Fi <sup>3</sup> m PTO-159 <sup>5</sup> (Rev. 09/04) 12 - 21 - 2 OMB No. 0651-0027 (exp. 6/30/2005)	United States Patent and Trademark
	EET
To the Director of the U.S. Paten. 103141	118ned documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s):  Christopher G. Ware Randy L. Ekl Anthony R. Metke  Execution Date(s) 12/13/2005  Additional name of conveying party(ies) attached?  Yes No  3. Nature of conveyance:  Assignment	Street Address: 101 Tournament Drive  City: Horsham  State: PA  Country: USA  Zip: 19044
	Additional Name(s) & address(es) attached? ☐ Yes ☒ N
4. Application number(s) or patent number(s):  A. Patent Application No.(s)	This document is being filed together with a new application  B. Patent No.(s)
4. Application number(s) or patent number(s):  A. Patent Application No.(s)	
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence	B. Patent No.(s)
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:	B. Patent No.(s)    Contact   Patent No.(s)   B. Patent No.(s)
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen	B. Patent No.(s)    Contact   Patent No.(s)   B. Patent No.(s)
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:	B. Patent No.(s)    Contact   Acceptable   A
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:  Motorola, Inc.	B. Patent No.(s)  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:  Motorola, Inc.  Street Address: 101 Tournament Drive  City: Horsham	B. Patent No.(s)  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:  Motorola, Inc.  Street Address: 101 Tournament Drive  City: Horsham  State: Pennsylvania Zip: 19044	B. Patent No.(s)  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title  8. Payment Information  a. Credit Card Last 4 Numbers
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:  Motorola, Inc.  Street Address: 101 Tournament Drive  City: Horsham  State: Pennsylvania Zip: 19044  Phone Number: (215) 323-1000	B. Patent No.(s)    Continuous co
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:  Motorola, Inc.  Street Address: 101 Tournament Drive  City: Horsham  State: Pennsylvania Zip: 19044  Phone Number: (215) 323-1000  Fax Number:	B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 50247  Authorized User Name Motocoa, Jacobs
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  Additional numbers att  5. Name and address of party to whom correspondence concerning this document should be mailed:  Name: Lawrence T. Cullen  Internal Address:  Motorola, Inc.  Street Address: 101 Tournament Drive  City: Horsham  State: Pennsylvania Zip: 19044  Phone Number: (215) 323-1000  Fax Number:  Email Address:	B. Patent No.(s)  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 50247

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## Atty, Dkt. No. BCS03914 ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	CHRISTOPHER G. WARE	2)	RANDY L. EKL
3)	ANTHONY R. METKE		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

## METHOD AND APPARATUS FOR PACKET SCHEDULING IN A WIRELESS NETWORK

enclosed herewith; and

WHEREAS, General Instrument Corporation, a corporation of the State of Pennsylvania, having a place of business at 101 Tournament Drive, Horsham, Pennsylvania 19044 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said

Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions: provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) DEC 13, 2005 (DATE)

CHRISTOPHER G. WARE

1) Dec. 13, 2005 (DATE)

BANDY! EX

1) Dec. 13, 2005 (DATE)

ANTHONY R. MEZKE

418229

2

## Atty. Dkt. No. BCS03914 ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	CHRISTOPHER G. WARE	2)	RANDY L. EKL
3)	ANTHONY R. METKE		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

## METHOD AND APPARATUS FOR PACKET SCHEDULING IN A WIRELESS NETWORK

enclosed herewith; and

WHEREAS, General Instrument Corporation, a corporation of the State of Pennsylvania, having a place of business at 101 Tournament Drive, Horsham, Pennsylvania 19044 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said

Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) DEC 13, 2005 (DATE)

CHRISTOPHER G. WARE

1) Dec. 13, 2005 (DATE)

RANDY I FKI

1) Dec. 13, 2005 (DATE

RECORDED: 12/13/2005

ANTHONY R. METKE

418229

2