ASSIGNN



HEET

To: Honorable Commissioner of Patents and Trademarks:

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ro. ric			hed original docum		copy thereof		/	100
1.	Name	of conveying pa	rty(ies)					
	a) b) c) d) e) f)	Bartley K. AN Daniel J. COS Daniele De IU Richard P. HO Jonathan P. IV Steve JOBS	STER JLIIS DWARTH		g) h) i) j) k) l)	Douglas B. S Calvin Q. Sl Christopher	an ROHRBA SATZGER	E R
2.	Name a)	and address of r Name: Address:	Apple Computer Infinite Loop Cupertino, CA	, Inc.		45) 18 (1	773731	
3.	Nature	Assignment Security Agre Other			Merger Change of Na License Agree		JAN 10	2002
			0/17/01; b) 10/17/0 (01; i) 10/17/01; j) 1				/01; f) 10/31/	/01;
4.	The tit	cation Number(s ele of the (new) a PUTING DEVIO		c(s): 29/1	45,501			
5.	Please	send all corresp	ondence concerning	g this (the	ese) documen	nts to:		
			Beyer Weaver & P.O. Box 778 Berkeley, CA 94 Ph: (650) 961-83 Fax: (650) 961-8	4704-077 300				
6.	Total 1	number of appli	cations and patents	involved	: 1			
7.	Total i	fee (37 CFR 3.4	1): \$40.00					
	\boxtimes	Enclosed Any additiona (Order No. Al	l fees are authorize PL1D216)	d to be cl	narged to De	posit Account l	No. 500388	
8. copy is		best of my kno- copy of the origi	wledge and belief, t nal document.	he forego	oing informat	ion is true and	correct and a	ny attached
Date:	Noven	nber 5, 2001		C. A	Vani	From		
8/2002 TDIA	<u>7</u> 1 000	00013 29145501	1		lass Thomas tion No. 32,9	947		

Attorney Docket No. APL1D2/16/P2703

01 FC:581

(Revised 01/96)

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

COMPUTING DEVICE					
(Atty. Docket No. APL1D216/P2703), (check one)					
☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying) ☑ which bears U.S. application No. 29/145,501. (Not accompanying) ☐ which is a U.S. provisional application. (Accompanying)					
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:					
1) Sell, assign and transfer to Apple Computer, Inc., a California corporation having a place of business at 1 Infinite Loop, Cupertino, CA 95014("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.					
2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.					
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.					
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.					
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.					
6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.					
Signed on the date indicated beside my signature. 1) Signature: Typed Name: Bartley K. Andre					
2) Signature: Date: Date:					
3) Signature: Daniele De Juliis Date: 0 17-01					

APL1D216/P2703

(Continued)

Page 1

29/145,501

4)	Signature: Typed Name:	Richard P. Flowarth	Date:	10-17-01
5)	Signature: Typed Name:	Jonathan P. lve	Dale:	10-18-0
6)	Signature: Typed Name:	Steve Jobs	Date:	
7)	Signature: Typed Name:	Duncan Robert Kerr	Date:	10/17/01
8)	Signature: — Typed Name:	Matthew Dean Rohrbach	Date:	10.17.01
9)	Signature: Typed Name:	Douglas B. Satzge	Date:	10.17.01
10) Signature: Typed Name:	Calvin Q. Seid	Date:	10.12.4
11) Signature: Typed Name:	Christopher J. Stringer	Date:	10.17.01

Date: 10.17.01

12) Signature: Typed Name:

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

COMPUTING DEVICE

(Atty. Docket)	No. APL1D216/P2703), (check one)	
🔯 whi		No. 29/145,501. (Not accomp	ven date herewith. (Accompanying) panying)
	od and valuable considera , l an undersigned invento	tion, the receipt and sufficient thereby:	ency of which is hereby
business at 1 Is in any and all:	nfinite Loop, Cupertino, C mprovements and inventi	CA 95014("ASSIGNEE"),	nia corporation having a place of the entire right, title and interest ons based upon, and patents pon, the above-referenced
resulting from			e any and all Letters Patents itute, renewal, re-examination or
perform any acapplication, as	its which are reasonably n	ecessary in connection with dications thereof, foreign a	the ASSIGNEE's expense, h the prosecution of said applications based thereon, and/or
the ASSIGNE	E, its successors, assigns a		nment shall inure to the benefit of ve, and shall be binding upon the ssigns.
	it and represent that I have derstanding that conflicts	not entered, and will not ewith this assignment.	enter into any assignment,
	ize and request my attornoof this assignment.	ey/agent to insert above the	e application No. in order to assist
Signed	on the date indicated besi	de my signature.	
1) Signate Typed N			Date:
2) Signati Typed N			Date:
 Signat Typed 1 			Date:
(Continued)			
APL1D216/P2703		Page 1	29/145,501

PATENT REEL: 012469 FRAME: 0320

4)	Signature: Typed Name:	Richard P. Howarth	Date:	
5)	Signature: Typed Name:	Jonathan P. lve	Date:	
6)	Signature: Typed Name:	Steve Jobs	Date:	10/31/01
7)	Signature: Typed Name:	Duncan Robert Kerr	Date:	
8)	Signature: Typed Name:	Matthew Dean Rohrbach	Date:	
9)	Signature: Typed Name:	Douglas B. Satzger	Date:	
10)	Signature: Typed Name:	Calvin Q. Seid	Date:	
11)	Signature: Typed Name:	Christopher J. Stringer	Date:	
12)	Signature: Typed Name:	Eugene Anthony Whang	Date:	

APL/ID216/P2703

RECORDED: 01/10/2002

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PATENT REEL: 012469 FRAME: 0321