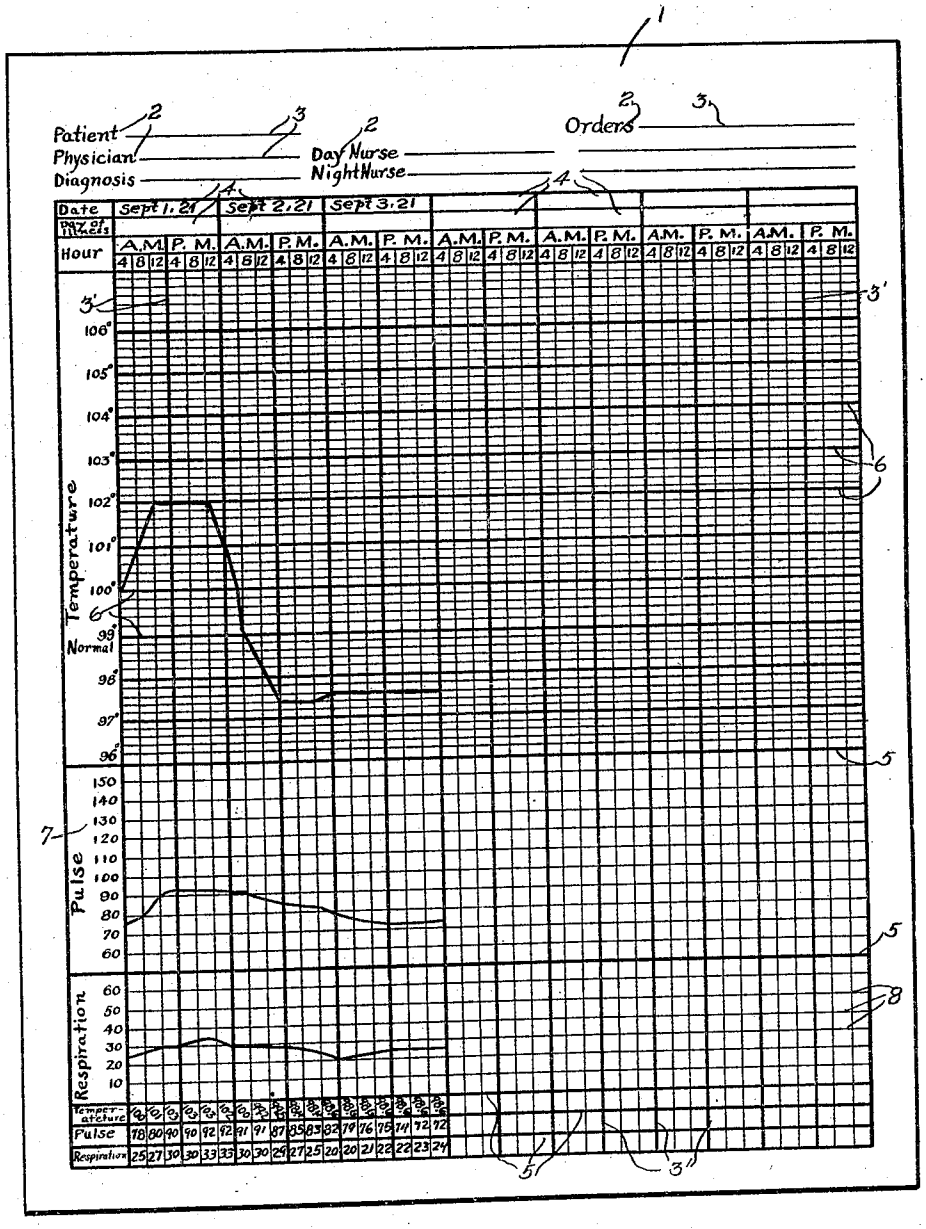
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HOSPITAL CHART.

APPLICATION FILED MAR. 24, 1921.

1,419,831.

Patented June 13, 1922.




WITNESSES

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# UNITED STATES PATENT OFFICE.

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## HOSPITAL CHART.

1,419,831. Specification of Letters Patent. **Patented June 13, 1922.**

Application filed March 24, 1921. Serial No. 455,102.

