

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2971970

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEC CORPORATION	06/08/2012
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 37	
Property Type	Number
Patent Number:	6373450
Patent Number:	5861818
Patent Number:	6208861
Patent Number:	6044250
Patent Number:	5960326
Patent Number:	5973615
Patent Number:	6453172
Patent Number:	6552651
Patent Number:	6415159
Patent Number:	6384827
Patent Number:	6567674
Patent Number:	6334090
Patent Number:	7024697
Patent Number:	6944287
Patent Number:	6542113
Patent Number:	7162255
Patent Number:	7519377
Patent Number:	6894679
Patent Number:	6973319
Patent Number:	7177873
Patent Number:	7039427

PATENT

Property Type	Number
Patent Number:	6714864
Patent Number:	6993350
Patent Number:	7092704
Patent Number:	7171233
Patent Number:	7450664
Patent Number:	7231179
Patent Number:	7221385
Patent Number:	7197300
Patent Number:	7152015
Patent Number:	7522192
Patent Number:	7233784
Patent Number:	7259311
Patent Number:	7487042
Patent Number:	7493139
Patent Number:	8160622
Application Number:	13315013

CORRESPONDENCE DATA

Fax Number: (703)739-2815

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: iprecordals@cpaglobal.com

Correspondent Name: CPA GLOBAL LIMITED

Address Line 1: LIBERATION HOUSE

Address Line 2: CASTLE STREET

Address Line 4: ST HELIER, JERSEY JE1 1BL

NAME OF SUBMITTER:	HELEN BIRRELL
SIGNATURE:	/H/BIRRELL/IPR/PS/APPLE-NEC/AG37PT/
DATE SIGNED:	08/07/2014

Total Attachments: 3

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DEED OF ASSIGNMENT

This Assignment is made on June 8, 2012
BETWEEN of

NEC Corporation
7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan

(hereinafter referred to as ASSIGNORS) of one part

AND of

Apple Inc.
1 Infinite Loop, Cupertino, CA 95014, USA
(hereinafter referred to as ASSIGNEES) of the other part

WHEREAS the Assignors are the inventors of the patent/s number/s:

[Please see the attached schedule]

And whereas the Assignors have agreed to assign all its right, title and interest in the said patents to the Assignees upon the terms here in set out.

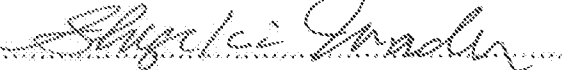
NOW THIS DEED WITNESSETH that in consideration of the sum of €10 now paid by the Assignees to the Assignors (the receipt whereof the Assignors hereby acknowledge) the Assignors do hereby sell, assign, transfer and set over unto the Assignees all their right, title and interest in and to the said inventions and Letters Patent and the sole and exclusive benefits thereof and rights, powers and advantages whatsoever in or in respect of the said inventions and Letters Patent TO HOLD the same unto the Assignees absolutely.

IN WITNESS THEREOF these presents have been executed by the parties, hereto in accordance with their respective constitutions the day the first above written.

EXECUTED at this 17 day of July 2014

On Behalf of the Assignor (NEC Corporation)

by the undersigned authorized officer thereof in the presence of the undersigned competent witness.

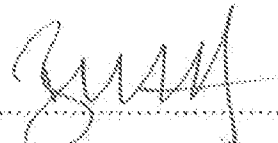
Sign: 

Name: Shigeki Wada
Designation: Department Manager, Development Promotion Department,
Intellectual Property Management Division

EXECUTED at this 24 day of July 2014

On Behalf of the Assignee (Apple Inc.)

by the undersigned authorized officer thereof in the presence of the undersigned competent witness.

Sign: 

Name: BJ Watrous
Designation: Vice President & Chief IP Counsel

PATENT
REEL: 033483 FRAME: 0938

Schedule

Country	Publication Number	IP Grant Number
U.S.A.		6373450B1
U.S.A.		5861818
U.S.A.		6208861B1
U.S.A.		6044250
U.S.A.		5960326
U.S.A.		5973615
U.S.A.		6453172B1
U.S.A.	2002-0113688-A	6552651B2
U.S.A.		6415159
U.S.A.		6384827 B1
U.S.A.		6567674B1
U.S.A.		6334090B1
U.S.A.	2001-0005890-A	7024697B2
U.S.A.	2002-0001381-A	6944287B2
U.S.A.		6542113B2
U.S.A.	2002-0032036-A	7162255B2
U.S.A.	2002-0042281-A	7519377B2
U.S.A.	2002-0057259-A	6894679
U.S.A.	2002-0082766-A	6973319B2
U.S.A.	2002-0143807-A	7177873B2
U.S.A.	2002-0183052-A	7039427B2
U.S.A.	02-0183927	6714864B2
U.S.A.		6993350B2
U.S.A.	2003-010029-A1	7092704B2
U.S.A.	2004/0110531A1	7171233B2
U.S.A.	2004-0034693-A	7450664B2
U.S.A.	2004-0053573-A	7231179B2
U.S.A.	2004-0227810-A	7221385B2
U.S.A.	2004-0252677-A	7197300B2
U.S.A.	2004-0267495-A	7152015B2

PATENT

REEL: 033483 FRAME: 0939

Country	Publication Number	IP Grant Number
U.S.A.	2004-0252677-A	7197300B2
U.S.A.	2004-0267495-A	7152015B2
U.S.A.	2005-0009562-A	7522192B2
U.S.A.	2005-0148319-A	7233784B2
U.S.A.	2005-0211065-A	7259311B2
U.S.A.	2005-0222767-A	7487042B2
U.S.A.	20005/0221771A	7493139B2
U.S.A.	2009-0124283-A	8160622
U.S.A.	2012-0154508-A	