1. Name of conveying party(ies):  Susie J. Wee  John G. Apostolopoulos  Additional namelal of conveying party(ies) attached  John G. Apostolopoulos  Additional namelal of conveying party(ies) attached  Port Collins, Colorado 80527-2400  Fort Collins, Colorado 80527-2400  Additional namelal of conveying party(ies) attached Post X No Additional namelal & addressical attached? Post X No Additional namelal & addressical attached? No B. Patent No.(s)  Application number(s) or patent number(s):  If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)  Application No.: 09/972,229  Date Filed: 10/4/01  Confirmation No.: 09/972,229  Date Filed: 10/4/01  S. Name and address of party to whom acorrespondence concerning document should be mailed:  Records Manager  HEWLETT-PACKARD COMPANY  Legal Department  Seconds Manager  HEWLETT-PACKARD COMPANY  Legal Department  Seconds Manager  HEWLETT-PACKARD COMPANY  Legal Department  S. Name and address of receiving party(ies):  HEWLETT-PACKARD COMPANY  Legal Department  S. Name and party departs attached Property Additional numbers attached? NO  S. Name and party departs attached? NO  Do NOT USE THIS SPACE  S. Deposit Account Number: 08-2025  To this basis of my knowledge and belief, the foreguing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner  Name of Person Signing  Signature  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents  Box Assignment			_
Attorney Docket No		03-11-200	
Additional name(s) & address(s) attached? No. 10016300  Name and address of receiving party(ies): Susie J. Wee John G. Apostolopoulos  HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400  Additional name(s) & address(s) attached?	1-31-92		126 kil 1884
1. Name of conveying party(ies): Susie J. Wee John G. Apostolopoulos  Additional name(s) of conveying party(ies) attached Yes X No Additional name(s) & address(es) attached? Yes X No Additional name(s) & address of party to the application name(s) & address of party to the application name(s) & address of party to the applicatio	•	1 (22:3) ((2): 22(1) ((2): 22(1) (2): 2	
John G. Apostolopoulos    HeWEITT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400	1. Name of conveying party(ies):	102000010	
Intellectual Property Administration P.O. Box 272400  Fort Collins, Colorado 80527-2400  Fort Collins, Colorado 80527-2400  Fort Collins, Colorado 80527-2400  Additional namelal & addressies) attached?	Susie J. Wee		HEWLETT-PACKARD COMPANY
Fort Collins, Colorado 80527-2400  Additional name(s) of conveying party(les) attachedYesXNo	John G. Apostolopoulos		Intellectual Property Administration
Additional name(s) of conveying party(ies) attached			
Additional name(s) of conveying party(ies) attached	NIRO		2002, 2100
3. Nature of Conveyance:  X AssignmentMergerChange of Name Security AgreementOther  Execution Date(s): 10/4/01, 10/4/01  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)	01019		
3. Nature of Conveyance:  X AssignmentMergerChange of Name Security AgreementOther  Execution Date(s): 10/4/01, 10/4/01  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)	2/19/2		
AssignmentMergerChange of NameSecurity AgreementOther  Execution Date(s): 10/4/01, 10/4/01  4. Application number(s) or patent number(s):  If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)		attachedYes _X_ No	Additional name(s) & address(es) attached?YesX No
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Execution Date(s): 10/4/01, 10/4/01 4. Application number(s) or patent number(s):  If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)  B. Patent No.(s)  Application No.: 09/972,229  Date Filed: 10/4/01  Confirmation No.: Additional numbers attached? NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Records Manager  HEWLETT-PACKARD COMPANY  Legal Department 1501 Page Mill Rd, M/S 4U-10 Palo Alto, CA 94304-1126  3/08/2002 TDIA21 0000109 062025 09972229  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner  Name of Person Signing  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents Box Assignment	X Assignment	Merger	Change of Name
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)  Application No.: 09/972,229  Date Filed: 10/4/01  Confirmation No.: Additional numbers attached? NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Records Manager  HEWLETT-PACKARD COMPANY  Legal Department 1501 Page Mill Rd, M/S 4U-10  Palo Alto, CA 94:304-1126  3/06/2002 TBIAZI 00000109 080025 09972229  1 FC:581  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner  Name of Person Signing  Signature  Total number of pages including cover sheet, attachments, and document: 4  OMB No. 0651-0011 (exp. 4/94)  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents  Box Assignment	Security Agreement	Other	
If this document is being filed together with a new application, execution date of the application is:  A. Patent Application No.(s)  Application No.: 09/972,229  Date Filed: 10/4/01  Confirmation No.: Additional numbers attached? NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Records Manager HEWLETT-PACKARD COMPANY Legal Department 1501 Page Mill Rd, M/S 4U-10 Palo Alto, CA 94304-1126  3/06/2002 TDIAZI 00000109 080025 09972229  11 FC:581  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner Name of Person Signing  Total number of pages including cover sheet, attachments, and document:  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents Box Assignment	Execution Date(s): 10/4/01, 10/4/0	01	
A. Patent Application No.:  Application No.: O9/972,229  Date Filed: 10/4/01  Confirmation No.: Additional numbers attached? NO  5. Name and address of party to whom correspondence concerning document should be mailed:  Records Manager  HEWLETT-PACKARD COMPANY  Legal Department 1501 Page Mill Rd, M/S 4U-10 Palo Alto, CA 94304-1126  3/08/2002 TDIAZI 00000109 082025 09972229  1 FCI581  40.00 CH  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner  Name of Person Signing  Total number of pages including cover sheet, attachments, and document:  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents Box Assignment	4. Application number(s) or patent	number(s):	
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Records Manager HEWLETT-PACKARD COMPANY Legal Department 1501 Page Mill Rd, M/S 4U-10 Palo Alto, CA 94304-1126  3/08/2002 TDIAZI 00000109 082025 09972229  B. Deposit Account Number: 08-2025  DO NOT USE THIS SPACE  9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner Name of Person Signing Signature  Total number of pages including cover sheet, attachments, and document: 4  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents Box Assignment			6. Total number of applications and patents involved: 1
Legal Department 1501 Page Mill Rd, M/S 4U-10 Palo Alto, CA 94304-1126  3/08/2002 TDIAZ1 00000109 082025 09972229  1 FC:581	Records Manager		7. Total Fee (37 CFR 3.41): \$40.00
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document.  Tiffany Turner Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:  OMB No. 0651-0011 (exp. 4/94)  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents Box Assignment	3/08/2002 TDIAZ1 00000109 082025 09	972229 )	8. Deposit Account Number: 08-2025
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Tiffany Turner  Name of Person Signing  Total number of pages including cover sheet, attachments, and document: 4  OMB No. 0651-0011 (exp. 4/94)  Do Not detach this portion  Mail document to be recorded with required cover sheet information to:  Commissioner for Patents  Box Assignment	_	helief, the foregoing i	oformation is true and correct and any attached conv is a
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Washington, D.C. 20231			

