### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Fletcher R. Rothkopf	08/17/2010
Phillip M. Hobson	08/16/2010
Adam Mittleman	08/16/2010
Anna-Katrina Shedletsky	08/17/2010

#### RECEIVING PARTY DATA

Name:	Apple Inc.
Street Address:	1 Infinite Loop
City:	Cupertino
State/Country:	CALIFORNIA
Postal Code:	95014

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12859702

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ATTORNEY DOCKET NUMBER: APL1P713

NAME OF SUBMITTER: David P. Olynick

Total Attachments: 4

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PATENT REEL: 024907 FRAME: 0134 12859702

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> PATENT REEL: 024907 FRAME: 0135

# ASSIGNMENT OF PATENT APPLICATION

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

## INTERNAL FRAME OPTIMIZED FOR STIFFNESS AND HEAT TRANSFER

			THE RESERVE AND A STATE OF THE PARTY OF THE
(Atty	. Docket No.	APL1P713/P9302US1), (check one)	
	for whice which be which is	h I have executed a U.S. patent application cars U.S. application No. 12/859,702 a U.S. provisional application. (Accompanyin	on even date herewith. (Accompanying) (Not accompanying) g)
ackn	For good an owledged, I, an	d valuable consideration, the receipt and sur a undersigned inventor, hereby:	fficiency of which is hereby
all in	inite Loop, Cup aprovements ar	and transfer to Apple Inc., a California corporation, CA 95014 ("ASSIGNEE"), the entind inventions disclosed in, applications base patents and the right to claim priority), the above the content of the	ire right, title and interest in any and
2) resul reissa	Authorize ar ting from said a ue thereof to the	nd request the Commissioner of Patents to is application or any division, continuation, sue ASSIGNEE.	ssue any and all United States Patents bstitute, renewal, re-examination or
appli	rm any acts wh cation, as well	ecute all papers and documents and, entirely tich are reasonably necessary in connection as any derivative applications thereof, foreign patents resulting from such applications.	with the prosecution of said
4) the A inver	SSIGNEE, its s	ne terms, covenants and conditions of this as successors, assigns and other legal represent the inventor's heirs, legal representatives an	tatives, and shall be binding upon the
5) or un:	Warrant and derstanding tha	represent that I have not entered and will not conflicts with this assignment.	ot enter into any assignment, contract
6) with :	Authorize and ecordal of this	d request my attorney/agent to insert above assignment.	the application No. in order to assist
	Signed on the	e date indicated beside my signature.	
1)	Signature: Typed Name:	Fletcher R. Rothkopf	Date: 8/14/10
2)	Signature: Typed Name:	Phillip M. Hobson	Date:
3)	Signature: Typed Name:	Adam Mittleman	Date:

Atty Decket No.: APL1P713/P9302US1

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PATENT REEL: 024907 FRAME: 0136 4) Signature: Anna-Katrina Shedletsky Date: 8/17/10

Typed Name: Anna-Katrina Shedletsky

Atty Docket No.: APLIP713/P9302US1

## ASSIGNMENT OF PATENT APPLICATION

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

INIEKIVAL	FRANE OF HIN	IIZED FOR STIFT	iness and i	ILAI IKANSPEK
(Atty. Docket No. A	.PL1P713/P9302U	S1), (check one)		
which bea	ars U.S. application	U.S. patent applicate No. 12/859,70 application. (Accomp	2 (Not acco	te herewith. (Accompanying) mpanying)
For good and acknowledged, I, an		ation, the receipt and tor, hereby:	d sufficiency o	f which is hereby
1 Infinite Loop, Cupe	ertino, CA 95014 (dinventions disclo	("ASSIGNEE"), the sed in, applications	e entire right, ti based upon, ar	ving a place of business at tle and interest in any and ad patents granted upon enced application.
	pplication or any d			nd all United States Patents enewal, re-examination or
perform any acts whi	ich are reasonably i is any derivative ap	necessary in connec oplications thereof, t	tion with the p foreign applica	SIGNEE's expense, rosecution of said tions based thereon, and/or
	uccessors, assigns	and other legal repr	esentatives, an	shall inure to the benefit o d shall be binding upon the
5) Warrant and a or understanding that			vill not enter in	to any assignment, contrac
6) Authorize and with recordal of this		ey/agent to insert a	bove the applic	eation No. in order to assist
Signed on the	date indicated bes	side my signature.		
1) Signature: Typed Name:	Fletcher R. Rothkop	feller 1	Date:	
2) Signature: Typed Name:	Phillip M. Hobson	100 hm	Date:	3.16/10
3) Signature: Typed Name:	Man 9	Milen	Date:	16 August 2010

Atty Docket No.: APL1P713/P9302US1 Page 1 of 2

4)	Signature:	Signature:		
	Typed Name:	Anna-Katrina Shedletsky		

Atty Docket No.: APL1P713/P9302US1

**RECORDED: 08/30/2010** 

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