*To all whom it may concern:*

Be it known that I, FRANCES M. ECKES, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Hospital Chart, of which the following is a full, clear, and exact description.

This invention relates to improvements in hospital charts of the character commonly used by nurses to keep a record of a patient's pulse, temperture, respiration and similar data.

By examining these charts doctors are able to see at a glance just how a case is progressing.

It is an object of this invention to provide a chart whereon a graphic record of a patient's pulse, temperature and respiration may be kept and a chart whereon a written record of the same data may be displayed, the graphic and written data serving as a check one upon the other, so that mistakes in recording are reduced to a minimum.

Another object is to provide a chart which will be convenient in use, which will present a neat and attractive appearance, and upon which a graphic as well as a written record may be properly kept.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

The accompanying drawing is a face view of my improved chart.

Referring in detail to the drawings, 1 represents a sheet of paper or similar material. Adjacent the top of the sheet certain indicia indicated by the reference numeral 2 is displayed. Adjacent this indicia horizontal lines 3 are provided and are adapted to receive the data, as to the names of the nurses and doctors, the diagnosis of the case and other information suggested by the indicia 2.

It is customary to make a record of a patient's pulse, respiration and temperature at four hour intervals and the main body portion of the sheet is ruled in heavy vertical lines such as 3′, to provide a series of vertical columns under the alternate captions of A. M. and P. M. Each one of these columns is divided by light vertical lines into three spaces under the numerals respectively of 4, 8 and 12, indicating the hours at which readings are to be taken. Above each pair of vertical columns designated spaces 4 are provided, in which is written the date of the readings and the date of the illness.

The columns are intersected by a plurality of heavy transverse lines 5 dividing the sheet into three relatively wide spaces under the captions, Temperature, Pulse and Respiration, and into three narrow spaces under the same captions.

In the wide spaces, the temperature, pluse and respiration of a patient is indicated graphically and in the narrow spaces, this data is recorded numerically.

To facilitate keeping a graphic record, the wide space under the caption Temperature is divided by a plurality of heavy transverse lines 6, each line having at one end a caption indicating a degree of temperature, these captions being arranged in a vertical column and of course running in sequence. The spaces between the degree lines 6 are subdivided further by light transverse lines indicating fifths of degrees, so that a graphic record may be kept with accuracy.

The relatively wide space under the caption Pulse is divided by a plurality of light transverse lines, each having a numeral displayed at one end. These numerals indicated by the reference number 7 are all multiples of 10 and are arranged in regular sections, the numbers running from 60 to 150. These numerals stand for the number of a patient's pulse beats per minute, as will be readily understood.

The relatively wide space under the caption Respiration is likewise divided by a plurality of transverse line 8 spaced equal distances apart. In like manner also a numeral which is a multiple of 10 is displayed at each line, these numerals running in regular sections.

It will thus be seen that by virtue of the vertical columns under the chronological captions and the wide transverse spaces under the captions of Temperature, Pulse and Respiration, sub-divided as described, a graphic chronological record of temperature, pulse and respiration may be kept to act as a check upon the accuracy of the one who draws the graphs. The nar-

row spaces under the similar captions are provided and receive the same data in numerical terms.

Although I have illustrated one of the preferred embodiments of my invention, it will be apparent that various slight changes and alterations might be made in the general form and arrangement of the parts described without departing from the invention, and hence I do not wish to limit myself to the precise details set forth, but shall consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claim.

I claim:

A chart of the character described, comprising a sheet of material ruled to provide a plurality of vertical columns, each pair of columns located under designated spaces adapted to receive a date therein, said columns being under the alternate captions of A. M. and P. M., each of said columns being divided into smaller columns under the captions 4, 8 and 12, said sheet being ruled to provide relatively wide horizontal divisions intersecting the vertical columns under the captions Temperature, Pulse and Respiration, wherein data may be recorded graphically and relatively narrow horizontal divisions under similar captions wherein the same data may be recorded numerically, said divisions being so arranged that the graphical and numerical records are in vertical alignment.

FRANCES M. ECKES.