

# POOR DOCUMENT M C 2 0 3 5

THE EVENING TIMES AND STAR, ST. JOHN, N. B., TUESDAY, APRIL 17, 1923

## New Army Gas Mask Lets Wearer Speak

Makes It Possible for Officers to Give Orders in Battle Without Removing It. Has Other Improvements.

Washington, April 17.—The Chemical Warfare Service of the army has developed a new gas mask so constructed as to enable the wearer to carry on conversation while using it and thus making it possible for officers to give orders in battle without removing it. Such a mask will be of vital importance in troop operations and the invention of the speaking device in this new type of mask is regarded by army experts as the greatest improvement in gas masks since the close of the World War. They regard it as the most nearly perfect device of its kind in the world.

The new mask has a sort of diaphragm attachment somewhat similar in appearance to that used on phonographs. By means of it the wearer of the mask can carry on conversation with about 80 per cent. of the efficiency of the average speaking voice. American experts had been trying to achieve the same result through a telephone attachment, but the development of the diaphragm idea led to the attempt to arrange the mask so as to provide for telephonic conversation has been abandoned. The diaphragm attachment is less cumbersome, not complex and experiments conducted by the army have demonstrated that the human voice is reproduced efficiently through use of the new attachment.

The perfection of the new mask has reached the point where orders have been given for its production on a considerable scale at the Edgewood arsenal. The new mask embodies a number of other recent developments. It contains a new canister which, through the addition of new chemicals, not only protects the wearer against the ordinary gases used in chemical warfare but also against ammonia fumes and the deadly carbon monoxide. It is expected that this improvement will make the new mask invaluable to firemen in great cities, as well as to mine workers and those who are employed in the fumigation of vessels.

There are also features embraced in the construction of the new "all-purpose" canister that lessen air resistance and reduce the distress of breathing to practically a negligible quantity. This improvement includes elimination of the nose and mouth pieces and has resulted in considerable reduction in the amount of charcoal used in the mask. The new mask likewise contains a device for passing dry air from the canister over the eyeglasses of the wearer. A special arrangement also enables the chemical containing case to be carried under the arm instead of on the chest, as in other types of masks, and thus provides greater freedom in body movement of the wearer. Experiments are also being conducted with chemicals that render cloth impervious to burning gases but which will at the same time permit moisture from the human body to escape.

A meeting of the Western Country Club was held last evening at the Board of Trade rooms with the president, G. L. Warwick, presiding. Plans were discussed for the development of the new golf course.



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## Kindergarten Tag Day on Saturday

At a meeting of the Free Kindergarten Association held yesterday afternoon in the Board of Trade rooms, with Mrs. Allan G. McAvity in the chair, arrangements were made for the tag day. The treasurer, Mrs. H. A. McKewen, reported a balance of \$850.57 and many outstanding bills. Mrs. H. H. Pickett, in her report as convener of the teachers' committee, told of the meeting of the Kindergarten Alumnae and of the meeting of the teachers and assistants. The teachers' meeting had been held at the South End kindergarten where Miss Cobwell has charge, and Mrs. Pickett conveyed special praise to the decorations

that made the South End room so attractive. The children had made the decorations which were in keeping with the Easter theme. Mrs. Pickett said the teachers' registration sheets were now being used. She asked the visitors to go earlier to the kindergarten so that they might be in time to see the morning circle. The visitors appointed for the next month were as follows: North end, Mrs. Latham; St. James, Mrs. F. E. Holman; Mabel Peters kindergarten, Mrs. H. L. Spangler; Wellington Row, Miss Mabel Howley; St. Mary's, Mrs. Allan G. McAvity.

Arrangements for the tag day were then taken up. The window cards made by Mrs. A. W. Estey were spoken of with much approval. Mrs. H. L. Spangler reported that the slides would be shown in the local theatres this week. The ward conveners were named but not all wards

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## GLLEN FALLS CLUB

The Glen Falls Club met last evening at the home of Mrs. George Buckle. Arthur Boyles, president, was in the chair. The concert committee reported that the entertainment recently held had been a decided financial success, a substantial sum being realized for the building fund for a new club house. The efforts of F. O'Hara, L. Dow and H. Murphy were largely responsible for the performance in the near future and more will follow. The majorities by which the action of the club to the first and third Tuesdays of each month.

