

Description

This invention relates to a computer work station in which a cathode ray tube (CRT) is positioned in a manner which enhances the user's capacity to work at the station.

Computer work stations comprising a CRT and a keyboard for operating it are well known. These frequently include disc drives and printers which may be at the same or another location, but the work station always includes a CRT and a keyboard for operating the same. These are now both rested on a table, usually with the CRT immediately above and behind the keyboard.

This is a poor location for the CRT in many circumstances. It is difficult to see when the user wears glasses with bifocal lenses. It is a poor location for one who wishes to work with the data on the CRT, rather than to merely supply or change that data using the keyboard. For some tasks it is desirable to have the CRT closely associated with the keyboard, but for other tasks this is not the case.

Despite these evident limitations, there has been no satisfactory CRT location at the known work stations, and those who now use these devices must accept the limitations which presently apply.

Part of the problem may be due to the fact that it has been customary for those who work with data to be different from those who type it. The final work product is provided by several persons, the individual using the computer work station supplying primarily only the typing function. However, professional individuals are today finding themselves more frequently doing all sorts of tasks, including assembling the data they use, manipulating that data, and also presenting their material in a form suitable for direct print-out. Under these circumstances, the work station user must be able to perform more varied activities, and this is not easy to do with the presently constituted work stations.

Canadian Patent 1,106,895 is concerned with a computer work station for accommodating a cathode ray tube and keyboard associated therewith, said work station including a work surface having at least front and back edges and opposite side edges, at least a portion of said work surface being transparent, and a moving assembly arranged to permit movement of said cathode ray tube toward or away from said front and back edges. Although such equipment is adjustingly supported, controlled incremental adjustment in horizontal and vertical directions and in a pivotal manner is not provided for.

According to the present invention there is provided a computer work station for accommodating a cathode ray tube (CRT) and keyboard associated

therewith, said work station including a work surface having at least front and back edges and opposite side edges, at least a portion of said work surface being transparent, wherein a pivotally adjustable support is arranged to support said cathode ray tube (CRT) for controlled pivotal movement around a substantially horizontal axis to be visible through said transparent portion with the screen of said cathode ray tube at a desired angle to said work surface so that said screen of a supported cathode ray tube is visible at a desired downward angle to a worker using said work station; a mounting assembly is arranged to permit controlled movement of said support in substantially vertical directions; a moving assembly is arranged to permit movement of said cathode ray tube in directions toward or away from said front and back edges and toward or away from said opposite side edges; and said pivotally adjustable support, said mounting assembly, and said moving assembly permit easy adjustment of the cathode ray tube to a variety of positions, heights and angles beneath said work table whereby said screen is conveniently visible to said worker at many positions about said work table.

More particularly, the cathode ray tube (CRT) mounted for side-to-side, forward and back, swingable and rotational motions so as to be movable to a variety of positions and angles beneath the transparent work surface so that its display will be conveniently visible on many portions of the table desired by the worker. To accomplish this, the work table is formed with a plurality of legs which support parallel front and back horizontally extending tubes upon which the transparent work surface is supported, and the CRT mounting means including a pair of tubular braces fitted over these horizontal tubes and slidable thereupon to permit the CRT to be moved from side to side beneath the table. Tubular supports extend between the front and back horizontal tubes and a pair of tubular braces are fitted over these tubular supports and are slidable thereupon to permit the CRT to be moved forward and back beneath the table. The CRT mounting means is swingably carried by downwardly extending swing arms pivoted to these last-named tubular braces and is mounted for pivotal movement about a vertical axis. The invention includes the table which will carry the keyboard and CRT.

Also, the transparent work surface is preferably supported by raised elements carried by the front and back horizontal tubes so that the CRT mounting means can slide on the horizontal tubes without encountering the work surface.

It will also be understood that the display will be visible at a downward angle to a worker seated in front of the table. In this way, he can use bifocal

lenses more conveniently. He can also write on a generally horizontal surface almost directly alongside the information which he sees on the CRT.

The table in this invention is normally formed with four legs (preferably vertically adjustable) which support the front and back horizontal tubes. These legs are adjustable to suit the user. The front legs can be placed on a lower position than the back legs to give the work surface a slight incline which some users may like for some purposes. Raised elements extend above the tubes near the four legs so that the transparent work surface, which preferably constitutes the entire top of the table, can rest above the tubes. This is one way to free the CRT mounting means for motion beneath the table. The swing-arm and the pivotal mounting permit the CRT to rotate and swing to the desired viewing position after side-to-side and forward and back motion has placed the CRT in a desired location.

