Title: MICRO LICENSING SYSTEM AND METHOD

Abstract: A microlicensing system comprising: (a) a searchable database of licensable data elements; (b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user; (c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction; (d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
MICROLICENSING SYSTEM AND METHOD

The present invention relates to a microlicensing system and method and, more particularly, to such a system and method adapted, although not exclusively, for the dissemination of copyright-protected works such as pictures and moving pictures with or without associated audio content.

BACKGROUND

Licensing, particularly involving copyright works has, previously, involved a convoluted and time-delayed arrangement for distributing payments consequential to the creation and/or use of works, whether by way of royalties, licence fees or otherwise.

Furthermore, due to perceived difficulties in being able to meter accurately the usage of works, there are various bulk payment schemes in operation which rely on an estimate (sometimes an extremely coarse estimate) of use of the work. Such arrangements may not be considered fair to all parties.

It is an object of the present invention to address or ameliorate one or more of the above-mentioned disadvantages.

BRIEF DESCRIPTION OF INVENTION

Accordingly, in one broad form of the invention there is provided a microlicensing system comprising:
(a) a searchable database of licensable data elements;
(b) search and select means which allows a user to 
select an individual one of said data elements 
according to criteria set by said user;
(c) means for setting terms and conditions for use of 
said individual one of said data elements so as to 
define an identifiable transaction;
(d) means for transmission of said individual one of 
said data elements to a user device; said user 
device enabling usage of said individual one of 
said data elements.

Preferably said data element includes a licensable 
component comprising an image component.

Preferably said data element includes associated primary 
data.

Preferably said data element includes associated 
transaction-specific data.

Preferably said primary data includes author identity, 
model identity and agent identity information.

Preferably said associated transaction-specific data 
includes license terms, license constraints and financial 
data.

Preferably said system further includes a pay trigger.
Preferably said pay trigger causes calculation of payments at substantially the same time for all stakeholders identified by said system as party to said identifiable transaction.

Preferably said searchable database incorporates a microprocessor and memory.

Preferably said system further includes an encapsulation device for encoding of at least portions of said desired one of said data elements.

Preferably said system further includes decoding software.

Preferably said decoding software is implemented as a shell program.

Preferably said search and select means incorporates a dynamic tagging means.

Preferably said dynamic tagging means comprises a dynamic tagging device.

Preferably said dynamic tagging device logs customer data including customer route data.

Preferably said payment to stakeholders and the identity of stakeholders is a function of said payment route data.

Preferably said search and select means incorporates dynamic filter means.
Preferably said dynamic filter means permits browsing of at least the licensable portions of said data elements according to predetermined filter criteria.

Preferably said predetermined filter criteria include one or more of geographic origin of prospective user, area of commercial endeavour in which said prospective user operates.

Preferably said system incorporates a dynamic pay map means by which payments to all of the individual ones of said stakeholders are determined.

Preferably said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

Preferably said first variable comprises transaction route and said second variable comprises stakeholder identity.

Preferably said second variable is comprised of a constant grouping and a variable grouping.

Preferably said constant grouping comprises a constant stakeholder grouping.

Preferably said variable grouping comprises a variable stakeholder grouping.

Preferably said dynamic pay map means determines payments as a function of at least a first variable and a second variable.
Preferably said variables are dynamically allocated by one or more of said dynamic tagging device and said dynamic filter device.

In a further broad form of the invention there is provided a method of microlicensing works for the benefit of all of the individual ones of a plurality of stakeholders; said method comprising utilising a microlicensing system comprising:

(a) a searchable database of licensable data elements;
(b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user;
(c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction;
(d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.

In yet a further broad form of the invention there is provided a method of calculation of payments to stakeholders; said method comprising calculating according to a pay map the return due to all of the individual ones of said stakeholders at the one time.
BRIEF DESCRIPTION OF DRAWINGS

Embodiments of the invention will now be described with reference to the accompanying drawings wherein:

Fig. 1 is a block diagram of the creation of a work and its incorporation into a searchable database of licensable data elements according to a first embodiment of the invention;

Fig. 2 is a block diagram of a microlicensing system according to a further embodiment of the invention utilising the database of Fig. 1;

Fig. 3 is a flowchart of usage of the system of Fig. 2;

Fig. 4 is a block diagram of a microlicensing system having enhanced security according to a further embodiment of the invention also utilising the database of Fig. 1;

Fig. 5 is a flowchart of usage of the system of Fig. 4;

Fig. 6 is a block diagram of a security system adapted to secure works when used with the system of Fig. 4;

Fig. 7 is a block diagram of a microlicensing system according to a further embodiment of the invention and utilising modifications to the database of Fig. 1;

Fig. 8A is a block diagram of steps in the implementation of the system of Fig. 7 incorporating dynamic tagging;
Fig. 8B is a block diagram of operation of a dynamic filter in association with the system of Fig. 7.

Fig. 9 is a block diagram of details of a pay map utilised in accordance with the embodiment of Fig. 7;

Figs. 10 to 22 illustrate an example of an implementation of a searchable database of licensable data elements implementing a microlicensing system according to one or more of the embodiments previously described;

Fig. 23 is a block diagram of a database structure incorporating an internet interface according to a further embodiment of the invention;

Fig. 24 is a block diagram of the data element structure and relevant functional modules for use in conjunction with the system of Fig. 23;

Fig. 25 is a diagrammatic representation of a dynamic pay map structure for use in conjunction with the system of Fig. 23;

Fig. 26 is a graphical representation of the interrelationship between parameters which affect operation of the dynamic pay map of Fig. 25;

Fig. 27 is an intranet image search screen according to a fourth preferred embodiment of the present invention;

Fig. 28 illustrates an intranet search result screen;

Fig. 29 illustrates a catalogue record screen;
Fig. 30 illustrates an Internet search screen;
Fig. 31 illustrates a search results screen via an intranet;
Fig. 32 illustrates an order record screen;
Fig. 33 illustrates an order record screen;
Fig. 34 illustrates an order record screen;
Fig. 35 illustrates a further order record screen of the system of Fig. 27;
Fig. 36 illustrates a further intranet order screen;
Fig. 37 illustrates a further intranet order screen;
Fig. 38 illustrates an Internet order screen;
Fig. 39 illustrates an Internet media/usage builder screen;
Fig. 40 illustrates an Internet license dynamic price builder screen;
Fig. 41 illustrates an Internet order screen with license attached;
Fig. 42 illustrates an Internet order confirmation page screen;
Fig. 43 illustrates a license terms screen;
Fig. 44 illustrates an order purchase screen with download selection;
Fig. 45 illustrates combined image and license details data;
Fig. 46 illustrates combined image and license data in a fulfilled order;

Fig. 47 illustrates a customer record data;

Fig. 48 illustrates bureau summary data;

Fig. 49 illustrates bureau summary data;

Fig. 50 illustrates bureau summary data;

Fig. 51 illustrates bureau summary data in accordance with the fourth embodiment of the present invention;

Fig. 52 illustrates further bureau summary data;

Fig. 53 illustrates further bureau summary data;

Fig. 54 illustrates further bureau summary data;

Fig. 55 is a diagrammatic representation of the parallel calculate and pay system according to a fourth embodiment of the present invention.

Fig. 56 illustrates a distributed restriction system.

**DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS**

With reference to Fig. 1 there is illustrated a microlicensing system 10 comprising a searchable database 11 operable in conjunction with microprocessor and memory 12.

The searchable database 11 includes, in this instance, first data element 13, second data element 14, third data element 15 and fourth data element 16.

More particularly, in this instance, each data element 13, 14, 15, 16 comprises a licensable component in the form
of a digital image component 17 in conjunction with at least
an associated primary data component 18 and, optionally, an
associated transaction-specific data component 19.

With further reference to Fig. 1, and by way of example,
fourth data element 16 comprises a licensable component in
the form of, in this instance, digital image 17 saved in
database 11. In this instance, the element 16 also includes
an associated primary data component 18 and an associated
transaction specific component 19.

The image component 17 is a copyright work (that is, a
work protectable under Copyright law in many jurisdictions)
created by work creators 20 comprising, in this instance, a
copyright holder/author, a model (the subject of the work)
and an agent. Also associated with image component 17 are
other stakeholders 21 comprising, in this instance,
collecting agencies including tax collecting agencies.

In this particular implementation of microlicensing
system 10 the database 11 is collated, organised and driven
by microprocessor and memory 12. In particular this
combination allows a user (not shown) to browse at least the
licensable component of the data elements 13, 14, 15, 16
including, in this instance, digital images one or more of
which the user may require for a specific application and for
a limited period of use.
The user, having selected an image for use (licensing) can then make use of the image in return for payment for the use on agreed terms. Usage according to the agreed terms triggers a liability for payment to the stakeholders in the form of pay trigger 22 which initiates parallel pay process 23 whereby the work creators 20 and the other stakeholders 21 all have calculated together (in parallel) the appropriate payment due to each resulting from the permitted use of the copyright work, in this instance image 17.

With particular reference to Figs. 2 and 3 a particular manner of usage of the image component 17 driven and controlled by microlicensing system 10 will be described as a first preferred embodiment.

With reference to Figs. 4, 5 and 6 a variation on the usage control driven by microlicensing system 10 and incorporating additional security and control features will be described as a second preferred embodiment.

