

12-10-2001



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To the Honorable Commissioner of Patent

101910585

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Qi Xu

Mark Tom

11-29-01

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: ICTV Inc.

Internal Address: _____

Street Address: 14600 Winchester Blvd.

City: Los Gatos State: CA ZIP: 95030

Additional name(s) & address(es) attached? Yes No

JCS15 U.S. PTO
09/997608

11/29/01

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: November 16, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 29, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

09/997/608

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John J. Stickevers

Internal Address: Bromberg & Sunstein LLP

Street Address: 125 Summer Street

City: Boston State: MA ZIP: 02110

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

19-4972

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John J. Stickevers
Name of Person Signing

John J. Stickevers
Signature

November 29, 2001
Date

Total number of pages including cover sheet, attachments, and document: 4

12/07/2001 LNUELLER 00000189 194972

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Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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ASSIGNMENT

ASSIGNORS: Qi Xu
Mark Tom

ASSIGNEE: ICTV, Inc.
14600 Winchester Boulevard
Los Gatos, CA 95030

STATE OF INCORPORATION OF ASSIGNEE: Delaware

INVENTION: SYSTEM AND METHOD OF HYPERLINK NAVIGATION
BETWEEN FRAMES

ATTORNEY DOCKET: 1436/149

SERIAL NO: Not Yet Assigned

FILED: Herewith

Assignor is an inventor of a certain new and useful invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title. If a filing date and application number are shown, the Application has a Patent and Trademark Office filing date and application number as indicated above.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including as a divisional, continuation-in-whole or continuation-in-part, or as an application claiming

priority from a provisional application); or any application based in whole or in part on any of the foregoing.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: Nov 16, 2001

Qi Xu
Qi Xu, Assignor

STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

Before me, a notary public in and for said county and state, personally appeared Allan Moluf, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.



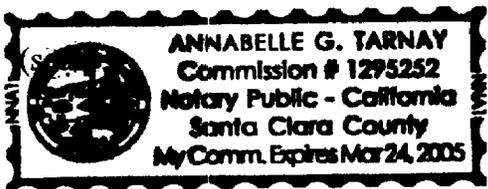
Annabelle G. Tarnay
Notary Public
My Commission Expires: Mar. 24, 2005

Date: Nov 16, 2001

Mark Tom
Mark Tom, Assignor

STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

Before me, a notary public in and for said county and state, personally appeared Allan Moluf, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.



Annabelle G. Tarnay
Notary Public
My Commission Expires: March 24, 2005