Means are also used to space the front and back tubes, and the transparent work surface is preferably hinged to the back tubes so that it can be pivoted to elevate it at the front, which eases the burden of reaching the CRT to adjust some aspect of its operation. Such adjustment is sometimes required, but it is not frequently needed.

The length of the swing arms which carry the CRT is also variable because different CRTs are of different dimensions. These supports are adjusted so that the top of the CRT is just slightly beneath the undersurface of the transparent work surface. This adapts the length of the swing support to the size of the CRT by bringing the data to be read as close as possible to the user.

In preferred construction, the CRT is positioned in a right angle bracket which is at an angle to the horizontal when the swing arms extend downwardly, and this bracket is rotatably mounted upon a support which interconnects the lower ends of the swing arms.

The invention will be more fully understood from the accompanying drawing in which:

FIG. 1, is an end view of a work station constructed in accordance with this invention; and
FIG. 2 is a cross-section taken on the line 2-2 of FIG. 1.

Referring to FIG. 1, the numeral 10 generally identifies a table containing front legs 11 and back legs 12. As can be seen, these legs 11 and 12 are telescoped so that their upper ends 13 and 14 can be elevated to any desired position using pins 15 which are commonly used for this purpose. Clamps can be substituted. The front and back legs are spaced apart by base spacer 16. The upper ends of the front legs are interconnected by front and back tubes 17 and 18. In FIG. 1, the legs 11 and 12 are at slightly different heights to provide a

slope to the work surface, but that surface can be horizontal, and the horizontal position would be preferred in many circumstances.

The front and back tubes 17 and 18 carry raised elements or lifts 19 and 20 upon which are rested a transparent work surface 21, which normally would be made of glass about 3/8th inch to 1/2 inch in thickness. It is preferred to hinge the glass work surface 21 to the rear tube 18, one of the hinges being shown at 22.

The front and back tubes are interconnected by parallel tubes 30 and 31, only one of which can be seen in FIG. 1. These tubes 30 and 31 are each made in three telescoped sections including a central larger diameter portion 36 which carries the CRT via swing arms 32 and 33 which telescope with respect to lower portions 42 and are adjustable in length via pins 34. Tubes 30 and 31 are spaced apart by a spacing bar 35 which is secured to a central portion of these tubes, as will be discussed, and preferably positioned, as shown, near the front of the table.

The CRT is supported on a right angle bracket 40 which is rotatably mounted on a horizontal support 41. In this illustration of the invention, the rotatable mounting is by a downward spindle 44 fixed to the bottom of bracket 40 and which is extended through a hole in the support 41. The CRT is shown in phantom, and is simply placed on the bracket 40 which may have openings therein to allow cables to interconnect the CRT with the remaining portions of the computer.

Support 41 is carried at the lower ends 42 of telescoping swing arms 32 and 33, and these are pivotally mounted at their upper ends by means of collars 43 which are secured to the portions 36 of tubes 30 and 31. Since the portions 36 are slidably disposed on the tubes 30 and 31, this means that the CRT can be shifted front to back by manual operation.

The side to side shifting of the CRT is more fully shown in FIG. 2 where it will be seen that the back tube 18 has mounted thereon a larger diameter tube 50 and the tubes 30 and 31 are connected thereto. In this way as the tube 50 slides laterally along the back tube 18 (a corresponding element 51 will slide laterally along the front tube 17) the tubes 30 and 31 are shifted laterally, and the CRT is shifted laterally along with them.

It is desired to be able to swing the swing arms 32 and 33 in order to position the angle of the CRT, and this is done by means of the element 60 which is of variable length as a result of the combination of a central collar 61 with threaded bars 62 and 63. Bar 62 is pivotally connected to the tube 36 and bar 63 is pivotally connected to a lower portion 42 of the swing arm 32. One or two of these may be used as desired, and it is well known

that rotation of the collar will vary the length of the combined bars so as to position the swing arm and thereby vary the angle of the CRT.