1. **First Preferred Embodiment**

With particular reference to Fig. 2 and Fig. 3 database 10 can be caused to transmit image 17 of fourth data element 16 as a result of agreed contract terms in the form of associated transaction-specific data 19.
The transmission, in this instance, is of only image component 17 to user device 24 which, in this instance, comprises a computer and printer combination running an image manipulation program 25, in this instance the commercially available package known as PHOTOSHOP. The image 17 can be transmitted over commonly available communication channels by electronic or fibre optic means and can be via the Internet or by means of a direct connection or Intranet connection.

Optionally, although in this instance not required, associated transaction-specific data 19 relating to licensing and usage parameters can be transmitted as part of fourth data element 16 to user device 24.

The user (not shown) may then manipulate image component 17 using manipulation program 25 in accordance with the licensed terms as defined by contract terms 19. At the time of entering into the licence agreement or at the commencement of use or when the license expires or at another predetermined point a pay trigger 22 causes microlicensing system 10 to first calculate at the same time for all of the individual ones of the stakeholders identified for that transaction and then to pay automatically the appropriate royalty or other return due to the stakeholders of image component 17 including, but not limited to, the work creators 20 and other stakeholders 21 as described earlier with
reference to Fig. 1. Fig. 3 illustrates a flowchart of the process of the first embodiment. The steps of the process can also be described as follows:

**Step 1A**

- Photograph 17 Supply Account opened
- Photograph is catalogued, barcoded and scanned
- Customer Account opened.

**Step 1B**

- Customer searches archive or database 10 by one or more of subject, keyword, description and intended usage profile.
- Search results can exclude industry, censorship, and photographer, and territory restrictions.

**Step 1C**

- Customer requests quote which is built by a group of parameters
  - Media (printrun, size, position)
  - Territory
  - Period of Use
- Industry of Use
- Customer may request competitive restriction control by industry, territory and time.
- Analogue or digital photographs are delivered.
Step 1D

- Customer uses photo or image portion 17 as per license parameter details and returns original analogue versions.

- Invoice is processed as per license.
- Receipt is collected (unless credits occur).

Step 1E

- Following receipting the various stakeholders or interested parties including

  - Agents/Distributors
  - Affiliates
  - Photographers
  - Models
  - Withholding Tax/GST

are paid in a parallel pay process 23.

2. Second Preferred Embodiment

With reference to Figs. 4 and 5 a modification to the process of the first embodiment will be described where like components are numbered as for the first embodiment.

In this embodiment a security measure is implemented in the form of encapsulation device 26 which, following the example of the first embodiment, combines image component 17,
associated primary data 18 and associated transaction specific data 19 of fourth data element 16 into an encapsulated image data element 30.

In this embodiment, in place of the (unencoded/unencapsulated image component 17) an encapsulated image data element 30 is transmitted to user device 24.

The user can only manipulate image 17 stored within encapsulated image data element 30 after having first loaded shell program 27 from CD 28.

The shell program 27 sets up an environment within which the manipulation program 25 can operate on encapsulated image data element 30 and so as to gain full access to image component 17 contained therein.

On termination of permitted use the shell program 27 causes at least image component 17 to become disabled in the form of disabled image/data element 29.

The steps in the operation of the second embodiment are summarised in Fig. 5 and are as follows:

Step 2A
- Photograph 17 Supply Account opened
- Photograph is catalogued, barcoded and scanned
- Customer Account opened.
Step 2B
- Customer searches archive or database 10 by one or more of subject, keyword, description and intended usage profile.

- Search results can exclude industry, censorship, and photographer, and territory restrictions.

Step 2C
- Customer requests quote which is built by a group of parameters

  - Media (printrun, size, position)
  - Territory
  - Period of Use
  - Industry of Use

- Customer may request competitive restriction control by industry, territory and time.

- Analogue or digital photographs are delivered.

Step 2D
- Customer uses photo or image portion 17 as per license parameter details and returns original analogue versions.

- Invoice is processed as per license.

- Receipt is collected (unless credits occur).
Step 2D1

- Once the photo 17 is ready for delivery in digital form the licence parameters in the form of transaction specific data 19 are embedded into the photo in a secure format.

- Once the license is issued the image 17 can be taken out of the secure format until the license expiry. At the expiry date an inbuilt expiry routine destroys the image or otherwise renders it unusable.

Step 2E

- Following receipting the various stakeholders or interested parties including
  - Agents/Distributors
  - Affiliates
  - Photographers
  - Models
  - Withholding Tax/GST

are paid in a parallel pay process 23.

In this example software operated under the control of microprocessor 12 fully automates process steps A-D. The software further enables that in Step E, all interested parties have their entitlement calculated in parallel and are paid substantially instantaneously or in parallel. That is
to say stakeholders are each paid substantially at the same time.

This is a paradigm shift to current industry practice. The identifiable individual customer transaction is directly related back to each and every one of the interested parties (royalty recipients) at the same time rather than sales being accumulated in bulk. The process is then directly and instantaneously connected to interested parties for payment in parallel.

The content micro licensing and parallel royalty payment system of this embodiment can be applied to all forms of digital content (e.g. music, text, video, illustrations, artwork, photographs and software) transacted via the Internet whether cable, fibre or wireless.

3. **Encapsulation System**

With particular reference to Fig. 6 an encapsulation system 31 is illustrated in block diagram form which further summarises the manner of operation of encapsulation device 26 (described with reference to the second preferred embodiment) and its manner of interaction with shell or shell program 27 (also described with reference to the second preferred embodiment).
3.1 Encapsulation System Key Objectives

The core objectives of the encapsulation system are as follows:

1. Provide a secure encapsulation of a digital image 17 (payload) or image in combination with other data such as fourth data element 16.

2. Enable the encapsulation of the image 17 to be configured based on dates and time frames so as to restrict the access to the image beyond a certain period (time bomb) which is related to the license terms forming part of the associated transaction-specific data.

3. Enable the encapsulation process to contain details regarding the information such as Copyright, Image Information etc.

4. Enable the application of choice to edit the image 17 without actually being able to remove the image from the encapsulation domain.

5. Enable the image 17 to be accessed on a file system by other applications for the purpose of printing/viewing the image while ever the license is valid.
6. Automatic corruption of at least the file containing the high resolution image 17 when accessed after the agreed time frame.

3.2 Overview of Architecture

The encapsulation device 26 receives image file 17, primary data 18 and transaction-specific data 19 and combines it into a separate file using coding techniques thereby to form encapsulated image data element 30. The data element 30 can be unencoded only by user programs operating within the environment of shell 27 as generally illustrated in Fig. 6.

The shell program 27 additionally includes the capability to interpret transaction-specific data so as to regulate the term of use of at least the image component 17 of encapsulated image data element 30 and otherwise generally in accordance with licensed or permitted use agreements entered into by the user with the operator of database 11.

3.3 Components in Proposed Concept

3.3.1 The Encapsulation Device

The encapsulation device 26 offers the following features:

1. The ability to embed an existing image file 17, 16 structure;
2. The ability to hold expiry related parameters;
3. The ability to hold specific licensing constraints.
4. The ability to hold specific payload information;
5. The ability to hold specific financial transaction information relevant to the image.

3.3.2 The Shell Application

The shell or Shell Application 27 offers the following features:
1. The ability to open the data file 17, 16 regardless of embedded payload.
2. The ability to display licence parameters and associated calculations.
3. The ability to display specific licensing constraints.
4. The ability to display specific payload information.
5. The ability to edit the payload by the appropriate application without allowing the file to be saved external to the shell domain.
6. Once the application has started and the appropriate data file has been unlocked the application will create an associated "Ghost File" that allows other applications to see and access for the purpose of printing and viewing (but not editing).

3.3.3 Ghost File

The GhostFile is a shortcut, alias or link to the resident image, that allows for applications such as Quark, Pagemaker etc. to link the image to the assembled page. Similarly in a preferred form a GhostFile will be compatible with the current versions of OPI solutions that are available on the Windows NT platform.

3.3.4 The ImageSafe Generator Application

The Data File Generator generates a data file. In a preferred form the generator will be a wizard and/or offer an API interface to allow batch generation of many data files.

3.4 Image Editing

Fundamental to the successful creation of the mechanism is the ability to allow the editing of an image without being able to remove the image from the shell application. While it is important to enforce the
parameters of the shell application it must also be stated that it is equally important to allow the image to be edited by the application of choice. If the security is too tight and not flexible enough for the target client base the technology will not be adopted and as a result the product may affect market penetration. Applications such as Photoshop or any application that can manipulate the fundamental image formats should still be able to access the image contained within the shell application.

3.5 *Key System/Platform Constraints*

In this embodiment for the shell to be implemented properly it must conform to the following constraints:

1. Both the Data File Application and Generator will be able to run on Windows 95, Windows NT, Mac OS 7.1 and above.

2. Will be able to store the data file on a Windows NT server

3. Will be able to work with current OPI (Open Pre-Press Interface) solutions that run on Windows NT (Alpha and Intel).

4. **Dynamic Tagging of Data**

With reference to Fig. 7 the searchable database 11 previously described with reference to Fig. 1 is modified to
form searchable database 111. Like components are otherwise numbered as for the database described with reference to Fig. 1.

In this instance searchable database 111 incorporates dynamic tagging device 112.

