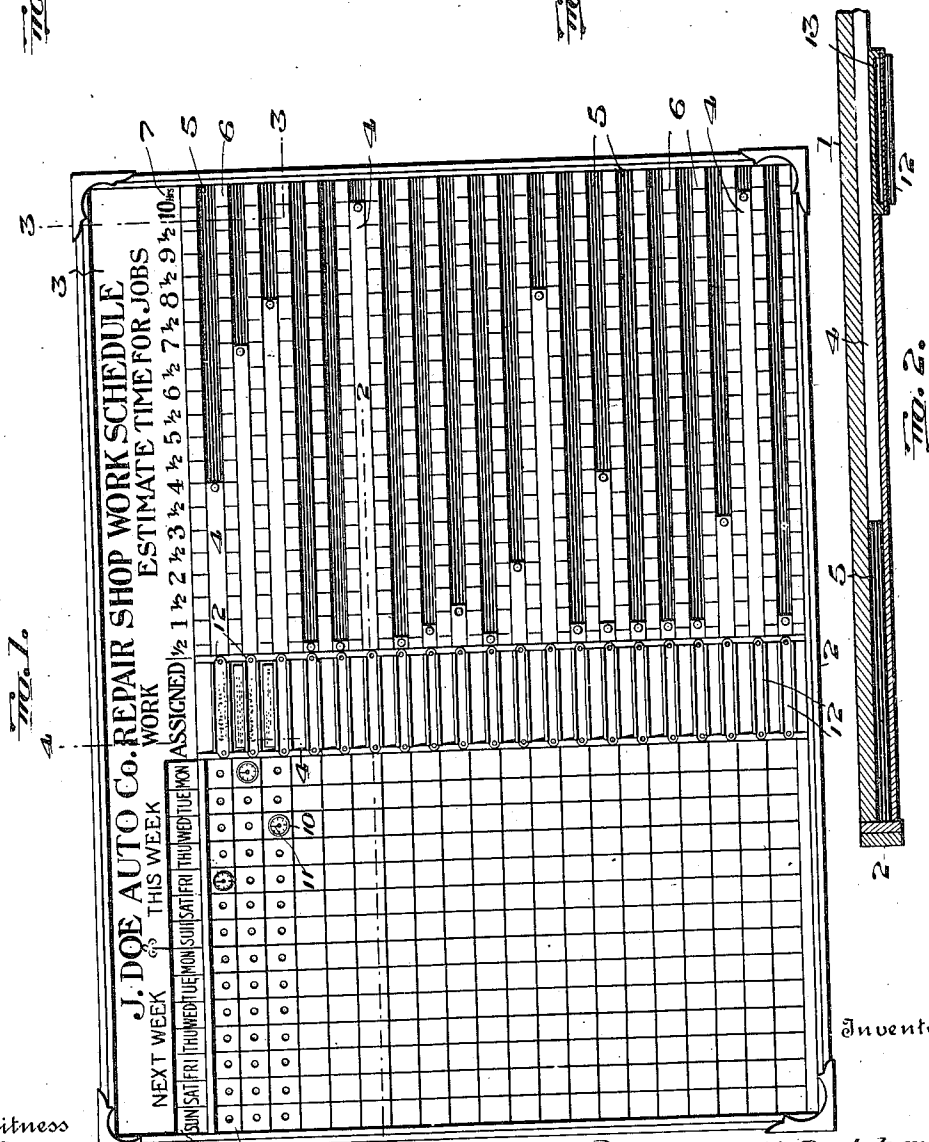
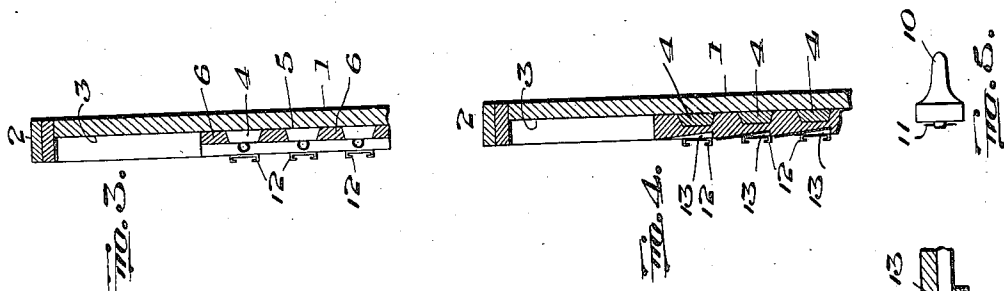