To summarize the operation, the table is adjusted to the user by choosing the lengths of the legs 11 and 12 via the placing of pins 15. The CRT is placed on bracket 40 and its elevation selected by appropriately placing pins 34. The lateral position of the CRT is adjusted by pushing the assembly which carries the CRT to the side which causes tubes 50 and 51 to slide over tubes 17 and 18. The forward to back position is obtained by pushing the assembly which carries the CRT forward or back to cause large diameter tubes 36 to slide over tubes 30 and 31. It will be seen that these tubes 30 and 31 are formed in several sections so that the height of legs 11 and 12 may differ from one another. When the CRT is positioned, as above indicated, it can be rotated by turning spindle 44 in the vertical hole 45 in the support 41, to allow easy viewing. The collar 61 is now used to vary the length of element 60 which moves the swing arms 32 and 33 to adjust the angle of the CRT.

It should be observed that a tubular construction has been illustrated, and this is the presently preferred form of the invention. These tubes are preferably round, but any slidable construction can be used. Moreover, a sliding construction represents only one particularly practical means for movably supporting the CRT beneath the transparent work surface, and other constructions, such as jointed support arms, will be apparent to those skilled in the art. Also, and while it is presently preferred to have the entire upper surface of the desk transparent, a portion thereof may be of conventional opaque construction so long as a sufficient transparent surface remains so that several executive functions can be carried out on different portions of the transparent surface with the CRT being moved to facilitate such functions. This is illustrated by the fact that one might wish to support a telephone and the keyboard on non-transparent portions of the table or desk.

Claims

1. A computer work station for accommodating a cathode ray tube (CRT) and keyboard associated therewith, said work station including a work surface (21) having at least front and back edges and opposite side edges, at least a portion of said work surface (21) being transparent, wherein a pivotally adjustable support (40) is arranged to support said cathode ray tube (CRT) for controlled pivotal movement around a substantially horizontal axis to be visible through said transparent portion with the screen of said cathode ray tube at a de-

sired angle to said work surface (21) so that said screen of a supported cathode ray tube is visible at a desired downward angle to a worker using said work station; a mounting assembly (32, 34, 42) is arranged to permit controlled movement of said support (40) in substantially vertical directions; a moving assembly (17, 51: 18, 50: 30, 31, 36) is arranged to permit movement of said cathode ray tube in directions toward or away from said front and back edges and toward or away from said opposite side edges, and said pivotally adjustable support (40), said mounting assembly (32, 34, 42) and said moving assembly (17, 51: 18, 50: 30, 31, 36) permit easy adjustment of the cathode ray tube to a variety of positions, heights and angles beneath said work table whereby said screen is conveniently visible to said worker at many positions about said work table.

2. A computer work station according to claim 1, wherein said work station is formed with a plurality of legs (11, 12) which support parallel front and back substantially horizontally extending telescoping tubes (17, 18) above which said work surface (21) is supported and in that the mounting assembly including a pair of tubular supports (30, 31) interconnecting said substantially horizontal tubes (17, 18) and slidable therewith as said tubes are telescoped to permit a cathode ray tube on said mounting assembly to be moved from side to side beneath said work surface (21).
3. A computer work station according to claim 2, wherein a pair of tubular braces (36) are fitted over said tubular supports (30, 31) and are slidable thereupon to permit a cathode ray tube on the mounting assembly to be moved forward and back beneath its work surface (21).
4. A computer work station according to claim 3, wherein the mounting assembly is carried by downwardly extending swing arms (32, 33) pivoted to said tubular braces.
5. A computer work station according to claim 4, wherein the work surface (21) is supported by raised elements (19, 20) carried by said front and back substantially horizontal tubes (17, 18) so that the mounting assembly can slide on said horizontal tubes without encountering the work surface.
6. A computer work station according to claim 5, wherein the transparent portion constitutes the entire work surface of the table, and is hinged



that rotation of the collar will vary the length of the combined bars so as to position the swing arm and thereby vary the angle of the CRT.

To summarize the operation, the table is adjusted to the user by choosing the lengths of the legs 11 and 12 via the placing of pins 15. The CRT is placed on bracket 40 and its elevation selected by appropriately placing pins 34. The lateral position of the CRT is adjusted by pushing the assembly which carries the CRT to the side which causes tubes 50 and 51 to slide over tubes 17 and 18. The forward to back position is obtained by pushing the assembly which carries the CRT forward or back to cause large diameter tubes 36 to slide over tubes 30 and 31. It will be seen that these tubes 30 and 31 are formed in several sections so that the height of legs 11 and 12 may differ from one another. When the CRT is positioned, as above indicated, it can be rotated by turning spindle 44 in the vertical plate 45 in the support 41, to allow easy viewing. The collar 61 is now used to vary the length of element 60 which moves the swing arms 32 and 33 to adjust the angle of the CRT.