The dynamic tagging device 112 receives, logs and takes account of the source of incoming enquiries for the purpose of and so as to modify the identity of the stakeholders for any given transaction subsequently arising from the enquiry and/or to modify the quantum of payment due to the stakeholders again, as a consequence of the identity or, in some cases, the route, by which the enquiry has arrived.

With reference to Fig. 8A a particular transaction in which the dynamic tagging device 112 is invoked can involve an enquiry via the Internet 113 and arrives as a result of an initial enquiry on an affiliate site 114, which site 114 as a result of prior agreement with the owner or operator of searchable database 111, causes the enquiry to be routed to an Internet enquiry screen 115 directly connected to and otherwise operated by the owner/operator of searchable database 111.

In this instance, because the enquiry has resulted from an enquiry initially on the affiliate site 114 the dynamic tagging device 112 will now include the sponsors of the
affiliate site 114 as a stakeholder for the purpose of calculation of remuneration due to stakeholders as a result of any licensing transaction subsequently entered into based on that enquiry. The inclusion of the affiliate site 114 as a stakeholder can have an effect on the quantum of payment to others of the stakeholders and, if so, this will be taken into account by the dynamic tagging device 112.

Fig. 9 illustrates a source record screen 116 for searchable database 111 which includes an "agent territory" record 117, a "branch territory" record 118 and an "uncontrolled credit card" record 119, entries into which depend upon the route by which a transaction has arrived at searchable database 111 and to the mode of payment for a transaction elected, entries into which can affect the identity of stakeholders and the quantum payable to stakeholders.

5. **Dynamic Filtering of Data**

With reference to Fig. 8B the searchable database 111 includes an available image list 120 comprised, in this instance, of images numbers 1, 2, 3, 4. Each image includes, in this instance, an "excluded territories" field 121 wherein territories for exclusion are identified by capital letter. So, for example, image 1 has an excluded territories field 121 comprising territories A, B, E. The dynamic filter 122
is arranged so as to permit the available image list 120 to be filtered according to a specified criteria. In this instance the filter criterion is according to excluded territories wherein, for example, if an enquiry is identified as originating from territory A then filter 122 will exclude those images which identify territory A as excluded from displayed image list 123.

Thus, in this instance, only image 3 and image 4 are permitted by filter 122 to form displayed image list 123.

It is to be understood that this function is dynamic in that if, for example, territory A is removed from the excluded territories field 121 of image 1 then image 1 will automatically become available immediately for display on displayed image list 123 following a fresh enquiry from a group A territory.

In this way images are made available from database 111 to an enquirer only if they would be available for use by the enquirer.

Example 1

With reference to Figs. 10 to 22 an exemplary transaction will now be described with particular reference to screens and other communication media by which an exemplary transaction 210 can be transacted.
Fig. 10 illustrates a content/photographer source screen 211.

Fig. 11 illustrates a cataloguing of content screen 212.

Fig. 12 illustrates a photographic source screen 213 which provides details of the source of a given work for placement on the database.

The source screen 213 additionally includes restrictions on the use of the photographic work, in this case relating to censorship rating and model release. These restrictions are monitored dynamically by the restriction builder (338 in Fig. 23) for incorporation into the dynamic tagging device and dynamic display filter.

Fig. 13 illustrates a further example of a photographic source screen 213 and including a restriction listing 214 providing an example of data which can be associated with a work, either as associated primary data or as associated transaction specific data.

Fig. 14 illustrates a customer screen 215 setting out the nature of data typically held in respect of any given customer or prospective customer.

Fig. 15 illustrates an example of an "opening order screen" 216 illustrating the nature of data taken in respect of a client for storage on the database related to an order.
Fig. 16 illustrates typical database content comprising a selection of images 217 submitted to a user, each comprising a microlicensable work.

Fig. 17 illustrates an example of a media price builder 218 relating to a newspaper, data from which feeds into the pay map 124 (refer Fig. 9).

Fig. 18 is a further example of a media price builder 218, in this instance related to a brochure. Again, data devised from this screen is utilised to formulate pay map 124 as part of determining the licence terms for this transaction.

Fig. 19 is a print out of a licensed works listing 219. Each of the entries numbers 1 to 31 comprises details of a specific licensed or licensable work and providing examples of transaction specific data in respect of each licensed work, in this instance comprising media, usage parameters and price.

Fig. 20 illustrates a restriction and usage parameters screen 220, in this instance listing restrictions in relation to geographic location (by country) and restrictions in relation to nature of applicable industry.

Fig. 21 illustrates an example of an invoice 221 (which can subsequently be conveyed via paper media or via electronic media) to a client. Payment of the invoice is a
condition for subsequent trigger of the pay trigger 22 and
the parallel pay process 23 previously described.

Fig. 22 is a continuation of the invoice 221 of Fig. 21.

6. **Third Preferred Embodiment**

With reference to Figs. 23 to 26 inclusive a further
embodiment of the invention with particular application to a
wide area network or internet implementation will be
described.

In this third embodiment the microlicensing system 310
includes components numbered as for the previous embodiments,
but numbered in the 300 series. So, for example, the
searchable database 11 of the first embodiment becomes
searchable database 311 of the third embodiment.

Initially, with reference to Fig. 23, the microlicensing
system 310 when accessed via a personal computer or other
visual interface will present a welcome screen 331 which will
provide to the prospective user 332 an introduction to the
microlicensing system site and ensure that necessary
precursor information 333 is communicated to user 332 prior
to gaining access to or otherwise making commercial use of
the microlicensing system 310. Such precursor information
can include copyright information, copyright warnings and
contractual matters by which the legal relationship between
the (prospective) user 332 and the owner/operator of the microlicensing system 310 is defined and agreed.

Having negotiated the welcome screen 331 and prior to gaining access to the microlicensing database screens 334 some initial user data is processed through a pre-filter screen 335. The data obtained via the pre-filter screen 335 includes data relevant to dynamic filter 336 (corresponds with dynamic filter 122 of the earlier described modifications to the first and second embodiments). It can also include information relevant to the dynamic tagging device 337 (designated 112 in the description relevant to the earlier embodiments).

By way of example pre-filter screen 335 and the computer on which it runs can determine either indirectly, in some instances, or otherwise by direct enquiry of user 332 the geographic location of the user and the route by which the user 332 was directed to welcome screen 331. At its simplest level this information can be used by dynamic tagging device 337 to determine whether additional parties should be included in the list of stakeholders (should a transaction with user 332 subsequently ensue) and can also be utilised by dynamic display filter 336 to screen out from viewing by user 332 data elements which, with reference to the associated prior data component of those data elements, it has been
determined are not to be made available to the geographic location of user 332.

Having negotiated the pre-filter screen 335 the user 332 is then permitted access to the database screens 334 at which point the user 332 can browse at least the licensable components of the data elements 316 according to keyword, subject matter category or otherwise.

In this embodiment the information derived through the pre-filter screen 335 is passed through the restriction builder 338. The restriction builder 338 maintains a database of criteria by which the use of the licensable components have been limited including, for example, by geographic area, by industry of application, by period of time.

Utilisation of the pre-filter screen 335 in conjunction with the dynamic display filter 336 and dynamic tagging device 337 ensures that a user 332 is provided for review only with those licensable components which are available to that user for licensing.

With reference to Fig. 24 some of the main components of system 310 and searchable database 311 are illustrated in diagrammatic form.

A functioning database will comprise of a significant plurality of data elements 316. Each data element 316 will
include a licensable component comprising, in this instance, a unique image 317.

Forming part of the record for each data element 316 will be an associated primary data component 318 which comprises data relevant and pertinent to the unique image 317 of that particular data element. Typically data which falls into this category will include search keywords and subject matter categorisation specifically and directly relevant to the specific licensable component, in this instance an image 317. The data will also include the author of the image, the model who was the subject of the image (where relevant) and perhaps the agent responsible for organising the creation of the work.

Such data will also include usage exclusions arising from the author, model or agent.

The data will also include other relevant stake holder information which is directly relevant to that particular image and is unlikely to change whilst the image resides on the database 311.

Also and separately included in the data record for each data element 316 is an associated transaction specific data component 319. Each associated transaction-specific data component will be unique to each data element 316 and also unique to each specific commercial transaction which the
licensable component of the data element 316 is the subject of. Hence, in typical use, there will be associated with data element 316 a plurality of associated transaction-specific data components 319 comprising components 319(1), 319(2), ... 319(i), 319(i+1) ... 319 (i+n).

Included in each of these records will be data which is specific and unique to each commercial transaction of which the image comprising the licensable component is made the subject. Examples of such transaction-specific data can include additional stakeholders which have become stakeholders only as a result of the nature of the route by which the transaction has been entered. Elsewhere in this specification such stakeholders are referred to as "variable stakeholders". A variable stakeholder can arise where, for example, a transaction is entered into via a third party route 339 (refer to Fig. 23) and the party associated with that third party route requires payment for its inclusion in the route by which the user 332 became a party to a transaction regarding the specific licensable component.

Transaction-specific data will also include financial data relevant to the commercial details unique to that transaction.

Important functional modules of microlicensing system 310 which work with and upon the data elements 316 include
restriction builder 338, internet interface pre-filter screen 335, dynamic tagging device 337, dynamic display filter 336, dynamic pay map 340 and pay trigger 322, all of which are illustrated in block form in Fig. 24.

All of these modules interact with data elements 316 and also with dynamic pay map 340 and pay trigger 322 as will now be described.

