Attorney Docket: TUT 2605 102444874 Postcard: 05/03-2 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECORDATION COVER SHEET Mail Stop Assignment Recordation Services Director of the United States Patent and Trademark Office P.O. Box 1450 5-1-03 Alexandria, Virginia 22313-1450 Sir: Please record the attached original document or copy thereof. Submission Type: Conveyance Type: [x] New [x] Assignment [] Resubmission (Non-Recordation) [] License] Merger Document ID # [] Correction of PTO Error [] Security Agreement [] Change of Name Reel # ____; Frame # [] Corrective Document [] Other Reel # ; Frame # Name of conveying party(ies): Mayer D. Schwartz $\sqrt{2428698}$ Execution Date: April 30, 2003 Name and address of receiving party: TUT SYSTEMS, INC. 5200 Franklin Drive, Suite 100 Pleasanton, California 94588 Correspondent Name and Address: Smith-Hill and Bedell, P.C. 12670 N.W. Barnes Road, Suite 104 Portland, Oregon 97229 Tel: (503) 574-3100 Number of Pages: 2 Application Number(s) or Patent Number(s): [x] Application No. [] Patent No: Executed on April 30, 2003 Number of properties affected: 1 A check including the amount of \$40.00 for the fee under 37 CFR 3.41 is enclosed. 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. mewell_

Penelope Stockwell

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PATENT REEL: 014039 FRAME: 0865

PATENT

<u>A S S I G N M E N T</u>

(To Be Submitted With Application)

WHEREAS, I, Mayer D. Schwartz, a resident of Portland, Oregon, am inventor of an improvement in or relating to METHOD AND APPARATUS FOR MEASURING QUALITY OR SERVICE PARAMETERS OF NETWORKS DELIVERING REAL TIME MPEG VIDEO for which I am about to make application for Letters Patent of the United States of America.

WHEREAS, TUT SYSTEMS, INC., a corporation organized under the laws of the State of Delaware, having a place of business at 5200 Franklin Drive, Suite 100, Pleasanton, California 94588, is desirous of acquiring an interest therein.

NOW, THEREFORE, in consideration of One Dollar (\$1) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Mayer D. Schwartz, assign and transfer to TUT SYSTEMS, INC., my entire legal and equitable right, title, and interest for the territory of the United States of America, and for all foreign countries, in and to the invention described and claimed in the application executed by me on

April 30, 2003, preparatory to obtaining Letters Patent of the United States for said invention (and I authorize my attorneys of record to insert the date of execution of the application); said invention, application, and Letters Patent in this or any foreign country, and all divisions, continuations, reissues, and extensions thereof, to be held and enjoyed by the

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said TUT SYSTEMS, INC. for its own use and behalf, and for its successors and assigns, to the full end of the term for which Letters Patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and I warrant that I have full right to do so, and agree that I shall communicate to the said TUT SYSTEMS, INC., or its successors and assigns any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful declarations, and generally do everything possible to aid TUT SYSTEMS, INC., its successors and assigns, to obtain and enforce proper patent protection for said invention in this or any foreign country.

I agree that no attorney/client or other fiduciary relationship exists between me and Smith-Hill and Bedell, P.C.

EXECUTED at Lake Oswego, Oregon, this 30^{th} day of April, 2003, by

STATE OF OREGON) County of <u>(uckomus</u>) ss.

This <u>Jo</u> day of April, 2003, before me personally came the above-named Mayer D. Schwartz, who executed the foregoing instrument in my presence, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes set forth therein.

Notary Public for Oregon

My commission expires:

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RECORDED: 05/01/2003