It should be observed that a tubular construction has been illustrated, and this is the presently preferred form of the invention. These tubes are preferably round, but any slidable construction can be used. Moreover, a sliding construction represents only one particularly practical means for movably supporting the CRT beneath the transparent work surface, and other constructions, such as jointed support arms, will be apparent to those skilled in the art. Also, and while it is presently preferred to have the entire upper surface of the desk transparent, a portion thereof may be of conventional opaque construction so long as a sufficient transparent surface remains so that several executive functions can be carried out on different portions of the transparent surface with the CRT being moved to facilitate such functions. This is illustrated by the fact that one might wish to support a telephone and the keyboard on non-transparent portions of the table or desk.

Claims

1. A computer work station for accommodating a cathode ray tube (CRT) and keyboard associated therewith, said work station including a work surface (21) having at least front and back edges and opposite side edges, at least a portion of said work surface (21) being transparent, wherein a pivotally adjustable support (40) is arranged to support said cathode ray tube (CRT) for controlled pivotal movement around a substantially horizontal axis to be visible through said transparent portion with the screen of said cathode ray tube at a desired angle to said work surface (21) so that said screen of a supported cathode ray tube is visible at a desired downward angle to a worker using said work station; a mounting assembly (32, 34, 42) is arranged to permit controlled movement of said support (40) in substantially vertical directions; a moving assembly (17, 51: 18, 50: 30, 31, 36) is arranged to permit movement of said cathode ray tube in directions toward or away from said front and back edges and toward or away from said opposite side edges, and said pivotally adjustable support (40), said mounting assembly (32, 34, 42) and said moving assembly (17, 51: 18, 50: 30, 31, 36) permit easy adjustment of the cathode ray tube to a variety of positions, heights and angles beneath said work table whereby said screen is conveniently visible to said worker at many positions about said work table.
2. A computer work station according to claim 1, wherein said work station is formed with a plurality of legs (11, 12) which support parallel front and back substantially horizontally extending telescoping tubes (17, 18) above which said work surface (21) is supported and in that the mounting assembly including a pair of tubular supports (30, 31) interconnecting said substantially horizontal tubes (17, 18) and slidable therewith as said tubes are telescoped to permit a cathode ray tube on said mounting assembly to be moved from side to side beneath said work surface (21).
3. A computer work station according to claim 2, wherein a pair of tubular braces (36) are fitted over said tubular supports (30, 31) and are slidable thereupon to permit a cathode ray tube on the mounting assembly to be moved forward and back beneath its work surface (21).
4. A computer work station according to claim 3, wherein the mounting assembly is carried by downwardly extending swing arms (32, 33) pivoted to said tubular braces.
5. A computer work station according to claim 4, wherein the work surface (21) is supported by raised elements (19, 20) carried by said front and back substantially horizontal tubes (17, 18) so that the mounting assembly can slide on said horizontal tubes without encountering the work surface.
6. A computer work station according to claim 5, wherein the transparent portion constitutes the entire work surface of the table, and is hinged



(22) at the back to slope said work surface.

7. A computer work station according to claim 4, wherein said legs are adjustable in length to adapt the height of said work surface to the user, and the length of said downwardly extending swing arms (32, 33) is adjustable to adapt the length of the swing arms to the size of a cathode ray tube to be mounted.
8. A computer work station according to claim 7, wherein a right angle bracket (40) is disposed at an angle to the horizontal when the swing arms (32, 33) extend downwardly, said bracket being rotatably mounted upon a support (41) which interconnects the lower ends of said swing arms (32, 33).