With reference to Fig. 25 dynamic pay map 340, in a two dimensional representation, and which corresponds to a specific transaction, in this instance provides stakeholder pay values 341 which are a function of at least two variables. In this instance the at least two variables comprise a first variable comprising stakeholder identity 342 and a second variable comprising transaction route 343.

The multi-dimensional nature of the function by which the dynamic pay map 340 is further illustrated with reference to Fig. 26. It is seen more clearly from the three dimensional graph where the X axis identifies the transaction routes by which a particular license is arrived at; the Y axis provides the identity of all possible stakeholders; the Z axis denotes the various pay maps according to specific stakeholder grouping and where the various stakeholder groupings comprise defined selections from the group of all possible stakeholders as enumerated against the Y axis. The
end result is that, in this example, there are, in effect, a plurality of pay maps, each defining a different pay regime selected, in this instance, from regime 1, regime 2 or regime 3 through to regime N, the regime selected being a function of transaction route and stakeholder grouping.

Once a specific regime is determined by reference to this function the selected pay map is made available to pay trigger 322 as the pay regime to be used to calculate the pay amounts for each and every stakeholder of the selected grouping 344.

This arrangement allows each and every one of the stakeholders to have their entitlement arising from the specific transaction and according to the pay map, to be calculated at the same time.

It may be, in this embodiment, that having calculated the amounts due to each and every stakeholder that physical payment may itself be delayed for reasons such as, for example, the desire of a given stakeholder to receive all payments lumped together over a predetermined time span which may well cover a plurality of transactions in which that stakeholder is entitled to payment. Nonetheless, the calculation as to entitlement for that specific stakeholder will be done at the same time as the calculation for all other stakeholders for any given transaction.
The above described embodiments have been exemplified by reference to data elements in the form of digital images.

Other data elements of a wide variety can be made the subject of the microlicensing system 10.

In particular the system can be applied to the regulation of other copyright works such as moving images (films) with or without accompanying audio and the like, particularly when reduced to a digital form.

7. **Fourth Preferred Embodiment**

With reference to Figs. 27 onwards there is described a fourth preferred embodiment of the present invention which, in use, and from the point of view of a user operating either a local intranet terminal or a remote internet connected terminal interacts with screen presentations in the following manner:

A prospective licensor is first presented with screen 401 which permits the licensor to search on predetermined parameters for licensable material. In this instance the search is for licensable material categorized by the search term "people". In this instance the screen 401 is available on a corporate intranet and, as such, permits access to all licensable materials.
In this instance, as shown in Fig. 28 the intranet search result screen 402 brings up four possible licensable images 403, 404, 405, 406.

As shown in Fig. 29 the user may select one of the images 403, 404, 405, 406 and view catalogue details of that image and related or "similar" images as represented in screen representation 407.

Fig. 30 illustrates an initial search screen 408 which is available to users operating a terminal connected, for example, via the internet to a bureau service offering licensable materials. In this instance the screen 408 represents a filter screen which allows the user to designate some basic expected conditions under which the user would utilize licensable materials. By making the appropriate designations the search will be restricted only to licensable materials which would be available to be licensed to the user under the conditions the user has nominated in the search screen 408.

Screen 409 in Fig. 31 illustrates a typical search result screen 409 showing four available images 410, 411, 412, 413. These images are available for licensing in that their use would not be precluded in accordance with the conditions selected by the prospective user on screen 408.
The user may then "click through" to a series of order records for any one of the available images 410, 411, 412, 413. Typical order records are shown as screen images 414 in Fig. 32 and 415 in Fig. 33.

Having settled on an image which the user desires to license the user must then communicate contract details including proposed media usage in screen 416 of Fig. 34, magnitude of media usage and period of usage entered as per screen 417 in Fig. 35 and geographical location of usage as entered via screen 418 in Fig. 36 and as summarized prior to ordering in screen 419 in Fig. 37.

Having selected and confirmed both the licensable material (image) which a user wishes to license and the terms upon which the media will be used the user may then pay for issue of the license as shown in screen 420 in Fig. 38.

A similar process can be undertaken via internet communication as illustrated in screens 421 of Fig. 39, 422 of Fig. 40 and 423 of Fig. 41.

The culmination of the order process whether completed by internet or intranet results in the display of the license terms and conditions via screen 424 in Fig. 42 and the presentation, by way of final confirmation of the transaction, of the entire terms of the license as shown in screen 425 of Fig. 43 to which the prospective licensee must
officially positively select either a "disagree" button 426 of an "agree" button 427.

If the user presses the "agree" button 427 then, as shown in screen 428 of Fig. 44 the licensed media, in this instance image 429 can be downloaded as a high resolution image by clicking on download button 430. At this point the account of the user is debited the agreed license fee and the image is made available electronically (or alternatively by manual methods at the option of the user) and the parallel calculate and parallel pay process is instigated.

At this point the user, having entered into the licensing contract now has available, as shown in Figs. 45, 46 and 47 full details of the license and high resolution image as summarized in record 431 whilst, at the same time, the bureau or other agency operating the microlicensing system and method according to preferred embodiments of the present invention has available a full summary of the transaction as illustrated by records 432, 433, 434, 435, 436, 437, 438 in Figs. 48 through to 54.

Importantly, as part of the record calculation, as illustrated in Fig. 55, the liabilities of the agent to all interested parties are calculated in parallel in accordance with parallel process 439 and are then posted to a payments
database 440 for payment, in preferred forms also in parallel.

It will be observed that the entire process starting with the screen images presented to a prospective licensee in Fig. 27 through to the parallel payment calculation and actual payment process of Fig. 55 can be accomplished electronically and substantially in real time.

In preferred forms the system can be programmed in high level programming languages such as C++ and implemented to run on operating systems such as the "Windows" operating system and interfaces marketed by Microsoft Corporation with the assistance of the program building packages such corporations provide.

8. **Fifth Preferred Embodiment**

With reference to Fig. 56 there is illustrated a distributed real time restriction control system 550 which, in this embodiment, utilizes only the restriction control portions of the system described with reference to previous embodiments.

In this embodiment at least a first bureau or licensing entity 551 is able to communicate with an at least second bureau or licensing entity 552 for the case where the entities have available the same images 553 or other
licensable data. Both entities 551, 552 communicate at least the restrictions placed on any license they issue in respect of image 553 to the other entity as soon as any one entity executes a license in respect of image 553. The restriction data is available on the database of each entity 551, 552 immediately and as if that entity had executed the license thereby to ensure that any enquiries from prospective licensees for image 553 will be aware of restrictions in place on the image 553.

In this preferred form submodules of the restriction software of previous embodiments are incorporated in the database software of each entity 551, 552.

The above describes only some embodiments of the present invention and modifications, obvious to those skilled in the art, can be made thereto without departing from the scope and spirit of the present invention.

INDUSTRIAL APPLICABILITY

Embodiments of the above referenced microlicensing system and method can be implemented either in special purpose hardware communicating via telecommunications networks or, alternatively, can be implemented by the programming of server computer systems. In either case prospective licensees of licensable media including but not limited to digital still images, digital video images and combined digital video and audio data can be made available directly over electronic media such as corporate intranets or the worldwide interconnection of computers and servers currently known as the Internet.
CLAIMS

1. A microlicensing system comprising:
   (a) a searchable database of licensable data elements;
   (b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user;
   (c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction;
   (d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.

2. The system of Claim 1 wherein said data element includes a licensable component comprising an image component.

3. The system of Claim 1 wherein said data element includes associated primary data.

4. The system of Claim 1 wherein said data element includes associated transaction-specific data.

5. The system of Claim 3 wherein said primary data includes author identity, model identity and agent identity information.
6. The system of Claim 4 wherein said associated transaction-specific data includes license terms, license constraints and financial data.

7. The system of any previous claim further including a pay trigger.

8. The system of Claim 7 wherein said pay trigger causes calculation of payments at substantially the same time for all stakeholders identified by said system as party to said identifiable transaction.

9. The system of any one of Claims 1 to 8 wherein said searchable database incorporates a microprocessor and memory.

10. The system of any previous claim further including an encapsulation device for encoding of at least portions of said desired one of said data elements.

11. The system of any previous claim further including decoding software.

12. The system of Claim 11 wherein said decoding software is implemented as a shell program.

13. The system of any one of Claims 1 to 12 wherein said search and select means incorporates a dynamic tagging means.

14. The system of Claim 13 wherein said dynamic tagging means comprises a dynamic tagging device.
15. The system of Claim 14 wherein said dynamic tagging
device logs customer data including customer route data.

16. The system of Claim 15 wherein payment to stakeholders
and the identity of stakeholders is a function of said
payment route data.

17. The system of any one of Claims 1 to 12 wherein said
search and select means incorporates dynamic filter
means.

18. The system of Claim 17 wherein said dynamic filter means
permits browsing of at least the licensable portions of
said data elements according to predetermined filter
criteria.

19. The system of Claim 18 wherein said predetermined filter
criteria include one or more of geographic origin of
prospective user, area of commercial endeavour in which
said prospective user operates.

20. The system of any one of Claims 1 to 19 incorporating a
dynamic pay map means by which payments to all of the
individual ones of said stakeholders are determined.

21. The system of Claim 20 wherein said dynamic pay map
means determines payments as a function of at least a
first variable and a second variable.
22. The system of Claim 21 wherein said first variable comprises transaction route and said second variable comprises stakeholder identity.

