

chemicals used in bleaching. Dr. Kedzie also mentioned the fact that where bees are fed on glucose, this substance will be deposited in the cells without change. In connection with the adulteration of sugar, the doctor also said that one bushel of corn would make about 40 pounds of grape-sugar or glucose. Where the sugar is of a blue tinge, it is an evidence that blueing has been added to the sugar to relieve the yellow appearance due to the adulteration. The experiments and reports heretofore made by Dr. Kedzie had been made the basis of a memorial to Congress asking legislation upon the subject.

#### VENTILATION OF BUILDINGS.

Rev. Dr. Jakes read a paper on the heating and ventilation of buildings already constructed. He showed diagrams illustrating the methods of improving the ventilation in buildings already constructed. One method was the leading of fresh air from outdoors to a jacket enclosing a space around a stove, and withdrawing the foul air from the floor level by means of pipes which lead from near the floor to the chimney above. He gave an illustration of a church which had been insufficiently warmed by three stoves, but which was afterwards thoroughly warmed and ventilated by one of these stoves, properly jacketed, and the cold and foul air withdrawn from the floor level. The ventilation of two churches by a similar method cost but \$10, and ventilating apparatus for dwellings costs from \$1.25 to \$10.

#### ILLUMINATING OILS.

Dr. Kedzie brought before the Board a sample of "mineral seal" oil, a new brand, which stands a flash test of 260 degrees, by the Michigan method, and will also stand the Michigan chill test. He exhibited a lamp filled with this oil, which gave a brilliant light equal to 26 railroad candles. This oil is manufactured for the Standard Oil Company, Cleveland. It sells for 40 cents a gallon. It is made by freezing the paraffine out of heavy paraffine oil. He recommended the use of this oil on railroad cars, under very stringent provisions. He showed the safety of the oil by heating it to 254 degrees and plunging lighted pine sticks into it, when they were immediately extinguished.

#### REGULATION OF MEDICAL PRACTICE.

LeRoy Parker read a report on the subject of the Illinois law regulating medical practice, and on the proposal to regulate the practice in Michigan. The Illinois law compels an examination by a state board, and the effect is to drive quack doctors out of the state, and some have come to Michigan. He recommended the enactment of a law by the Michigan legislature, requiring practitioners to undergo examination.

Dr. Hitchcock presented the form of a memorial to the legislature on the subject, expressing the

opinion that great injury is being done to the health of many persons in this state, and that many deaths occur because of treatment by ignorant and unscrupulous pretenders, bearing the name of doctor, with perhaps the title of "M.D." He recommended an examination of practitioners in anatomy, physiology, pathology, chemistry and botany.

#### DIPHTHERIA STATISTICS.

The secretary presented reports from Dr. E. N. Palmer, of Brooklyn, Jackson county, relative to the outbreak of diphtheria in that section. During a period of five months, there were 67 cases and 11 deaths. He gave several instances where diphtheria had been communicated by persons convalescent from that disease; also, by persons who did not have the disease at all, but were in attendance on patients.

The document on the prevention and restriction of diphtheria, issued by the board, has been in great demand, not only in Michigan, but throughout other states and territories.

Dr. Baker presented the subject of the temporary maintenance of diseased and crippled children at the State Hospital in Ann Arbor, as a means of preventing sickness and pauperism in after life.

#### WESTERN AND ST. CLAIR MEDICAL ASSOCIATION.

The Western and St. Clair Medical Association held its thirteenth annual meeting in London on the 20th ult. The following members were present: Drs. Tye, Bray, Holmes, Lumley, Newell, Graham, Smith, Vanelvor, Buck, Beemer, Edwards, Brett, Caw, Fraser, Stevenson, Richardson, McLean, McAlpine, Fraser, Stevenson, DeLom, Flock, Brown, Wilkinson, Jones, Cream, Payne, C. S. Moore, C. T. Moore, and Street. The following officers were elected:—Dr. Lambert, President; Vice-presidents, Dr. Caw for Middlesex, Dr. Brett for Lambton, Dr. Richardson for Kent, Dr. King for Essex; Dr. Fraser, re-elected Treasurer; Dr. Beemer, re-elected Secretary.

Dr. Tye, the retiring President, delivered an able and interesting address which will appear in our next issue.

Dr. Holmes read an interesting paper on the treatment of the nerves by electrolysis, and Dr. McLean, of Sarnia, read an essay on the reciprocal relation between the medical profession and the general public. The members of the Association were subsequently entertained by Dr. Fraser at his residence. The next meeting will be held in Windsor in June next.

PARLIAMENTARY HONORS—Dr. Robertson, of Milton, has received the unanimous choice of the Reform Association of Halton, for the Ontario Parliament.