## RECORD STRAWBERRY CROP

Chicago, April 17.—Indications that the nation's strawberry crop this year would be the largest on record were reported by the United States Bureau of Agricultural Economics.

Statistics on early shipments and acreage in the berry producing fields showed that this year's crop in all probability would exceed last year's record output of 18,040 carloads not including numerous express shipments of choice quantities consumed locally or manufactured into preserves and jellies.

The six leading States in 1922 were Tennessee, with 3,600 cars; Arkansas, with 2,200 cars; Missouri, with 2,050 cars; Maryland, with 1,650; and Louisiana, with 1,540 and North Carolina, with 1,100 cars.

Forecast of production in Florida this year is nearly 9,000,000 quarts, or 110 per cent. more than last year. Carlot shipments to April 7 were 897 cars, almost three times as many cars as came from Florida all last season.

Damaged somewhat by frost, the crop in Louisiana may not greatly exceed that of 1922, when nearly 21,000,000 quarts were picked. Shipments to date are thirty cars less than those of the early part of last season, filling only 200 cars.

## DR. D. R. DRUMMOND'S "WAY OUT."

To the Editor of the Times:

Sir—One cannot but recognize the ability and earnest spirit behind Dr. Drummond's suggestion. Its fundamental weakness is found in his own words on page 2:—"In my thought the units would retain their identity and autonomy." According to this, there is to be no union at all. This is nothing more than co-operation with a more elaborate machine and a new name.

First, I am sensitive about the honor of the Presbyterian Church. She has pledged herself again and again to Union. Not only the Assembly but the Presbyteries and the people. On the basis of that pledge the other denominations have made large sacrifices and changed their policy to meet the new conditions which Union would bring in. Thousands of our own people have taken our church at her word and given up their denominational identity be-

## have the place in the hearts of the members of other denominations that he has in his own—at least, it is much harder to gain. Let Union come with the enthusiasm it would generate for the United Church of Canada, and these difficulties would be fused in the fire of a new zeal for the cause.

Fourth, this scheme does not recognize that co-operation has reached its limit. It has done much in new Canada, but there are still hundreds of points in Eastern Canada where wasteful rivalry persists between these denominations who hold the same faith, and while men and money are being poured in there, vast districts in the north and west go without religious ordinances. The writer has just had a letter from a Presbytery which has tried to bring a number of congregations into the system of co-operation. In instance after instance the reply has been given that they will wait until after the Assembly, and if the Assembly decides on Union, they will open negotiations with the other denominations with a view to co-operation pending Union, but with Union as the condition. The members of our churches here will not be driven into Unions into which the church herself does not go. The only way to solve these local problems is for the church as a whole to do what the clamor and needs of the country demand—form one united evangelical church to meet the people's religious needs.

Fifth, apart altogether from these practical considerations, Dr. Drummond's own reasons for his proposals are self-destructive. The scheme is bly wrought out, but it is simply a desperate effort to evade an issue. It is born of fear, as he himself states in the close of his recent letter, and no kind of that paragon can live. It conjures up a picture of great numbers of Presbyterians leaving the church of their fathers if Union goes through. I can see no ground for such fears. Some will go. But many who now

## oppose will stay with their church.

Everyone who has studied human nature in these last fateful years knows that no greater mistake could be made than to assume that human nature has no higher capacity than appears on the surface. Call men and women to a great ideal and they will respond. There is the noblest ideal behind this Union Movement. It is nothing less than to do our part to restore the dis-membered body of Christ. It is to desire to give the Christianity of this new nation a form that will express adequately its own nature and bring together under one name and for one end people who belong to one another in spirit. There is no difficulty in the way of this enterprise which courage and faith cannot cast into the sea.

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