23. The system of Claim 22 wherein said second variable is comprised of a constant grouping and a variable grouping.

24. The system of Claim 23 wherein said constant grouping comprises a constant stakeholder grouping.

25. The system of Claim 23 or 24 wherein said variable grouping comprises a variable stakeholder grouping.

26. The system of any one of Claims 20 to 25 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

27. The system of Claim 26 wherein said variables are dynamically allocated by one or more of said dynamic tagging device and said dynamic filter device.

28. A method of microlicensing works for the benefit of all of the individual ones of a plurality of stakeholders; said method comprising utilising a microlicensing system comprising:

(a) a searchable database of licensable data elements;

(b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user;
(c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction;
(d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.

29. The method of Claim 28 wherein said data element includes a licensable component comprising an image component.
30. The method of Claim 28 wherein said data element includes associated primary data.
31. The method of Claim 28 wherein said data element includes associated transaction-specific data.
32. The method of Claim 31 wherein said primary data includes author identity, model identity and agent identity information.
33. The method of Claim 32 wherein said associated transaction-specific data includes license terms, license constraints and financial data.
34. The method of any one of claims 28 to 33 further including a pay trigger.
35. The method of Claim 34 wherein said pay trigger causes calculation of payments at substantially the same time
for all stakeholders identified by said system as party to said identifiable transaction.

36. The method of any one of Claims 28 to 35 wherein said searchable database incorporates a microprocessor and memory.

37. The method of any one of claims 28 to 36 further including an encapsulation device for encoding of at least portions of said desired one of said data elements.

38. The method of any one of claims 28 to 37 further including decoding software.

39. The method of Claim 38 wherein said decoding software is implemented as a shell program.

40. The method of any one of Claims 28 to 39 wherein said search and select means incorporates a dynamic tagging means.

41. The method of Claim 40 wherein said dynamic tagging means comprises a dynamic tagging device.

42. The method of Claim 41 wherein said dynamic tagging device logs customer data including customer route data.

43. The method of Claim 42 wherein payment to stakeholders and the identity of stakeholders is a function of said payment route data.
44. The method of any one of Claims 28 to 43 wherein said search and select means incorporates dynamic filter means.

45. The method of Claim 44 wherein said dynamic filter means permits browsing of at least the licensable portions of said data elements according to predetermined filter criteria.

46. The method of Claim 45 wherein said predetermined filter criteria include one or more of geographic origin of prospective user, area of commercial endeavour in which said prospective user operates.

47. The method of any one of Claims 28 to 46 incorporating a dynamic pay map means by which payments to all of the individual ones of said stakeholders are determined.

48. The method of Claim 47 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

49. The method of Claim 48 wherein said first variable comprises transaction route and said second variable comprises stakeholder identity.

50. The method of Claim 49 wherein said second variable is comprised of a constant grouping and a variable grouping.
51. The method of Claim 50 wherein said constant grouping comprises a constant stakeholder grouping.

52. The method of Claim 50 or 51 wherein said variable grouping comprises a variable stakeholder grouping.

53. The method of any one of Claims 48 to 52 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

54. The method of Claim 53 wherein said variables are dynamically allocated by one or more of said dynamic tagging device and said dynamic filter device.

55. A method of calculation of payments to stakeholders; said method comprising calculating according to a pay map the return due to all of the individual ones of said stakeholders at the one time.

56. Storage media containing software operable according to the system of any one of claims 1 to 27.

57. A distributed real-time restriction control system wherein at least a first licencing entity and a second licencing entity can licence substantially identical licencable elements into common territory; said system including communication means whereby in the event one of said entities licences one or more of said licencable elements, said communication means automatically
communicates to all others of said entities any restrictions incorporated in the licence conferred.
Example 3
Affiliate Site
Filter Info
Commission Break
Calculation
Filtered Content
Dynamically altered including by other people's transactions
By dynamic tagging of data
User Device
Permitted Use Condition
Expired Use Condition
Database
#1
#2
#3
#4
Primary Data
#4
Work Creators
Copyright Holder/Author
Model
Agent
Other Stakeholders
Transaction-Specific Data
Calendar
Industry partners
Territory
Email
Contract Terms
Substitute Sheet
(Rule 26) RO/AU
USER SELECTIONS DATA ELEMENT
\[\rightarrow\]
USER NEGOTIATES LICENCE TERMS
\[\rightarrow\]
[LICENSED] DATA ELEMENT IS RELEASED/CONVEYED TO USER
\[\rightarrow\]
PAY TRIGGER
\[\rightarrow\]
USER USES DATA ELEMENT ACCORDING TO LICENSED TERMS
\[\rightarrow\]
LICENCE EXPIRES
\[\rightarrow\]
DATA ELEMENT RETURNED

**Fig. 3**
USER SELECTS DATA ELEMENT

USER NEGOTIATES LICENCE TERMS

[LICENSED] DATA ELEMENT IS ENCAPSULATED

LICENSED + ENCAPSULATED DATA ELEMENT IS RELEASED/CONVEYED TO USER

PAY TRIGGER

USER LOADS SHELL SOFTWARE ONTO USER DEVICE

SHELL SOFTWARE ENABLES USAGE OF DATA ELEMENT ACCORDING TO LICENCE TERMS

USER USES DATA ELEMENT ACCORDING TO LICENSED TERMS

SHELL SOFTWARE DISABLES USAGE OF DATA ELEMENT AT EXPIRY OF LICENCE

DATA ELEMENT RETURNED [OPTIONAL]

Fig. 5
<table>
<thead>
<tr>
<th>Source Code (*)</th>
<th>Source Name (*)</th>
<th>Street (*)</th>
<th>City/Suburb (*)</th>
<th>State (*)</th>
<th>Country (*)</th>
<th>Post/Zip (*)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Financial</th>
<th>Contract</th>
<th>Restrictions</th>
<th>Photographers</th>
<th>Contact</th>
<th>Delivery</th>
<th>Catalogues</th>
<th>Notes</th>
</tr>
</thead>
</table>

- Company Number: Export (Individual)
- Type: Active
- Date Created: 17-Apr-91

- Phone: Facsimile
- E-mail: Web Site

- geography of purchase
- geography of use
- industry of application
- media
- time period

Content/Photographer Source Screen

Fig. 10
<table>
<thead>
<tr>
<th>Photo Ref. Number</th>
<th>Branch</th>
<th>Photographic Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPL 00000231</td>
<td>Sydney</td>
<td>SCIENCE PHOTO LIBRARY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Similar</th>
<th>General</th>
<th>Availability</th>
<th>Reservations</th>
<th>No</th>
</tr>
</thead>
</table>

**Restriction Type** | **Industry** | **Media** | **Region** | **Region Inv.** | **From** | **To** |
|---------------------|--------------|-----------|------------|----------------|---------|-------|

**New Restriction**

Create New Series

Fig. 13
<table>
<thead>
<tr>
<th>Row</th>
<th>Code</th>
<th>Description</th>
<th>Main Subject File Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AGE-00002053-001</td>
<td>Woman sat on bed holding pills &amp; water, cat lying on</td>
<td>PEOPLE: GENERAL</td>
</tr>
<tr>
<td>2</td>
<td>BRI-00000052-001</td>
<td>When the Cat's Away the Mice Will Play by Phillip E</td>
<td>ARTWORK: ANIMALS</td>
</tr>
<tr>
<td>3</td>
<td>RS-00021721-001</td>
<td>Huon Valley landscape, Tasmania</td>
<td>TASMANIA: RIVERS, LAKES &amp; DAM</td>
</tr>
<tr>
<td>4</td>
<td>TSI-0013860-001-001</td>
<td>Young woman swimming underwater, catamaran in b/g</td>
<td>WOMAN: TROPICAL</td>
</tr>
</tbody>
</table>
Media Code Selector

Media Price Builder

Step 1. Select Media Code

Step 2. Will image be credited?

Step 3. Please select an image size & position

Step 4. Please select circulation

Step 5. Reuse discount

Step 6. Select Media Start/End Dates

Step 7. Media Markup(+) / Markdown(-) Adjustment

Step 8. Number of images

Step 9. Please enter media notes (image codes etc.)

Step 10. Apply Restrictions

Editorial/Publishing; Print; Newspaper;

- Image credited
- Image not credited

Full page inside

Up to 20 000

No discount

Start [ ] End [ ]

0 [%]

1

- Standard Restrictions
- Country Restrictions
- Industry Restrictions
- Worldwide Rights
- None

Price

Example of Media Build e.g. Newspapers

Fig. 17
Media Code Selector

Media Price Builder

Step 1. Select Media Code

Step 2. Please select the print run

Step 3. Please select an image size & position

Step 4. How many times does the image appear?

Step 5. Reuse discount

Step 6. Select Media Start/End Dates

Step 7. Media Markup(+) / Markdown(-) Adjustment

Step 8. Please enter media notes (image codes etc.)