Patentansprüche

1. Computer-Arbeitsplatz zur Unterbringung eines Bildschirms (CRT) und einer diesem zugeordneten Tastatur wobei der Arbeitsplatz eine Arbeitsfläche (21) umfaßt, die zumindest vordere und hintere Kanten und gegenüberliegende seitliche Kanten umfaßt, wobei zumindest ein Teil der Arbeitsfläche (21) transparent ist, wobei eine schwenkbar einstellbare Halterung (40) vorgesehen ist, um den Bildschirm (CRT) für eine gesteuerte Schwenkbewegung um eine im wesentlichen horizontale Achse zu halten, damit er durch den transparenten Teil mit seiner Bildfläche unter einem gewünschten Winkel zur Arbeitsfläche (21) sichtbar ist, so daß die Bildfläche eines getragenen Bildschirms unter einem gewünschten, nach unten gerichteten Winkel für einen den Arbeitsplatz benutzenden Benutzer sichtbar ist, eine Traganordnung (32, 34, 42) vorgesehen ist, um eine gesteuerte Bewegung der Halterung (40) in im wesentlichen vertikalen Richtungen zu ermöglichen, eine Bewegungseinrichtung (17, 51; 18, 50; 30, 31, 36) vorgesehen ist, um eine Bewegung des Bildschirms in Richtungen zu den vorderen und hinteren Kanten und hiervon weg und zu den gegenüberliegenden Seitenkanten und hiervon weg zu ermöglichen, und die schwenkbar einstellbare Halterung (40), die Traganordnung (32, 34, 42) und die Bewegungseinrichtung (17, 51; 18, 50; 30, 31, 36) ein leichtes Einstellen des Bildschirms in eine Vielzahl von Positionen, Höhen und Winkeln unterhalb des Arbeitstisches erlauben, wodurch die Bildfläche für den Benutzer an vielen Positionen des Arbeitstisches bequem sichtbar ist.
2. Computer-Arbeitsplatz nach Anspruch 1, wobei der Arbeitsplatz mit einer Mehrzahl von Beinen

(11, 12) ausgebildet ist, welche parallele vordere und hintere, sich im wesentlichen horizontal erstreckende teleskopartige Rohre (17, 18) tragen, oberhalb denen die Arbeitsfläche (21) getragen ist, und wobei die Traganordnung ein Paar rohrförmiger Träger (30, 31) umfaßt, die die im wesentlichen horizontalen Rohre (17, 18) untereinander verbinden und hiermit gleitbar sind, wenn die Rohre teleskopartig verschoben werden, um es einem Bildschirm auf der Traganordnung zu ermöglichen, unterhalb der Arbeitsfläche (21) von der einen Seite zur anderen Seite bewegt zu werden.

3. Computer-Arbeitsplatz nach Anspruch 2, wobei über die rohrförmigen Träger (30, 31) ein Paar rohrförmige Klammern (36) gelegt sind und hierauf gleitbar sind, um eine Bewegung eines Bildschirms auf der Traganordnung unterhalb der Arbeitsfläche (21) vor und zurück zu ermöglichen.
4. Computer-Arbeitsplatz nach Anspruch 3, wobei die Traganordnung von sich nach unten erstreckenden Schwingarmen (32, 33), die an den rohrförmigen Klammern schwenkbar gelagert getragen wird.
5. Computer-Arbeitsplatz nach Anspruch 4, wobei die Arbeitsfläche (21) von erhabenen Elementen (19, 20) getragen wird, die von den vorderen und hinteren, im wesentlichen horizontalen Rohren (17, 18) getragen werden, so daß die Traganordnung auf den horizontalen Rohren gleiten kann, ohne mit der Arbeitsfläche zusammenzustoßen.
6. Computer-Arbeitsplatz nach Anspruch 5, wobei der transparente Abschnitt die gesamte Arbeitsfläche des Tisches darstellt und am rückwärtigen Bereich angelenkt (22) ist, um ein Gefälle der Arbeitsfläche zu erzeugen.
7. Computer-Arbeitsplatz nach Anspruch 4, wobei die Beine in ihrer Länge einstellbar sind, um die Höhe der Arbeitsfläche dem Benutzer anzupassen, und die Länge der sich nach unten erstreckenden Schwingarme (32, 33) einstellbar ist, um die Länge der Schwingarme der Größe des zu haltenden Bildschirms anzupassen.
8. Computer-Arbeitsplatz nach Anspruch 7, wobei ein rechtwinklig abgewinkelter Träger (40) unter einem Winkel zur Horizontalen angeordnet ist, wenn sich die Schwingarme (32, 33) nach unten erstrecken, wobei der Träger auf einer Halterung (41) drehbar befestigt ist, welche die



unteren Enden der Schwingarme (32, 33) miteinander verbindet.

