

**RECORDATION FORM COVER SHEET
PATENTS ONLY****CLIENT CODE: APPLE.129A/P7524US1**


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Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation)-Document ID# _____ <input type="checkbox"/> Correction of PTO Error - Reel # _____ Frame # _____ <input type="checkbox"/> Corrective Document - Reel # _____ Frame # _____	Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>8/31/09; 8/26/09; 8/26/09</u>
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Conveying Party(ies) HYUNG-NAM CHOI (Exc. Date: 8/31/09) MAIK BIENAS (Exc. Date: 8/26/09) ACHIM LUFT (Exc. Date: 8/26/09) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Receiving Party(ies) Name: APPLE INC. Address: 1 Infinite Loop, M/S 40-PAT, Cupertino, CA 95014 Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Application Number(s) or Patent Number(s) <input type="checkbox"/> Application filed herewith <input checked="" type="checkbox"/> Patent Application No(s): 12/496,550 <input type="checkbox"/> Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Correspondent Name and Address Name: Robert F. Gazdzinski, Esq. Internal Address: GAZDZINSKI & ASSOCIATES, PC Street Address: 11440 West Bernardo Court, Suite 375 City: San Diego State: CA ZIP: 92127 Telephone: (858) 675-1670	Fee Amount (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Please charge our Deposit Account No. 501423 for any required fees.
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Number of Properties Enter the total number of properties involved: (1)
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. <div style="display: flex; justify-content: space-between;"><div>Robert F. Gazdzinski Name of Person Signing</div><div style="text-align: center;"> Robert F. Gazdzinski; Reg. No. 39,990</div><div>September 17, 2009 Date</div></div>

Pages Enter the total number of pages of the conveyance document including any attachments: (2)
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PATENT
REEL: 023250 FRAME: 0262

Application No.: 12/496,550
Filing Date: July 1, 2009

PATENT
Docket: APPLE.129A/P7524US1
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ASSIGNMENT

WHEREAS, We, **HYUNG-NAM CHOI**, a citizen of Germany, residing at Amrumer Knick 11, 22117 Hamburg, Germany; **MAIK BIENAS**, a citizen of Germany, residing at Kroegerstr. 44, 38126 Braunschweig, Germany; and **ACHIM LUFT**, a citizen of Germany, residing at Malbaumstr. 7H, 38118 Braunschweig, Germany; have invented certain new and useful improvements in a **METHODS AND APPARATUS FOR OPTIMIZATION OF FEMTOCELL NETWORK MANAGEMENT** for which we have filed an application for Letters Patent on July 1, 2009 in the United States, Application No. 12/496,550;

AND WHEREAS, **APPLE INC.** (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at 1 Infinite Loop, Cupertino, CA 95014, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

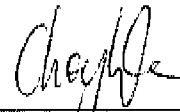
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Application No.: 12/496,550
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ASSIGNMENT

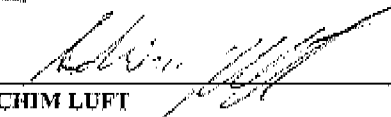
Executed this 31st day of August 2009


HYUNG-NAM CHOI

Executed this 26th day of August 2009


MAIK BIENAS

Executed this 26th day of August 2009


ACHIM LUFT