Step 9. Apply Restrictions

Marketing/Advertising; Advertising; Print/Outdoor; Brochure; A5 or DL Brochure;

10001-20000 ▼

1/8 page inside ▼

1 use & 2.3 repeats ▼

No discount ▼

Start _______ End 12/12/2000

.10 ▼ %

Cancel Save Delete

Fig. 18
<table>
<thead>
<tr>
<th>Usage Builder</th>
<th>Media</th>
<th>Directory</th>
<th>A4 brochure</th>
<th>ATM screen</th>
<th>Desk diary</th>
<th>A4 brochure</th>
<th>Business stationary</th>
<th>Magazine</th>
<th>Internet/WWW site</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Directory</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. A4 brochure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. ATM screen</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. A4 brochure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Desk diary</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. A4 brochure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Educational CD-ROM</td>
<td>1 image</td>
<td>20k: No reuse disc</td>
<td>100k: No reuse disc</td>
<td>10k: Not credited; FP: ins: 20k; No reuse disc</td>
<td>1/4 screen: 21-50 items: No reuse disc</td>
<td>1 image: FP: flt cov: 1 use: No reuse disc</td>
<td>Half image sm env: 5k: No reuse disc</td>
<td>Not created: 1+1/2pg ins: 50k: No reuse disc</td>
<td>1 image: Home page: 1/4 screen: Consumer: 1yr: No reuse disc</td>
</tr>
</tbody>
</table>

A Summary of Licenses on One Project

Related Notes: % Adj Price

-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
-10 18,000.00 (per image)
### Client Management

<table>
<thead>
<tr>
<th>Customer Code</th>
<th>Customer Name</th>
<th>Submission</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACP 1304</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

#### Credit Conditions
PROBLEM CLIENT NOTES

#### Customer Type
Domestic

<table>
<thead>
<tr>
<th>City/Suburb</th>
<th>State Province</th>
<th>Country</th>
<th>Post/Zip</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sydney</td>
<td>NSW</td>
<td>Australia</td>
<td>2000</td>
</tr>
</tbody>
</table>

#### Customer Phone Number

<table>
<thead>
<tr>
<th>Customer Fax Number</th>
<th>Trading Status</th>
<th>Financial Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Active</td>
<td>30 Days</td>
</tr>
</tbody>
</table>

#### Details | Book | Contacts

<table>
<thead>
<tr>
<th>Usage</th>
<th>Rights</th>
<th>Fees</th>
<th>Notes</th>
<th>Authorize</th>
<th>Despatch</th>
<th>Confirm</th>
</tr>
</thead>
</table>

#### Selected Countries of Use

- Afghanistan
- Australia
- United States–Eastern
- Electric Power Generation, Transmission and Distribution: Newspaper, Magazine Book, and Database Publishers

#### Add Industries

Licence terms screen

Screens to select - Country, - Industry

---

Fig. 20
REPRODUCTION RIGHTS ARE ONLY ASSIGNED ON PAYMENT OF THIS INVOICE

TERMS NETT: 30 DAYS

AMOUNT DUE THIS INVOICE: $347.60

Please detach and return with payment

---

REMITTANCE AND ADVICE NOTICE

photolibrary.com—North Sydney
Level 11, 54 Miller St.
North Sydney NSW 2050
Australia

To:

From: GREEN DOT DESIGN

Invoice Number: 55821

Due Date: 16-Apr-2000

AMOUNT DUE THIS INVOICE: $347.60

Fig. 22
SHARE DISTRIBUTION MAP – IMPLEMENTED AS LOOK-UP TABLE

DYNAMIC TAGGING

CONSTANT STAKEHOLDER 1
CONSTANT STAKEHOLDER 2
CONSTANT STAKEHOLDER N

VARIABLE/POTENTIAL STAKEHOLDER 1
VARIABLE/POTENTIAL STAKEHOLDER N

TOTAL DISTRIBUTION = 100%

TRANSACTION ROUTE 1 | TRANSACTION ROUTE 2 | TRANSACTION ROUTE n
---------------------|---------------------|---------------------
X                    | X                    | X                    
X                    | X                    | X                    
X                    | X                    | X                    

341

% SHARE = f_n(ROUTE)

(.IDENTITY)

+% SHARE f_n(route) but at least on=0 for any given transaction

PAY TRIGGER

344

322

Fig. 25
Image Search Facility

Image Search Parameters

--- Filter Options ---
PRN from: [ ] to: [ ] (Photo Source Code - Series Number e.g. HUL-1)

--- Listing Parameters ---
Sort By
- PRN Range
- PRN Range
- PRN Range
Date Range
From: [ ] To: [ ]

View
- PRN Range
- PRN Range

Top [ ] records with [ ] results per page

- Catalogue shots only
- withdrawn shots
- Image in archive

Select up to 5 Subject File Codes to narrow your search

Search Now

Fig. 27
<table>
<thead>
<tr>
<th>Similar #</th>
<th>Id</th>
<th>Status</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>70204</td>
<td>Active</td>
<td>Woman in water by pool edge</td>
<td>PEO-0850</td>
</tr>
<tr>
<td>002</td>
<td>70206</td>
<td>Active</td>
<td>Woman in water by pool edge</td>
<td>PEO-0850</td>
</tr>
<tr>
<td>003</td>
<td>70205</td>
<td>Active</td>
<td>Woman in water by pool edge</td>
<td>PEO-0850</td>
</tr>
</tbody>
</table>

Catalogue Record - Similar Represent Individual Images

Fig. 29
Your Location * Outside Australia

Keywords *

Subject(s)—to select more than one subject, hold down the Ctrl key and click on the (appropriate subject) 5 subjects max.

3

Country of use—To select more than one country, hold down the Ctrl key and click on the appropriate countries

4

Industry of use—There are two levels for each industry. Make sure you select from both the first and second levels.

5

Results format

6

Results format

Display text & images

Display text only

<< back to quick search clear search

Internet Search—note country/industry filters

Fig. 30
<table>
<thead>
<tr>
<th>Details</th>
<th>Book</th>
<th>Contacts</th>
<th>Images</th>
<th>Usage</th>
<th>Rights</th>
<th>Fees</th>
<th>Notes</th>
<th>Authorize</th>
<th>Despatch</th>
<th>Confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Row PRN-Sim-Copy</td>
<td>Description</td>
<td>Main Subject File Code</td>
<td>Status</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Authorization not required – managerial or Approval Status Found.
This is not an invoice.

Totals: 3,620.50 362.05 3,982.55

Fig. 32

Order record with images shown attached.
<table>
<thead>
<tr>
<th>Details</th>
<th>Book</th>
<th>Contacts</th>
<th>Images</th>
<th>Usage</th>
<th>Rights</th>
<th>Fees</th>
<th>Notes</th>
<th>Authorize</th>
<th>Despatch</th>
<th>Confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Media</td>
<td>Usage Parameters</td>
<td>Related Notes</td>
<td>% Adj</td>
<td>GST Exc.</td>
<td>GST</td>
<td>GST Inc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. A4 brochure</td>
<td>100k: FP ins: 1 use: No reuse disc</td>
<td></td>
<td>0</td>
<td>1,120.00</td>
<td>112.00</td>
<td>1,232.00 (per image)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Internet/WWW site</td>
<td>1. image: within site: 1/2 screen: Consumer: 6 mth: No reuse disc</td>
<td></td>
<td>0</td>
<td>187.50</td>
<td>18.75</td>
<td>206.25 (per image)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. A4 brochure</td>
<td>50k: FP ins: 1 use: No reuse disc</td>
<td></td>
<td>0</td>
<td>896.00</td>
<td>89.60</td>
<td>985.60 (per image)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. A4 brochure</td>
<td>30k: FP ins: 1 use: No reuse disc</td>
<td></td>
<td>0</td>
<td>784.00</td>
<td>78.40</td>
<td>862.40 (per image)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Add New Media

Authorization not required – managerial or Approval Status Found
This is not an invoice.

GST Exc. | Gst | GST Inc.
---|----|----
3,620.50 | 362.05 | 3,982.55

Totals: 3,620.50 362.05 3,982.55

Order record with usages (licence parameters) shown attached

Fig. 33
Fig. 34

Order record showing addition of new media/usage
<table>
<thead>
<tr>
<th>Details</th>
<th>Book</th>
<th>Contacts</th>
<th>Images</th>
<th>Usage</th>
<th>Rights</th>
<th>Fees</th>
<th>Notes</th>
<th>Authorize</th>
<th>Despatch</th>
<th>Confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parent Media Type</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child Media Type</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Please select number of sites/posters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Please select campaign length</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reuse discount</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select start date and end period</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industries of use</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Countries of use</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medis Markup(+) / Markdown(-) adjustment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Please enter media notes (image codes etc..)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Submission Edit-ID:** 1 - **Customer Name:**

<table>
<thead>
<tr>
<th>Customer Code</th>
<th>Customer Name</th>
<th>Quote No.</th>
<th>Submission No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACP 1304</td>
<td></td>
<td>N/A</td>
<td>1</td>
</tr>
</tbody>
</table>

**Customer Type:** PROBLEM CLIENT

**Domestic Notes:**

**Customer City/Suburb:** Sydney

**State:** NSW

**Country:** Australia

**Post/Zip:** 2000

**Phone:**

**Fax:**

**Advising (incl. press):**

- Child Media Type
  - 1-4 sites

**3 months**

**6 months**

**12 months**

**No discount**

**5**

**Apr**

**2001**

**3 Months**

**Insurance Carriers:** Accommodation, Hotels

**Australia:** United States

**0%**

**GST Rate Code:** C - Current Rate

**Add New Media**

**Authorization not required - managerial or Approval Status Found**

This is not an invoice.