G. H. RADEBAUGH.
 WORK SCHEDULING APPARATUS.
 APPLICATION FILED MAY 16, 1917.

Patented June 4, 1918.

1,268,613.



Witness

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WORK-SCHEDULING APPARATUS.

1,268,613.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GUSTAV H. RADEBAUGH, a citizen of the United States, residing at Urbana, in the county of Champaign and State of Illinois, have invented certain new and useful Improvements in Work-Scheduling Apparatus, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention comprises a work scheduling apparatus. The object is to provide a means for definite control of the production of work in manufacturing establishments and the like.

15 In systems designed for operating work shops, and the like, it is a well known fact that figures as a basis of such systems have little individuality and are not at all attractive to most mechanics. If, however, the system can be correlated with graphical or mechanical elements in such a manner that there is always present a visual indication of the actual condition of the shop or department, the schedule will then control the system. The provision of such a device is one of the principal objects of the present invention.

20 Still a further object, is the production of a schedule of this type which will be simple in construction and arrangement and which will meet the conditions and requirements of modern systematic shop managing methods.

25 A drawing illustrating an embodiment of the invention is hereto appended, the following views being shown:

Figure 1 is a top plan view;

Figs. 2, 3 and 4 are fragmentary sectional views on lines 2, 3 and 4 respectively; and

30 Fig. 5 is a side elevation of one of the components.

Referring specifically to the drawing, the work schedule or board constituting this invention and as herein illustrated, comprises a base member 1 bordered by inclosing marginal portions 2. A section 3 of the face of this board is set aside for designations dividing the board longitudinally at one side into "Estimated time for jobs" and on the other side into days of the week which may in turn be sub-divided as indicated in the drawings into "This week" and "Next week". Underneath the Estimated time for jobs there are a plurality of slide members 4 working in ways 5. These ways are in spaced relation and have between

them graduated members 6 bearing graduations to conform with a schedule 7 dividing the spaces between the slides into hours and one-half hours. The number of hours on this schedule usually corresponds to the number of hours which constitute a full day's work.

Upon the other side of the board there is a line of division 8 representing days of the week and under each day of the week a line of spaces 9 placed in alinement with the slides 4 and again sub-divided vertically into blocks, each one of which will be directly under a day of the week and in alinement with one of the slides 4. These blocks are provided centrally with openings into which a time plug 10 is adapted to fit. Each time plug has upon its face a movable hand 11, passing over a clock face imprinted thereon.

Disposed between the two portions just described there is a space designated "Work assigned" and extending vertically between these two portions just described. Under this space and in alinement with the slides there are provided retaining clips 12 into which there is adapted to be slid longitudinally a card and back of each clip there is provided a pocket 13, which is best seen in Figs. 2 and 4. Into the clip 12 there is generally placed a work control ticket which may carry certain information relative to the work being done and in the pocket back of this clip there may be placed a work order card upon which there is usually placed directions to be followed by the workman in charge of the particular job.

The operation of the device in connection with a shop operating system is as follows: When a job is assigned the time to be consumed is estimated and time slide for it is drawn out to the corresponding number of hours directly above on schedule 7. To follow this out in connection with the topmost slide disclosed in the drawing this would be four hours as the estimated time. The time plug 10 is then inserted under the corresponding day in "This week" or "Next week" upon which the job is promised and in the instance in point this would be Friday of this week. The hand on the clock is then moved to the particular hour of Friday when such job is promised. Thus there is presented visually an exact state of that job as far as the workman who is to handle it is concerned. A slip known as a work con-

trol ticket is then inserted in the clip 12 and a work order card, which in conjunction with the work control ticket contains full data for the workman, is then inserted in the pocket 13 back of the clip 12.

