

SENATE No. 582

To accompany the petition of The Memorial Hospital, by Richard W. Mirick, attorney, for legislation to authorize said hospital to hold additional real and personal estate. Mercantile Affairs.

The Commonwealth of Massachusetts

MEMORANDUM FROM COMMISSIONER OF CORPORATIONS AND TAXATION.

(See section 7 of chapter 3 of the General Laws, as amended by chapter 364 of the Acts of 1937 and section 2A of chapter 549 of the Acts of 1943.)

To the Honorable Senate and House of Representatives.

The above-named petition was transmitted to me by the Clerk of the Senate on December 4, 1953, with the request for a memorandum.

The Memorial Hospital was chartered as a corporation on March 8, 1871, under chapter 87, under the title of "Trustees of the Memorial Hospital." For other acts affecting the corporation reference may be had to —

Acts of 1872, chapter 179.

Acts of 1890, chapter 178.

Acts of 1891, chapter 12.¹

Acts of 1913, chapter 22.

Acts of 1929, chapter 90.

Acts of 1941, chapter 218.

The petition seeks legislation to authorize the corporation to hold real and personal estate to an amount not exceeding fifteen million dollars. As the limit of authority under chapter 180, section 9, of the General Laws is

¹ Assumed present title.

\$5,000,000, the object of this petition can only be accomplished by an act of the Legislature.

No fee is required by General Laws, chapter 3, section 7 in the case of a corporation of this kind.

Respectfully yours,

WILLIAM A. SCHAN,
Commissioner of Corporations and Taxation.

The Commonwealth of Massachusetts

In the Year One Thousand Nine Hundred and Fifty-Four.

AN ACT AUTHORIZING THE MEMORIAL HOSPITAL TO HOLD ADDITIONAL REAL AND PERSONAL ESTATE.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 The Memorial Hospital, incorporated by chapter
2 eighty-seven of the acts of eighteen hundred seventy-
3 one, as amended, is hereby authorized to hold, for the
4 purposes for which it is incorporated, real and personal
5 estate to an amount not exceeding fifteen million
6 dollars in value, including the amount which it is
7 already authorized by law to hold.

The Constitution of Benzene

By J. H. VAN VLECK and J. W. BOYD
The University of Chicago, Chicago, Illinois

Received July 10, 1911

The chemical structure of benzene is a subject of great interest and importance. The present paper is devoted to a study of the problem of the constitution of benzene, and to a determination of the nature of the bonds which hold the atoms together in the benzene ring. It is shown that the benzene ring is a six-membered ring of carbon atoms, each of which is bonded to one hydrogen atom. The bonds between the carbon atoms are of the same length and strength, and the angles between them are all equal. This is in agreement with the experimental facts. It is also shown that the benzene ring is a planar structure, and that the hydrogen atoms are arranged in a regular hexagon around the ring. The results of this study are in agreement with the experimental facts, and they show that the benzene ring is a very stable structure.