PATENT REEL: 012640 FRAME: 0474

PATENT APPLICATION
ATTORNEY DOCKET NO. HP-10016300

## **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

an application for Letters Patent of the United States entitled:  ENCODING AND ENCRYPTING DEVICES FOR SECURE SCALABLE DATA STREAMING		
ENCODING AND ENCOMPTING DEVICES FOR SECON	E OORBIDEE DATA OTREAMING	
Filing date: 10-4-01	Serial No.: <b>09/972,229</b>	
and the invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and renew Letters Patent, and any and all Letters Patent of the may be granted thereon or therefor; and any reissu Patent.	vals of and substitutes for said application for said United States and of countries foreign thereto which	
I/we additionally authorize HP to file applications be held and enjoyed by HP, its successors, assigns, the term or terms for which said Letters Patent restully and entirely as the same would have been he transfer not been made;	pectively may be granted, reissued or extended, as	
AND I/we hereby covenant that I/we have full righthat I/we have not executed and will not execute a covenant and agree that I/we will, each time a requirement and agree that I/we will, each time a requirement and such papers as may be necessary or distributed in the improvement and I/we agree to communicate to him invention and I/we agree to communicate to him invention and improvement and invention and invention and invention and invention and it is inventional. It is a successor, assign the inventional and it is a successor, assign the inventional and it is a successor and inventional and it is a successor	lest is made, and without undue delay, execute and lesirable to perfect the title to said invention(s) or ent, to HP, its successors, assigns, nominees or legal HP, or to its nominee, all known facts respecting said and said Letters Patent, to testify in any legal ill disclaimers and divisionals, continuations, C-I-P's, atful oaths and declarations, and generally to do protection for said invention(s) or improvement(s) in	
AND I/we hereby authorize and request the Cor States and any official of any country or countries f patents on applications as aforesaid, to issue to HP, and all Letters Patent for said invention(s) or improv United States which may be issued and granted accordance with the terms of this assignment.	as assignee of the entire right, title and interest, any ement(s), including any and all Letters Patent of the	
I/we further authorize and direct HP attorneys application now identified by the attorney docket nushall have been made known to them by the United S	s to insert the serial number and filing date of said umber and title set forth above as soon as the same States Patent and Trademark Office.	
IN WITNESS WHEREOF, I/we hereunto set my/or	ur hand(s) and seal(s):	
Siz We Date	Assignment Signed: 10/4/2001	
Inventor's Signature (Seal)		
Inventor's Typed Name: SUSIE J. WEE	Date Application Signed:	
State of )		
County of ) ss.:		
Before me this day of, personal personally known or proved to me on the basis of satisfactor instrument of assignment to be his/her free act and deed.	lly appeared	

PATENT of 2 REEL: 012640 FRAME: 0475

My commission expires:

When recorded please return to:
HEWLETT PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. HP-10016300

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

IN WITNESS WHEREOF, I we hereunto set	my/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 10/4/61  Date Application Signed: 10/4/61
Inventor's Typed Name: JOHN G. APOSTOLOPOULO	S Date Application Signed: 10/4/01
State of )	• •
County of ) ss.:	
	, personally appeared <u>JOHN G. APOSTOLOPOULOS</u> who is satisfactory evidence to be the person who acknowledged the foregoing eed.
	Notary Public My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of ) ) ss.:	
County of )	
Before me this day of personally known or proved to me on the basis of instrument of assignment to be his/her free act and de-	, personally appeared who is f satisfactory evidence to be the person who acknowledged the foregoing eed.
	Notary Public  My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of ) ) ss.:	
County of )	
Before me this day of	, personally appeared who is f satisfactory evidence to be the person who acknowledged the foregoing sed.
	Notary Public My cornmission expires:

Page 2 of 2

(Use Page Three For Additional Inventor(s) Signature(s))

Rev 10/00 (Assign)