From the foregoing, it will be apparent that the device which forms the subject-matter of the present invention provides a schedule system for repair shops or manufacturing establishments wherein there is always present visually and by means of mechanical elements all the data which is necessary for expedient shop management.

While I have disclosed the invention in the embodiment herewith submitted, it will be understood that I do not wish to limit myself to the precise form of this disclosure, as many changes may be made in the general construction and arrangement of parts without departing from the spirit of the invention or sacrificing its chief advantages.

What I claim is:

1. A work scheduling apparatus comprising a chart having a portion bearing legible characters indicating estimated time for jobs to be done; sub-divisions under said characters dividing a portion of the chart into portions of a day; another portion of said chart bearing indications representing days of the week; sub-divisions under said days of the week; and slide members in alinement with said sub-divisions and adapted to be moved longitudinally under the sub-divisions of the estimated time for jobs.

2. A work scheduling apparatus comprising a chart having a portion bearing legible characters indicating estimated time for jobs; sub-divisions under said characters dividing a portion of the chart into portions of a day; another portion of said chart bearing indications representing days of the week; sub-divisions under said days of the week; slide members in alinement with said weekly sub-divisions and adapted to be moved longitudinally under the hourly sub-divisions of the estimated time for jobs; and time plugs bearing a clock face and hand, adapted to be disposed in the spaces under the days of the week indications.

3. A work scheduling apparatus comprising a chart having a portion bearing legible characters indicating estimated time for jobs; sub-divisions under said characters dividing a portion of the chart into portions of a day; another portion of said chart bearing indications representing days of the week; sub-divisions under said days of the week; slide members in alinement with said weekly divisions and adapted to be moved longitudinally under the sub-divisions of the estimated time for jobs; and a space disposed between the estimated time for jobs

and the weekly sub-divisions, said space bearing characters indicating references to work assigned.

4. A work scheduling apparatus comprising a chart having a portion bearing legible characters indicating estimated time for jobs; sub-divisions under said characters dividing a portion of the chart into hours; another portion of said chart bearing indications representing days of the week; sub-divisions under said days of the week; slide members in alinement with said weekly sub-divisions and adapted to be moved longitudinally under the hourly sub-divisions of the estimated time for jobs; a space disposed between the estimated time for jobs and the weekly sub-divisions, said space bearing characters indicating references to work assigned; and members adapted to carry information classifiable under work assigned disposed in the space between the estimated time for jobs and the weekly sub-divisions.

5. A repair shop work scheduling apparatus comprising a base member; said base member having members forming a border around said member; a chart disposed upon the face of said base member and comprising a portion bearing indications representing estimated time for jobs; a portion bearing indications representing days of the week juxtaposed to said estimated time for jobs; said indications under estimated time for jobs dividing the spaces thereunder into hour and one-half hour sub-divisions; a plurality of slide members adapted to be moved across the spaces under the hourly and one-half hourly sub-divisions; said slide members being in spaced relation; a plurality of graduated members disposed between said slide members and carrying graduations corresponding to the hourly and one-half hourly sub-divisions; a plurality of blocks disposed under the weekly indications and in alinement with said slide members; said blocks being provided with openings; a time plug bearing thereon a clock face, and having a hand movable in relation thereto, adapted to be disposed in the openings in said blocks; a space disposed between said weekly divisions and "estimated time for jobs" portion, said space bearing indications representing "work assigned"; a plurality of card retaining elements disposed beneath said "work assigned" space and a plurality of pockets disposed on said chart back of said card retaining members.

In testimony whereof I affix my signature in presence of two witnesses.

GUSTAV H. RADEBAUGH.

Witnesses:

BRUCE W. BENEDICT,

JOHN H. MORNDEAU.