FORM PTO-1594 (Rev 6-93) RECORI

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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| To the Honorable Commissioner of Patents and Trademark   | s: Please record the attached original documents or copy thereof.  |  |  |  |
|--|--|--|--|--|
| 1. Name of Conveying Party(ies):   | 2. Name and address of receiving party(ies)  |  |  |  |
| DAVID A. MONROE, RANDALL A. HOEFFER,<br>STEPHEN M. BAKER, MICHAEL A. FORMAN  | RAYTHEON COMPANY LEXINGTON, MASSACHUSETTS 02173  |  |  |  |
| [X] Individual(s) [ ] Association  |  |  |  |  |
| [ ] General Partnership  | [ ] Individual(s) citizenship  |  |  |  |
| [ ] Other  | [ ] Limited Partnership [7] Ly [X] Corporation-State DELAWARE  |  |  |  |
| Additional name(s) of conveying party(ies) attached? [] Yes [X] No   | [ ] Other  |  |  |  |
| 3. Nature of Conveyance:   |  |  |  |  |
| [X ] Assignment [ ] Merger   |  |  |  |  |
| [ ] Security Agreement [ ] Change of Name  |  |  |  |  |
| [ ] Other  | If assignee is not domiciled in the United   |  |  |  |
| Execution Date: SEPTEMBER 30, 1998   | States, a domestic representative designation is attached: [ ] Yes [ ] No (Designations must be a separate document from assignment) Additional name(s) & address(es) attached? [ ] Yes [ ] No |  |  |  |
| 4. Application number(s) or patent number(s):  |  |  |  |  |
| A. Patent Application No.(s)   | B. Patent No. (s)  |  |  |  |
| 09/143,232   |  |  |  |  |
| Additional Numbers   | attached? [ ] Yes [ x] No  |  |  |  |
| <ol><li>Name and address of party to whom correspondence<br/>concerning document should be mailed:</li></ol>                               | 6. Total number of applications and patents involved: [1]  |  |  |  |
| Name: Judy Kruger  | 7. Total fee (37 CFR 3.41)\$40.00  |  |  |  |
| BRACEWELL & PATTERSON SOUTH TOWER PENNZOIL PLACE 100 LOUISIANA STREET SUITE 2900   | <pre>[x] Enclosed [ ] Authorized to be charged to deposit account</pre>  |  |  |  |
| HOUSTON, TEXAS 77002-2781  | 8. Deposit account number: 50-0259   |  |  |  |
| D/20/1998 DNBUYEN 00000423 09143232  | (Attach duplicate copy of this page if paying by deposit account)  |  |  |  |
| FC:561 40.00 OP  |  |  |  |  |
| <ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoing int<br/>the original document.</li> </ol> | formation is true and correct and any attached copy is a true copy of  |  |  |  |
| JUDY KRUGER  | Judy Hugele 10-16-98   |  |  |  |
|  | , - organizació  |  |  |  |
| Total number of pages including c  | over sheet, attachments and document: [5]  |  |  |  |
|  |  |  |  |  |

CERTIFICATE OF MAILING

This is to certify that this document and its attachments are being deposited with the U.S. Postal Service, addressed to: U.S. Patent and Trademark Office, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231, as Express Mail, Express Mail Label E1063051794US, this 1674 Day of OCTOBER, 1998

**PATENT** 

**REEL: 9517 FRAME: 0422** 

### ASSIGNMENT

WHEREAS, I, the signatory hereto, have invented an improvement entitled "Multifunction Remote Control System For Audio and Video Recording, Capture, Transmission and Playback of Full Motion and Still Images" (Phototelesis Docket No.067839.007001.0018) and have executed an application for United States patent based thereon on the date set forth below; Serial No. 09/143,232

WHEREAS, RAYTHEON COMPANY, of Lexington, Massachusetts 02173, U.S.A., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, U.S.A., is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign and transfer unto said corporation the entire right, title and interest. in and throughout the world, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, substitute or reissue application based in whole thereon, or based upon said invention, and without limiting the generality of the foregoing, I also do hereby sell, assign and transfer unto said corporation all my rights under the International Convention and all other treaties of like purpose, in respect of said invention and application, and I authorize said corporation to apply for patents on said invention or any part thereof, in all countries, claiming the priority of the filing date of said application in the United States of America under the provisions of said International Convention or any such other treaty;

TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by me had no sale, assignment or transfer of said right, title or interest been made;

AND I do hereby authorize and request the Commissioner of Patents of the United States of America and the corresponding Officer of each country foreign thereto to issue any and all United States and foreign patents which may be grated upon said applications or any of them in the United States and all other countries, or upon said invention or any part thereof, to said corporation, its successors or assigns;

AND I hereby agree for myself and for my heirs, executors and administrators to execute without additional consideration any further lawful documents and any further assurances, and any applications for patents of any country, that might be deemed necessary by said corporation, its

- 1 -

PATENT REEL: 9517 FRAME: 0423 successors or assigns, fully to secure to said corporation, its successors or assigns, its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them. all, however, at the expense of said corporation, its successors or assigns.

AND I do hereby covenant for myself and my legal representatives, and agree with said corporation, its successors and assigns, that I have granted no right or license to make, use or sell said invention to anyone except said corporation, that prior to the execution of this deed my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

Signed this 304 day of September, 1998.

David A Marroe

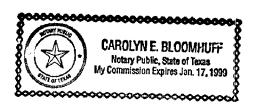
# **ACKNOWLEDGMENT**

State of Texas

County of Bexar ) ss.

On this 36 day of September, 1998, before me, a Notary Public within this state, personally appeared the above-named David A. Monroe, personally known by me to be the identified person named in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged that he executed the same as his voluntary and free act and deed.

SEAL



Notary Public My Commission Expires

- 2 -

Randel a. Halling

### **ACKNOWLEDGMENT**

| Stat     | te         | of  | Tey | LAS | _)     |
|----------|------------|-----|-----|-----|--------|
| County o | f <u>B</u> | exa | v   |     | _) ss. |

On this 30 day of September, 1998, before me, a Notary Public within this state, personally appeared the above-named Randall A. Hoeffer, personally known by me to be the identified person named in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged that he executed the same as his voluntary and free act and deed.

SEAL

CAROLYN E. BLOOMHUTT

Notary Public, State of Texas

My Commission Expires Jan. 17, 1939

Notary Public

My Commission Expires

STEPHEN M. BAKER

# **ACKNOWLEDGMENT**

State of Texas

County of Bexar ss

On this 30 day of state, personally appeared the above-named Stephen M. Baker, personally known by me to be the identified person named in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged that he executed the same as his voluntary and free act and deed.

SEAL



Notary Public

My Commission Expires

- 3 -

Michael A. Forman

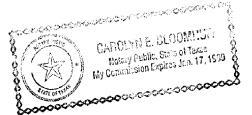
# **ACKNOWLEDGMENT**

| 5      | al | و ر<br>ا | 3 - | texas | _)    |
|--------|----|----------|-----|-------|-------|
| County | of | 8        | e > | car   | ) ss. |

On this 30 day of Jopen 1998, before me, a Notary Public within this state, personally appeared the above-named Michael A. Forman, personally known by me to be the identified person named in and who executed the foregoing instrument, and subscribed the same in my presence, and acknowledged that he executed the same as his voluntary and free act and deed.

My Commission Expirés

**SEAL** 



**RECORDED: 10/19/1998** 

**PATENT REEL: 9517 FRAME: 0426**