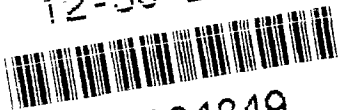


12-30-2003

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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>Dennis Cleary</b> <b>Carmine Pagano</b> <b>Hayim Vitali Penso</b> <b>John Rucki</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: <u>Andrew Corporation</u> Internal Address: _____  Street Address: <u>10500 W. 153rd Street</u> City: <u>Orland Park</u> State: <u>IL</u> Zip: <u>60462-3099</u>  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: <u>12/17/03; 12/17/03; 12/17/03; 12/17/03</u>			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is <u>12/18/2003</u> . A. Patent Application No.(s) B. Patent No. (s)  <u>10/739549</u>  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <u>Steve Mendelsohn</u> Internal Address: <u>Mendelsohn &amp; Associates, P.C.</u> Street Address: <u>1515 Market Street</u> <u>Suite 715</u> City: <u>Philadelphia</u> State: <u>PA</u> Zip: <u>19102</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 3.41) \$</b> <u>\$40.00</u>  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> (Attach duplicate copy of this page if paying by deposit account)	

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<b>9. Statement and signature.</b> 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.  <u>Ian M. Hughes</u> Name of Person Signing  <u>[Signature]</u> Signature  <u>12/18/03</u> Date  Total number of pages including cover sheet, attachments, and document: <u>6</u>		
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Mail documents to be recorded with required cover sheet information to:  
Director of the Patent and Trademark Office, Mail Stop Assignment Recordation Services  
P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No.: 1052.044  
Andrew Ref.: 1152

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10739549  
U.S. PTO

Customer No.: 22186

Attorney Docket No. 1052.044

## ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

***Dennis Cleary of Morris Plains*** in the State of New Jersey,  
***Carmin Pagano of Blairstown*** in the State of New Jersey,  
***Hayim Vitali Penso of Bronx*** in the State of New York,  
***John Rucki of New Providence*** in the State of New Jersey,

hereby sell, assign, and transfer to Andrew Corporation, a corporation of the State of Delaware, having an office at 10500 W. 153rd Street, Orland Park, Illinois 60462-3099, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Frequency Offset Correction in Transmitters and Receivers Having Non-Ideal Synthesizer Channel Spacing** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Andrew Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Andrew Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Andrew Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Andrew Corporation in the United States and in all countries foreign to the United States, or to such nominees as Andrew Corporation may designate.

Andrew Ref.: 1152

Customer No.: 22186

Attorney Docket No. 1052.044

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I agree that, when requested, I shall, without charge to Andrew Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


  
Dennis Cleary

Date: DEC 17, 2003

United States of America )

State of NEW JERSEY ) ss.:City of WARREN TOWNSHIP )

On this 17<sup>th</sup> day of DECEMBER, 2003, before me personally came **Dennis Cleary**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



Andrew Ref.: 1152

Customer No.: 22186

Attorney Docket No. 1052.044

3


  
Carmine Pagano

Date: DEC. 17, 2003

United States of America )

State of NEW JERSEY ) ss.:City of WARREN TOWNSHIP )

On this 17<sup>th</sup> day of DECEMBER, 20 03, before me personally came **Carmine Pagano**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

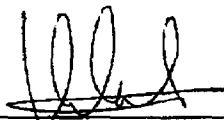
  
Notary Public

Andrew Ref.: 1152

Customer No.: 22186

Attorney Docket No. 1052.044

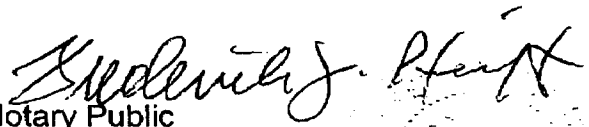
4

Hayim Vitali PensoDate: DEC. 17, 2003

United States of America )

State of NEW JERSEY ) ss.:City of WARREN TOWNSHIP )

On this 17<sup>th</sup> day of DECEMBER, 2003, before me personally came **Hayim Vitali Penso**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

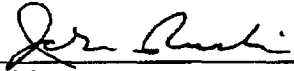
  
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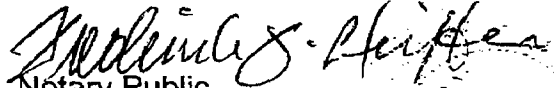
  
\_\_\_\_\_  
John Rucki

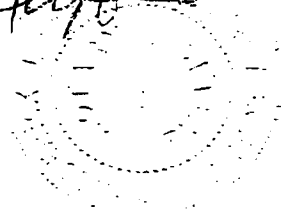
Date: DEC. 17, 2003

United States of America )

State of NEW JERSEY ) ss.:City of WARREN TOWNSHIP )

On this 17<sup>th</sup> day of DECEMBER, 2003, before me personally came **John Rucki**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



Andrew Ref.: 1152