**Retrieve Usage**

**Print**

**Save**

**Invoice**

**Delete**

**Order record showing media/usage parameters (dynamic pricing)**

**Fig. 35**

**Totals:** 3,620.50 362.05 3,982.55
Intranet Order showing rights selection (defines image availability)

Fig. 36
<table>
<thead>
<tr>
<th>Details</th>
<th>Book</th>
<th>Contacts</th>
<th>Images</th>
<th>Usage</th>
<th>Rights</th>
<th>Fees</th>
<th>Notes</th>
<th>Authorize</th>
<th>Despatch</th>
<th>Confirm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medio 5. Billboard 1-4 sites: 3mths: No reuse disc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Part of this Media** | **PRN—Similar** | **Description** | **Main Subject File Code**

- ACO—00000003—002 | Houses of parliament with Big Ben, bus & flower ga | ENG: LONDON: BIG BEN
- BBW—00000481—001 | Waratah (Telopea speciosissima) | TREES: SHRUBS: NATIVE: WARATAH
- JBI—0000130—001 | Boy riding a traffic patrol tricycle on a city st | CHILDREN PLAYING OUTDOORS
- KIB—0000025—001 | White cat in a basket with ribbons | CATS

Authorization not required – managerial or Approval Status Found
This is not an invoice.

Totals: 3,620.50 362.05 3,982.55

---

**Fig. 37**

Intranet Order — Displaying linking of images with usages (defines final licence parameters/pricing)
You are ready to purchase your images now. Make sure you have created a licence for the image (click on the order icon next to Image or added an existing price from a job bag or previous purchase).

Account purchases (via the "commit code") are only available to selected customers. Contact your account executive if you would like to enquire about this service.

Click on "checkout" below to go to the confirmation screen. Then you can confirm your purchase, agree to the licence terms and the purchase is complete. It's that simple! You will then be presented with the four options of file sizes to download.

Two laughing young women walking on beach, dressed only in white shirts.
<table>
<thead>
<tr>
<th>Steps</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Create a New Licence</td>
</tr>
<tr>
<td></td>
<td>Select media category where image will be used.*</td>
</tr>
<tr>
<td></td>
<td>Select specific media</td>
</tr>
<tr>
<td></td>
<td>Advertising (incl. press)</td>
</tr>
<tr>
<td></td>
<td>Airport poster</td>
</tr>
<tr>
<td></td>
<td>Billboard</td>
</tr>
<tr>
<td></td>
<td>Bus (back or side)</td>
</tr>
<tr>
<td></td>
<td>Bus (internal)</td>
</tr>
<tr>
<td></td>
<td>Cinema commercial</td>
</tr>
<tr>
<td></td>
<td>Directory</td>
</tr>
<tr>
<td></td>
<td>Internet/WWW site</td>
</tr>
<tr>
<td></td>
<td>Magazine</td>
</tr>
<tr>
<td></td>
<td>Metrolite</td>
</tr>
<tr>
<td></td>
<td>Newspaper</td>
</tr>
<tr>
<td>2</td>
<td>Select a licence from a Job Bag</td>
</tr>
<tr>
<td></td>
<td>bens test ecommerce</td>
</tr>
<tr>
<td>3</td>
<td>Select a licence from a previous order</td>
</tr>
<tr>
<td></td>
<td>Order ID: 8 Date 16-MAR-01 Invoice Total: 45</td>
</tr>
</tbody>
</table>

Internet media/usage builder (dynamic pricing)

Fig. 39
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Select media category where the image will be use.*</td>
</tr>
<tr>
<td></td>
<td>Advertising (incl. press)</td>
</tr>
<tr>
<td>2</td>
<td>Select specific media.*</td>
</tr>
<tr>
<td></td>
<td>Billboard</td>
</tr>
<tr>
<td>3</td>
<td>Please select number of sites/posters</td>
</tr>
<tr>
<td></td>
<td>1–4 sites ▼</td>
</tr>
<tr>
<td>4</td>
<td>Please select campaign length</td>
</tr>
<tr>
<td></td>
<td>□ 3 months  ○ 6 months  ○ 12 months</td>
</tr>
<tr>
<td>5</td>
<td>Select start date and end period</td>
</tr>
<tr>
<td></td>
<td>5 ▼ Apr ▼ 2001 ▼ 3 months ▼</td>
</tr>
<tr>
<td>6</td>
<td>Select industries of use.*</td>
</tr>
<tr>
<td></td>
<td>Accommodation and Food Services ▼</td>
</tr>
<tr>
<td></td>
<td>Accommodation, Hotels</td>
</tr>
<tr>
<td></td>
<td>Food Services, Restaurants and Drinking Places</td>
</tr>
<tr>
<td>7</td>
<td>Select countries of use.*</td>
</tr>
<tr>
<td></td>
<td>Worldwide</td>
</tr>
<tr>
<td></td>
<td>Australia</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
<tr>
<td></td>
<td>Afghanistan</td>
</tr>
<tr>
<td></td>
<td>Albania</td>
</tr>
</tbody>
</table>

All prices are quoted in Australian dollars (AUD$) including GST where applicable

Fig. 40
You are ready to purchase your images now. Make sure you have created a licence for the image (click on the order icon next to image or added an existing price from a job bag or previous purchase).

Account purchases (via the "commit code") are only available to selected customers. Contact your account executive if you would like to enquire about this service.

Click on "checkout" below to go to the confirmation screen. Then you can confirm your purchase, agree to the licence terms and the purchase is complete. It's that simple! You will then be presented with the four options of file sizes to download.

**Image: PLA-0000115-011**

Two laughing young women walking on beach, dressed only in white shirts.

**Licence No. 207 Advertising (incl. press); Billboard**

05-Apr-2001 - 3 months
AUD $640.00

Internet order (not fullfilled) with licence attached

Fig. 41
<table>
<thead>
<tr>
<th>Customer Details</th>
<th>Credit Card Details</th>
<th>Item Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ben Spencer, Photolibrary.com</td>
<td>VISA</td>
<td>Two young women walking on beach, dressed only in white shirts, Advertising (incl. press), Billboard, 05-APR-01 - 3 months</td>
<td></td>
</tr>
<tr>
<td>Address: Level 5, 54 Miller street North Sydney, 2118, NSW, Spain</td>
<td>Card Name: test</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Card Number: 4242424242424</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Expiry Date: 02/04</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Email a copy of this invoice to: ben.spencer@photolibrary.com

Total: AUD $640.00

Substitute Sheet
(Rule 26) RO/AU
I have read and agree to accept the digital image licence terms and conditions below.

DIGITAL IMAGE LICENCE TERMS AND CONDITIONS

You are deemed to have accepted the following licence terms and conditions upon requesting to download the Digital Images.

1. Defined terms
2. Grant of Licence
3. Fees and charges
4. Additional Reproduction rights in Digital Images
5. General

1. Defined terms

In these terms and conditions:

(a) 'PL' means Oculogic Pty Limited trading as photolibrary.com (ACN 088...
In the box containing the image thumbnail, choose one of the four file size options to download by clicking on it. When the image has finished downloading right click on the image and select Save Target As...

OR

Right click on the link for the file size you wish to download and select Save Target as....

Your image will be available on the website for as long as the licence lasts.

Licence No. 809  General Advertising Billboard
05-Apr-2001 - 3 months
AUD $704.00

Sunrise on snow-capped Sierra Nevada mountains
California, USA

Internet order purchase completed with hi res download buttons

Fig. 44
Image number: CE-00001229-001

Sunrise on snow-capped Sierra Nevada Mountains, California USA
CALIFORNIA: GENERAL
Alabama Hills, Mt. Whitney, Lone Pine Peak, travel, travel

Fig. 45

Substitute Sheet
(Rule 26) RO/AU
<table>
<thead>
<tr>
<th>Licence No:</th>
<th>809</th>
</tr>
</thead>
<tbody>
<tr>
<td>Media Type:</td>
<td>Billboard</td>
</tr>
<tr>
<td>Period:</td>
<td>05-Apr-2001</td>
</tr>
<tr>
<td>Usages:</td>
<td>1-4 sites</td>
</tr>
<tr>
<td></td>
<td>3 months</td>
</tr>
<tr>
<td>Regions of Use:</td>
<td>Australia</td>
</tr>
<tr>
<td>Industries of Use:</td>
<td>Accommodation, Hotels</td>
</tr>
</tbody>
</table>

Fig. 46

Substitute Sheet (Rule 26) RO/AU
### Personal Details
- **Title:** Mr.
- **First Name:**
- **Last Name:**
- **Type of Business:** None
- **Company name:** Photography
- **Job Title:**

### Security Details
- **Login:** * (min 6)
- **Password:** * (min 6)
- **Confirm Password:** *

### Address Details
- **Street Line 1:** Level 11
- **Street Line 2:** 54 Miller Street
- **Suburb:** North Sydney
- **State:** NSW
- **Post Code:** 2070
- **Country:** Australia
- **Phone:** +61 ▼ 02 9929 8511
- **Fax:** +61 ▼
- **Mobile/Call Phone:**
- **Email:**

### Credit Card Details
- **Credit Card Type:** VISA ▼
- **Credit Card Name:**
- **Credit Card Number:**
- **Expiry Date:** Month ▼ Year ▼

