FORM PTO-1619A Expires 06,30/99 CM8 0631 0027

01-22-1999



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Second Party	Execution Date Month Day Year
Name (line 1) Jonathan P. Ive	11/30/98
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Apple Computer, Inc. Name (line 2) ddress (line 1) 1 Infinite Loop	If document to be record is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached (Designation must be a
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Page 2

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Address (line 2) Infinite Loop Address (line 2) MS 38-PAT Address (line 3) MS 38-PAT Address (line 4) CLPadin. CA 85014 Pages	Name	Nancy R. Simon			
Address (ine 3) MS 36 PAT Address (ine 4) Coperities, CA 95014 Pages Enter the total number of pages of the attached conveyance document including any attachments. Application Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property) Patent Application Number(s) Patent Number (S) Patent Number(s) Patent Number PCT PCT PCT PCT PCT PCT PCT PCT	Address (line 1)	Apple Computer, Inc.			
Pages Enter the total number of pages of the attached conveyance document including any attachments. Application Number(s) or Patent Number(s)	Address (line 2)	1 Infinite Loop			
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Enter PCT application number only if a U.S. Application Number PCT	If this document i signed by the first	s being filed together with a <u>nd</u> st named executing inventor.	ew Patent Application, enter th	ne date the patent application	on was Month Day Year
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Method of Payment: Deposit Account (Enter for payment by deposit account or if additional fees: an be charged to the account.) Deposit Account Number: Authorization to charge additional fees: Authorization to charge additional fees: 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. Charges to deposit account are authorized, as indicated herein. Nancy R. Simon (#36,930)	Number of F	Enter	the total number of prop	perties involved. #	į n
Deposit Account (Enter for payment by deposit account or if additional fees: an be charged to the account.) Deposit Account Number: # C1-0495 Authorization to charge additional fees: Ves No Statement and Signature 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. Charges to deposit account are authorized, as indicated herein. Nancy R. Simon (#36,930)	Fee Amount	Fee An	nount for Properties List	ed (37 CFR 3.41): \$	40.00
Deposit Account Number: # C1-0495 Authorization to charge additional fees: Yes No Statement and Signature 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. Charges to deposit account are authorized, as indicated herein. Nancy R. Simon (#36,930)	Deposit	Account			
Statement and Signature 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. Charges to deposit account are authorized, as indicated herein. Nancy R. Simon (#36,930)	(Enter 10)	payment by deposit account t			‡ 01-0495
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. Charges to deposit account are authorized, as indicated herein. Nancy R. Simon (#36,930)			Authorization to chai	rge additional fees:	Yes X No
Alamos (B) a true copy of the original document. Charges to deposit account are authorized, as indicated herein. Nancy R. Simon (#36,930)	Statement a	nd Signature			
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Name of Person Signing Signature Date	Nancy R	l Simon (#36,930)	I kins &	Similar	14.5
	Name	of Person Signing	≸igna	ture	Date

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Conveying Pa	rty(ies)	Mark if additio	nal names of conveying	parties attached	Eve when Date
Enter additional Co	onveying Parties				Execution Date Month Day Year
Name (line 1) Dar	niel J. Coster				11/18/98
Name (line 2)					
L					Execution Date Month Day Year
Name (line 1) Chr	istopher J. Stringer				11/23/98
Name (line 2)					
					Execution Date Month Day Year
Name (line 1) Da	niele De Iuliis				11/19/93
Name (line 2)					
Receiving Par	rty(ies)		Mark if additional names	of receiving partie	s attacher
	Receiving Party(ies)			3	
Name (line 1)					If document to be recorded is an assignment and the
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Enter additional C	onveying Parties						Day Yea
Name (line 1) Ba	rtley K. Andre					12/2/93	
Name (line 2)							ution Date
Name (line 1)	chard P. Howarth					Month 12/2/9러	
Name (line 2)						Exec	oution Date Day Year
Name (line 1) Do	ouglas B. Satzger					11/19/58	
Name (line 2)							
Receiving Pa	rty(ies)		M	ark if additional na	mes of receiving	parties attached	
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Address (line 2)						Assignme	nt.)
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Enter additional Co	onveying Parties		Í		Execution Date Month Day Year
Name (line 1) Mar	rc J. van de Loo				12/2/98
Name (line 2)					Execution Date Month Day Year
Name (line 1)					month bay rea
Name (line 2)					Execution Date
Name (line 1)					Month Day Yea
Name (line 2)					
Receiving Par	rty(ies)		Mark if additional nam	es of receiving partie:	s attached
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Address (line 3)	City		State/Country	Zip Code	e
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Address (line 1)					domestic representative is attached. (Designation must be a separate document from
Address (line 2)					Assignmen(.)
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Docket No.: **P2300**

Patent

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged. We, the undersigned, Steven P. Jobs, Jonathan P. Ive, Daniel J. Coster, Christopher J. Stringer, Daniele De Iuliis, Bartley K. Andre, Richard P. Howarth, Calvin Q. Seid, Douglas B. Satzger, and Marc J. van de Loo do hereby sell, assign, and transfer to: Apple Computer, Inc., a corporation of California, having a principal place of business at Cupertino, California ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent.

which has been executed by the undersigned concurrently herewith,

| X | which was filed on November 3, 1998 and assigned U.S. Serial No. 29/096, 012

and is entitled: CURSOR CONTROL DEVICE

and in and to said application and all divisional, continuing, substitute, renewal, ressue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 1-7-99	Name: <u>Steven P. Jobs</u>	Signature: 2 lbu
Date: $0 + t = 78$	Name:Jonathan P. Ive	Signature:
Date: 4 9 y	Name: <u>Daniel J. Coster</u>	Signature:
Date: _///23/98	Name: Christopher J. Stringer	Signature:
Date:	Name: <u>Daniele De Iul</u> vis	Signature:
Date:	Name: Bartley K. Andre	Signature:

ASSIGN.REV.3.96 nlg

Patent Docket No.: P2300

<u>ASSIGNMENT</u>

Date: 12 · 2 · 98 Signature: Name: Richard P. Howarth Signature: Date: 1 4 Y Name: Calvin Q. Seid Signature: _ Name: Douglas B. Satzger Name: Marc J. van de Loo

Signature: _

ASSIGN.REV.3.96.nlg

Docket No.: P2300 Patent

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged. We the undersigned. Steven P. Jobs, Jonathan P. Ive, Daniel J. Coster, Christopher J. Stringer, Daniele De Iuliis, Bartley K. Andre, Richard P. Howarth, Calvin Q. Seid, Douglas B. Satzger, and Marc J. van de Loo do hereby sell, assign, and transfer to: Apple Computer, Inc., a corporation of California, having a principal place of business at Cupertino, California ("Assignee"), its successors assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent.

[]	which has been executed by the undersigned concurrently herewith
[X]	which was filed on November 3, 1998 and assigned U.S. Serial No.

and is entitled: CURSOR CONTROL DEVICE

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	Name: Steven P. Jobs	Signature:
Date:	Name: Jonathan P. Ive	Signature:
Date:	Name: Daniel J. Coster	Signature:
Date:	Name: Christopher J. Stringer	Signature:
Date:	Name: Daniele De Iuliis	Signature:
Date:	Name: Bartley K. Andre	Signature:

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Docket No.: **P2300**

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Date: Name: Calvin Q. Seid Signature:

Date: Name: Douglas B. Satzger Signature:

Date: 12 / 02 / 9 8, Name: Marc J. van de Loo Signature:

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