Revendications

1. Poste de travail d'ordinateur destiné à loger un tube à rayons cathodiques (CRT) et un clavier associés à lui, ledit poste de travail comportant une surface de travail (21) pourvue au moins de bords avant et arrière et de bords latéraux opposés, une partie au moins de ladite surface de travail (21) étant transparente, dans lequel il est prévu un support (40) apte à être ajusté d'une manière pivotante pour supporter ledit tube à rayons cathodiques (CRT) en vue d'un mouvement de pivotement contrôlé autour d'un axe sensiblement horizontal, afin qu'il soit visible à travers ladite partie transparente, l'écran dudit tube à rayons cathodiques étant orienté suivant un angle voulu par rapport à ladite surface de travail (21), de façon que ledit écran d'un tube à rayons cathodiques supporté soit visible, suivant un angle orienté vers le bas voulu, pour un utilisateur dudit poste de travail; un ensemble de montage (32, 34, 42) pour permettre un déplacement contrôlé dudit support (40) dans des directions sensiblement verticales; et un ensemble mobile (17, 51; 18, 50; 30, 31, 36) pour permettre un déplacement dudit tube à rayons cathodiques dans des directions orientées vers lesdits bords avant et arrière et à distance de ceux-ci et vers lesdits bords latéraux opposés et à distance de ceux-ci, ledit support (40) apte à être ajusté d'une manière pivotante, ledit ensemble de montage (32, 34, 42) et ledit ensemble mobile (17, 51; 18, 50; 30, 31, 36) permettant d'ajuster facilement le tube à rayons cathodiques dans diverses positions, hauteurs et angles au-dessous de ladite table de travail, pour qu'ainsi ledit écran soit visible d'une manière commode pour ledit utilisateur, au niveau d'un grand nombre de positions autour de ladite table de travail.
2. Poste de travail d'ordinateur selon la revendication 1, dans lequel ledit poste de travail comporte plusieurs pieds (11, 12) supportant des tubes télescopiques avant et arrière parallèles (17, 18) qui s'étendent sensiblement horizontalement et au-dessus desquels ladite surface de travail (21) est supportée, et dans lequel l'ensemble de montage comporte deux supports tubulaires (30, 31) reliant entre eux lesdits tubes sensiblement horizontaux, (17, 18) et aptes à coulisser avec ceux-ci, lorsque lesdits tubes coulisseront télescopiquement, pour qu'un tube à rayons cathodiques monté

sur ledit ensemble de montage puisse être déplacé d'un côté à l'autre au-dessous de ladite surface de travail (21).

3. Poste de travail d'ordinateur selon la revendication 2, dans lequel deux entretoises tubulaires (36) sont ajustées sur lesdits supports tubulaires (30, 31) et sont aptes à coulisser sur ces derniers pour qu'un tube à rayons cathodiques monté sur l'ensemble de montage puisse être déplacé vers l'avant et vers l'arrière au-dessous de sa surface de travail (21).
4. Poste de travail d'ordinateur selon la revendication 3, dans lequel l'ensemble de montage est porté par des bras oscillants (32, 33) qui s'étendent vers le bas et sont articulés auxdites entretoises tubulaires.
5. Poste de travail d'ordinateur selon la revendication 4, dans lequel la surface de travail (21) est supportée par des éléments surélevés (10, 20) portés par lesdits tubes avant et arrière sensiblement horizontaux (17, 18), de sorte que l'ensemble de montage peut coulisser sur lesdits tubes horizontaux sans rencontrer la surface de travail.
6. Poste de travail d'ordinateur selon la revendication 5, dans lequel la partie transparente constitue la totalité de la surface de travail de la table, et est articulée (22) à l'arrière pour incliner ladite surface de travail.
7. Poste de travail d'ordinateur selon la revendication 4, dans lequel lesdits pieds sont ajustables en longueur pour adapter la hauteur de ladite surface de travail à l'utilisateur, tandis que la longueur desdits bras oscillants (32, 33) qui s'étendent vers le bas, est ajustable pour s'adapter aux dimensions d'un tube à rayons cathodiques destiné à être monté.
8. Poste de travail d'ordinateur selon la revendication 7, dans lequel une patte à angle droit (40) est disposée suivant un certain angle par rapport à l'horizontale, lorsque les bras oscillants (32, 33) s'étendent vers le bas, ladite patte étant montée mobile en rotation sur un support (41) qui relie entre elles les extrémités inférieures desdits bras oscillants (32, 33).