

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Matthew Nicholas Papakipos</td> <td>05/22/2012</td> </tr> <tr> <td>Iain Andrew Russell Proctor</td> <td>05/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Matthew Nicholas Papakipos	05/22/2012	Iain Andrew Russell Proctor	05/17/2012
Name	Execution Date						
Matthew Nicholas Papakipos	05/22/2012						
Iain Andrew Russell Proctor	05/17/2012						
RECEIVING PARTY DATA							
Name:	Facebook, Inc.						
Street Address:	1601 Willow Road						
City:	Menlo Park						
State/Country:	CALIFORNIA						
Postal Code:	94025						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13416975</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13416975		
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Application Number:	13416975						
CORRESPONDENCE DATA							
Fax Number:	2146614613						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	214-953-6500						
Email:	ptomail1@bakerbotts.com						
Correspondent Name:	BAKER BOTTS L.L.P.						
Address Line 1:	2001 Ross Avenue						
Address Line 2:	Suite 600						
Address Line 4:	Dallas, TEXAS 75201-2980						
ATTORNEY DOCKET NUMBER:	079894.0224						
NAME OF SUBMITTER:	Paula Hurley						
Total Attachments: 2 source=Assignment_079894_0224#page1.tif source=Assignment_079894_0224#page2.tif							

CH \$40.00 13416975

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Facebook, Inc., a Delaware corporation, having a place of business at 1601 Willow Road, Menlo Park, CA 94025 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 13/416,975, entitled "Dynamic Duty-Cycling of Processor of Mobile Device Based on Operating Condition of Mobile Device," filed on 09 March 2012.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Title: Dynamic Duty-Cycling of Processor of Mobile Device Based on
Operating Condition of Mobile Device
Filed: 9 March 2012
Application No.: 13/416975

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature



Matthew Nicholas PAKIPOS

Date of Signature



Name and Signature



Lev POPOV

Date of Signature



Name and Signature



Iain Andrew Russell PROCTOR

Date of Signature

5.17.2012