphael, Arabisque, White: Cream and Black. Reg. \$1.75 per yard. Sale Price \$1.58

Jap Silk.

A selection of Jap Silk that assures you your choice of color, shown in shades of Henna, Rose, Maize, Navy, Light Green, Dark Green, Powder Blue, Pale Blue, Pale Pink, Saxe, Yellow, Orange, Flame, Brown, Sand, Grey, Copper and Jade.

Fuji Silk \$1.35 per yard. This assemblage rivals a rainbow in its wonderful selection of new shades, and are of such high quality that will stand frequent launderings successfully; 33 inches wide, in the following shades: Trianon (Light Tan), Seal Brown, Pink, Coral, Laurel Pink, Conch Shell, Powder Blue, Diana Blue, Whirlpcol, Tur-quoise, Navy, Leghorn, Pablo, Lavender, Psyche, (Green), Beige. Grey, French Grey, Castelian Red, White and Black. \$1.35
Reg. \$1.50 per yard. Sale Price Reg. \$1.50 per yard. Sale Price

Colored Mousseline \$3.15 per yard. 36 inches wide, shades of Lemon, Pink, Grey, Sand, Pitch Pine, Green, Rose, Peach, Henna and Navy; rich lustrous silks that possess a charm all their own. Reg. \$3.50 per yard. \$3.15

Colored Satin \$2.39 per yard.

You will have to see these beautiful Satins to appreciate their very special value, 36 inches wide, shades of Flame, Orange, Tangerine, Whirlpool, French Blue, Rose, Seal Brown, Cocoa Brown and Green. Reg. \$2.65 per yard. Sale Price . \$2.39

One visualizes in these white silks the possibilities of creating the most charming frocks for the bridal ceremony, for dancing, evening wear, etc., 36 inches wide, of a splendid quality.

Reg. \$2.65 per yard. Sale Price . \$2.89

Reg. \$2.35 per yard. Sale Price . \$2.57

See these Charming DRESS VELVETS

Silk Velvet.

Rich clinging sHk dress velvet, shades of Grey, Cyclamen, Grisclair and White; 36 inches wide, very fashionable for Fall

Dress Velveteen.

36 inches wide, shades of Old Rose, Copper, Amethyst, Sand, New Green, Tabac, Sapphire, Napoleon and Navy. The quality is excellent and the price very low. Ask to see this line, it will delight you. Reg. \$3.00 per yard. Sale Price . \$2.70

Velveteen.

22 inches wide, shades of Cardinal, Myrtle, Olive, Taupe, Sapphire, Brown, Ruby, Saxe, Navy, Black and White, Reg. 81c.

We are showing a complete selection of linings, suitable for every purpose, both plain and fancy; all offered during home-sewers week at substantial reductions.

A Wonderful Bargain in

This is a bargain you should not miss; good looking, well finished Corded Velveteen; shades of Navy, Myrtle, Brown, Taupe, Crimson, Tabac, Ivory, Marcon and Black; 27 inches wide. The opportunity of the season to secure some of this very service-able Dress Velvet at a saving you should take im-

98c yard

The Royal Stores, Ltd.

Italy's 6,000 Mile

South America, which was fornally opened recently by Signor ni, is a remarkable example of the combination of Italian enter orise and British workmanship.

The cable which is 6,000 miles ong, begins near Rome and ends at enos Aires. The whole undertak ing has been conceived, financed and completed within three years. Orders for much of the equipment, including submarine cable and instruments for the cable stations to the extent of £1,000,000, were given to England. Greenwich and Woolwich were chiefly concerned.

Between fifty and sixty British telegraph operators have already een engaged to staff the stations. South American Contracts. The newly formed Anglo-South Amrican Association, 25, Haymarket, S.

W., state: Already the Prince of Wales's visit o the rich countries of South America has stimulated trade between those countries and Great Britain.