Internet customer record – displays country selection update

---

Fig. 47

Substitute Sheet
(Rule 26) RO/AU
Crystal Reports Service Manager

The Crystal Web Page Server is currently started

stop

Finance
- Bank Transfer Summary
- Credit Note Summary
- Credit Note
- Credit Summary
  - Credit Sales
  - Invoiced Sales
  - Received Sales
- Letter of Demand
- Pre GST Receipted Sales Advice
- Purchase Order
- Purchase Orders Summary
- Receipted Sales Advice
- Receipts Summary
- Withholding Tax Summary

Finance
- Bank Transfer Summary
- Credit Note Summary
- Credit Note
- Credit Summary
- Mailing List Generator
- zzz Mailing List Generator

Production
- Changed Copy Status Listing
- Filing Code Listing
- Image Withdraws
- Photographic Source Details
- Photographic Source Listing
- Photographs List by Subject File Code
- Subject Filing Codes by SFC Name
- Top Selling Images
- Top Selling Photographs
- Transparency Listing
- Wanted Shots
- X Reference Listing for Catalogues

Sales
- Daily Invoice
- Despatch Summary
- Despatch
  - Credit Sales
  - Invoiced Sales
  - Received Sales
- Invoiced Sales Report
- New Customer Accounts by Date
- New Customer Accounts
- Outstanding Transparency Details
- Outstanding Transparency Summary
- Outstanding Transparency
- Photographic Source Sales History
- Photographic Source Sales History

432

Fig. 48

Substitute Sheet
(Rule 26) RO/AU
<table>
<thead>
<tr>
<th>Invoice</th>
<th>Photographer</th>
<th>Library Ref.</th>
<th>Rest Media</th>
<th>Industry Type</th>
<th>Description</th>
<th>Country</th>
<th>Invoice Ref.</th>
<th>Start Date</th>
<th>End Date</th>
<th>Commissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>59012</td>
<td>SCAT8569-4</td>
<td>0011015.002 NA</td>
<td>A5 or DL Brochure</td>
<td>Cable Networks and Program Distribution</td>
<td>Australia</td>
<td>29/8/2000</td>
<td>29/8/2000</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>59094</td>
<td>Y75-33507</td>
<td>0016958.001 NA</td>
<td>Internet/WWW site</td>
<td>Banking Activities: Lending Activities</td>
<td>Australia</td>
<td>31/8/2000</td>
<td>30/8/2000</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>59581</td>
<td>4CAT6249-4</td>
<td>0006176.001 NA</td>
<td>Magazine</td>
<td>Specialized Design Services</td>
<td>Australia</td>
<td>31/9/2000</td>
<td>01/8/2000</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60020</td>
<td>SCAT1053-4</td>
<td>0010706.001 NA</td>
<td>Magazine</td>
<td>Newspaper, Magazine, Book &amp; Database Publishers</td>
<td>Australia</td>
<td>30/1/2000</td>
<td>30/1/2000</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60250</td>
<td>3CAT2939</td>
<td>0001176.001 NA</td>
<td>Newspaper</td>
<td>Newspaper, Magazine, Book &amp; Database Publishers</td>
<td>Australia</td>
<td>14/1/2000</td>
<td>14/1/2000</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fig. 49
<table>
<thead>
<tr>
<th>Rest Type</th>
<th>Media Description</th>
<th>Industry Description</th>
<th>Country</th>
<th>Invoice Start</th>
<th>Invoice Expiry</th>
<th>Invoiced Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>.002 NA</td>
<td>A5 or DL Brochure</td>
<td>Cable Networks and Program Distribution</td>
<td>Australia</td>
<td>29/8/2000</td>
<td>30/6/2000</td>
<td>551.00</td>
</tr>
<tr>
<td>.001 NA</td>
<td>Internet/WWW site</td>
<td>Banking Activities: Lending Activities</td>
<td>Australia</td>
<td>31/8/2000</td>
<td>29/8/2000</td>
<td>250.00</td>
</tr>
<tr>
<td>.001 NA</td>
<td>Magazine</td>
<td>Specialized Design Services</td>
<td>Australia</td>
<td>31/9/2000</td>
<td>01/9/2000</td>
<td>590.00</td>
</tr>
<tr>
<td>.001 NA</td>
<td>Magazine -inside</td>
<td>Newspaper, Magazine, Book &amp; Database Publishers</td>
<td>Australia</td>
<td>30/1/2000</td>
<td>31/1/2000</td>
<td>290.00</td>
</tr>
<tr>
<td>.001 NA</td>
<td>Newspaper</td>
<td>Newspaper, Magazine, Book &amp; Database Publishers</td>
<td>Australia</td>
<td>14/1/2000</td>
<td>14/1/2000</td>
<td>299.00</td>
</tr>
</tbody>
</table>

Fig. 50
<table>
<thead>
<tr>
<th>Contract No.</th>
<th>Contract Name</th>
<th>Contract Type</th>
<th>Start Date</th>
<th>End Date</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>5725</td>
<td></td>
<td>Non-Nexus Supply</td>
<td>25-09-1998</td>
<td>25-09-2002</td>
<td>50%</td>
</tr>
</tbody>
</table>

Contract created by and was created on 17/04/91

Intranet Distributors—Displaying Contract Parameters (Sync Pay Calculations)

Fig. 51
<table>
<thead>
<tr>
<th>Source Code</th>
<th>Source Name</th>
<th>City/Suburb</th>
<th>Post/Zip</th>
<th>State</th>
<th>Country</th>
<th>Notes</th>
<th>Catalogues</th>
<th>Photographers Contact Delivery</th>
<th>Restrictions</th>
<th>Contract Parameters for contract no. 5725</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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**Intranet – Photographic Source – Contract Parameters**

- **Contract Parameters for contract no. 5725**
  - **Region of Use**
    - Exclusive
    - Australia
    - New Zealand
  - **Region of Sale**
    - All Media
    - All Industries

---

Substitute Sheet
(Rule 26) RO/AU
### Distributors Edit

<table>
<thead>
<tr>
<th>Distributor Code(*)</th>
<th>Distributor Name(*)</th>
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Contract created by- and was created on 05/01/96

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**Intranet Distributors— Displaying Contract Parameters (Sync Pay Calculations)**

**Fig. 53**
Catalogues series Record: PRN: AGE-00000001

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Photographer Credit(*): [Blank]

Date Created: [Blank]

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Restrictions created by Nick Green and was created on 16/03/2001

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<th>Region</th>
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</table>

Restrictions created by Nick Green and was created on 16/03/2001

New Restriction

Create New Series  Save

Fig. 54
Parallel Payment Calculations
DIAGRAM

USER Purchase

Payment Calculation Module

Agent Payment Calculation

Photo Source Payment Calculation

Residual Income Calculation

Calculations occur as single process

Posted to Database for Payments

Fig. 55

Substitute Sheet
(Rule 26) RO AL
DISTRIBUTED REAL TIME RESTRICTION CONTROL SYSTEM

NODE I (Company A)

SYSTEM Generates Image Numbers
Records Restrictions

Distributes Images to Node II
& vice versa

NODE II (Company B)

NODE II CAN IN RETURN
SUPPLY IMAGERY TO
NODE I WHICH WILL
ALSO BE AVAILABLE
FOR RESTRICTION CONTROL

IF NODE II SELLS AN
IMAGE, A RECORD IS
GENERATED IN SYSTEM
WHICH RESTRICTS THE
IMAGE FROM USE

NODE I WILL NOT BE
ABLE TO SELL THIS
IMAGE FOR THE SAME
USE: HENCE RESTRICTION
CONTROL.

Fig. 56
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: G06F 17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of database and, where practicable, search terms used)

WPAT, USPTO (KEYWORDS): LICENC+, COPYRIGHT+, ROYALT+, DIGITAL RIGHTS?...

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tr>
<td>P,X</td>
<td>US 6119108 A, (HOLMES et al) 12 September 2000 See whole document</td>
<td>1-7,10-12,28-34, 36-40</td>
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<td>EP 696121 A1, (AT&amp;T CORP.) 7 February 1996 See whole document</td>
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<tr>
<td>A</td>
<td>WO 99/31602 A (SUN MICROSYSTEMS, INC) 24 June 1999 See whole document</td>
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</tr>
</tbody>
</table>

☐ Further documents are listed in the continuation of Box C X See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing data but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family

Date of the actual completion of the international search: 16 July 2001

Date of mailing of the international search report: 19 July 2001

Name and mailing address of the ISA/AU

AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustralia.gov.au
Facsimile No. (02) 6283 3929

Authorized officer

Stephen Lee
Telephone No: (02) 6283 2205

Form PCT/ISA/2.0 (second sheet) (July 1998)
INTERNATIONAL SEARCH REPORT

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<th>Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)</th>
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<td>This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:</td>
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<tr>
<td>1.</td>
<td>☐ Claims Nos: because they relate to subject matter not required to be searched by this Authority, namely:</td>
</tr>
<tr>
<td>2.</td>
<td>☐ Claims Nos: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:</td>
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<td>3.</td>
<td>☐ Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)</td>
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<td>Claim 57 for a real time restriction system</td>
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<td>☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims</td>
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<td>☑ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.</td>
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<td>3.</td>
<td>☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:</td>
</tr>
<tr>
<td>4.</td>
<td>☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:</td>
</tr>
</tbody>
</table>

Remark on Protest
☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.
This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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END OF ANNEX