

06-21-2002



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PATENT

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JC868 U.S. PTO  
 10/161526  
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Party 1	Paul M Astrachan	10/16/2002	5/31/2002
Party 2			
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#### Receiving Party

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Name (line 1) ViXS, Inc.

Name (line 2) \_\_\_\_\_

Address 2235 Sheppard Ave East

Address Toronto Ontario M2J 5B5

City State/Country Zip Code

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Name Timothy W. Markison

Address (line 1) P.O. Box 160727

Address (line 2) Austin TX 78716-0727

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Patent Application Numbers(s)

Patent Numbers



If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 5/31/2002

**Patent Cooperation Treaty (PCT)** PCT  PCT  PCT   
Enter PCT application number only if a U.S. Application Number has not been assigned. PCT  PCT  PCT

**Number of Properties** Enter the total number of properties involved. # 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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Timothy W. Markison

5/31/02

Name of Person Signing

Signature

Date

**ASSIGNMENT**

**WHEREAS**, the undersigned inventors, hereinafter called the "Assignors", have invented a new and useful invention entitled:

**METHOD AND APPARATUS FOR ADJUSTING SYMBOL TIMING AND/OR SYMBOL POSITIONING OF A RECEIVE BURST OF DATA WITHIN A RADIO RECEIVER**

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

**WHEREAS**, **ViXS, Inc.**, a Canada company having a principal office and place of business at, 2235 Sheppard Ave East Toronto Ontario M2J 5B5 hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, and all Letters Patents that may issue for the said invention, and all division, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

**FURTHER**, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional

