
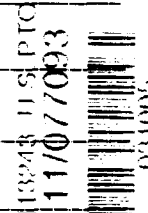



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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼		REC  102965321		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
<b>1. Name of conveying party(ies):</b> <b>Kapriel V. Krikorian</b> <b>Robert A. Rosen</b> <b>Mary Krikorian</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>2. Name and address of receiving party(ies)</b> Name: <b>Raytheon Company</b>  Internal Address: <b>Intellectual Property and Licensing</b>     Street Address: <b>870 Winter Street</b>  City: <b>Waltham</b> State: <b>MA</b> Zip: <b>02451-1449</b>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <b>03/03/2005</b>					
<b>4. Application number(s) or patent number(s):</b> <b>Attorney Docket No. 04W088</b> If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) _____ B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No					
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <b>Raytheon Company</b>  Internal Address: <b>Leonard A. Alkov</b>    Street Address: <b>P.O. Box 902 (E4/N119)</b>  City: <b>El Segundo</b> State: <b>CA</b> Zip: <b>90245-0902</b>			<b>6. Total number of applications and patents involved:</b> <b>1</b>  <b>7. Total fee (37 CFR 3.41).....\$ 40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> <b>50-0616</b>  (Attach duplicate copy of this page if paying by deposit account)		
<b>DO NOT USE THIS SPACE</b>					
<b>9. Statement and signature.</b> <i>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.</i> <b>Leonard A. Alkov, 30,021</b>  Name of Person Signing _____ Signature  Date <b>03/10/2005</b>  Total number of pages including cover sheet, attachments, and documents: <b>4</b>					

03/22/2005 BYRNE 00000149 500616 11077093  
01 FC:8021 (40.00 BA)

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

**PATENT**  
**REEL: 016382 FRAME: 0975**

## ASSIGNMENT

WHEREAS, I, as below named joint inventor of the city and state as stated below next to my name, have invented "Fast and Slow Time Scale Clutter Cancellation" for which application for Letters Patent of the United States has been executed by me on this day; and

WHEREAS, RAYTHEON COMPANY, a Delaware Corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON COMPANY, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON COMPANY, its successors, assigns or other legal representatives; convenient that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON COMPANY, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON COMPANY, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON COMPANY, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON COMPANY, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, we have executed this instrument.

Full Name of Inventor Kapriel V. Krikorian	Inventor Signature <i>Kapriel V. Krikorian</i>	Date Signed 3/3/05
Residence (City and State) 23212 Park Corniche, Calabasas, CA 91302		Invention Agreement Date November 19, 1973

STATE OF California )

COUNTY OF Los Angeles )

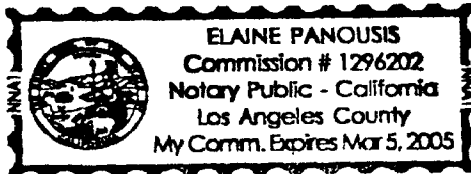
SS:

On 3-3-05 before me, Elaine Panousis, a Notary Public in and for said State,

personally appeared Kapriel V. Krikorian

☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public

*Elaine Panousis*

Full Name of Inventor Robert A. Rosen	Inventor Signature <i>Robert A Rosen</i>	Date Signed 03 March 2005
Residence (City and State) 1648 Meandern Drive, Simi Valley, CA 93065-5750		Invention Agreement Date June 3, 1975

STATE OF California )

COUNTY OF Los Angeles )

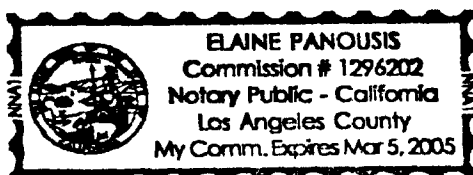
SS:

On 3-3-05 before me, Elaine Panousis, a Notary Public in and for said State,

personally appeared Robert A. Rosen

☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public

*Elaine Panousis*

Full Name of Inventor Mary Krikorian	Inventor Signature <i>Mary Krikorian</i>	Date Signed 3/3/2005
Residence (City and State) 23212 Park Corniche, Calabasas, CA 91302		Invention Agreement Date October 9, 1979

STATE OF California )

COUNTY OF Los Angeles )

SS:

On 3-3-05 before me, Elaine Panousis, a Notary Public in and for said State,

personally appeared Mark Kirkorian

\_\_\_ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

*Elaine Panousis*