We estimate that the next twelve nonths' returns will show an increase in trade of from 15 per cent, to as much as 30 per cent. Already big contracts involving large sums have come to this country from both the Argentine and Chile: while, stirred by the Prince's words of how we are losing trade, British merchants are actively setting to work and sending out their representatives

Within the next few weeks a deoutation of Venezuelan business men proposing to visit this country with the purpose of talking over a table with our own business men, to show them that although the Prince was not able to visit Venezuela, this little republic, which, for its size, has more British capital invested in it than any other of the 17 South-American Republics, is determined that industrial intercourse between Latin-America and this country shall be developed to the utmost.

The scheme for the reclamation of a arge area of the marshes in Bermuda, British West Indies, has made such good progress that it has been possible to place orders in England for some of the plan and equipment needed for the undertaking.,

The Horsley Bridge and Engineer ing Company, Ltd., of Tipton, Staffordshire, have been engaged for the past six months on the work of extending the wharf at Port Harcourt, Nigeria. The contract involves a sum exceeding £100,000.

Earth's Unknown Lands Beckon Explorers

When Theodore Roosevelt, Jr., sailed for Asia, early last summer, a young fellow standing on the pier remarked: "Well, he's off, but I'll bet he won's have as much fun as his dad did. reddy, Sr., lived when there was still some real exploring to be done."

The highest mountain in the world yet may remain to be discovered. A fabulous radium mine may be awaiting a prospector. The most luxuriant valley on earth may lie hidden between unknown rivers.

When Admiral Peary came back from his last trip to the Arctic, he told of several thousand square miles in the Far North where in summer there are miles of green grass, where musk-oxen, polar bears, foxes, seals, walruses, eagles, ducks, and geese have undisputed dominion. As yet they belong to no man. And only a few weeks ago Donald B. MacMillan returned out of the North after a vain attempt to explore by airplane a vast arctic continent thought to exist just below the Pole. Among other discoveries in Greenland he found the remnants of ancient habitations of the Norsemen. Practically the whole of the polar regions is yet to be revealed and mapped.

Between Antarctica and Australia there lies a bit of land called the Kergueler Archipelago. On it there is room for three or four millions of intelligent human beings with prosperous farms and humming factories. Now it has a population of 50 sailors, once shipwrecked there.

Of the lands outside of the icebound regions, Africa is the least explored. Bands of nomad, black-veiled desert robbers, alone, know the secrets of the interior of the Sahara that some one some day is going to change with a magic wand into great plantations. Dutch and English explorers have reported mountains in the interior of Liberia and French West Africa, but very little is known about them. Their altitudes have not been determined cientifically, and the animals that live on their slopes have not been

In South America, too, adventurers, following up the courses of unknown rivers, may find queer beasts, birds, and men, whose like we never have seen. As for fossil finds, the possibilities are endless.

Aerial travel and photography will nake exploration of the future a much Mole dyed dark green is quicker process than in the past. But coat of light green kasha, he thrilling part of it is that it will e in our day. Adventure is still be-

CONFEDERATION LIFE. -

All Chivers' preparations are of guaranteed purity, and are made in the fresh air of the country under ideal hygienic condition

Chivers **Olde English** Marmalade



Only Selected Seville Oranges and Refined Sugar, but so skil fully blended as to preserve the valuable tonic properties of the Your Olde English Marmalade . . makes break. fast worth while," writes a user.

Chivers Jellies



Flavoured with Ripe Fruit Juices The family and visitors, children and adults, all delight in CHIVERS JELLIES—they are delicious,

wholesome and refreshing.



Chivers & Sons own 6,000 acres of land, a large proportion of which is devoted to fruit culture. They use each year thousands of tons of fruit freshly picked from their own orchards and preserved as soon as gathered with refined sugar only.

Chivers Custard Powder



Combines highest Quality with greatest Economy. It creams up into a nutritive Custard of exquisite flavour. A Packet makes I Pint A Drum makes over 100 cups.

CHIVERS & SONS, Ltd. The Orchard Factory, Histon, Cambridge, England. Chivers' products are sold everywhere, but a build you have difficulty in obtaining them.

ST. JOHN'S, Newfoundland Mole dyed dark green is used of

G.W. SNOW, 376 Water St

The sports frock uses leats both front and back.

A great deal more freedom is giv to the tailored mode.

You cannot man for more without hearin hete noire, the spoiling their ing their lives.

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