PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ILKKA HUSGAFVEL	03/17/2015
SAWA TANAKA	03/17/2015
HEIKKI KANGASMAA	03/25/2015
TEEMU PELTOLA	03/31/2015

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29522507

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 2028243000

Email: BWPTOPAT@BANNERWITCOFF.COM

Correspondent Name: BANNER & WITCOFF, LTD Address Line 1: 1100 13TH STREET, NW

Address Line 2: SUITE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	016089.06097
NAME OF SUBMITTER:	DARRELL G. MOTTLEY
SIGNATURE:	/Darrell G. Mottley/
DATE SIGNED:	03/31/2015

Total Attachments: 4

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	sgafvel ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed a patent application entitled 'HANDSET' ('APPLICATION'), which:
X	will be filed without this executed PATENT ASSIGNMENT.
Access	ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-4051, who are associated with customer number 28319, to insert here in parenthesis (U.S. Serial No
	was filed on , and was given U.S. Serial No:
3000000 3000000 3000000000000000000000	is filed concurrently herewith;
and assigns ('ASS rights, title and into and patents derive territories, and all For good a the ASSIGNOR, the	Corporation, a Washington Corporation, on behalf of itself and its successors (IGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive erest in the INVENTION and the APPLICATION (and all other applications ed therefrom, such as continuing applications, in and for the United States, its foreign countries ('APPLICATION DERIVATIVES')); and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the
APPLICATION DE	··
and prosecution o regarding letters p	R agrees to execute all instruments and documents required for the making f the APPLICATION (and APPLICATION DERIVATIVES), for litigation atent derived therefrom, and for the purpose of protecting and perfecting title ON (and APPLICATION DERIVATIVES).
17.3.2015	

Ilkka Husgafvel

DATE

and/or claimed in	anaka ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed a patent application entitled 'HANDSET' ('APPLICATION'), which: will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1100 13th Street NW, Suite 1200 Washington, DC 20005-4051, who are associated with customer number 28319, to insert here in parenthesis (U.S. Serial No, filed) this APPLICATION's U.S. Serial Number and filing date, when known;
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17.03.201	5 国中佐和

Sawa Tanaka

DATE

	angasmaa ('ASSIGNOR'), have invented subject matter ('INVENTION') claimed in a patent application entitled 'HANDSET' ('APPLICATION'), which:
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	is filed concurrently herewith;
and assigns ('ASS rights, title and int and patents derive territories, and all	Corporation, a Washington Corporation, on behalf of itself and its successors SIGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive terest in the INVENTION and the APPLICATION (and all other applications ed therefrom, such as continuing applications, in and for the United States, its foreign countries ('APPLICATION DERIVATIVES'));
the ASSIGNOR, t	and valuable consideration, the receipt of which is hereby acknowledged by he ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the ve rights, title and interest in the INVENTION and the APPLICATION (and ERIVATIVES);
and prosecution or regarding letters p	R agrees to execute all instruments and documents required for the making of the APPLICATION (and APPLICATION DERIVATIVES), for litigation patent derived therefrom, and for the purpose of protecting and perfecting title ON (and APPLICATION DERIVATIVES).
3/25/201	5 An Ale
DATE	Heikki Kangasmaa

Heikki Kangasmaa

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APPLICATION DE	Royalives), Ragrees to execute all instruments and documents required for the making
	the APPLICATION (and APPLICATION DERIVATIVES), for litigation
	atent derived therefrom, and for the purpose of protecting and perfecting title
to the APPLICATION	ON (and APPLICATION DERIVATIVES).
31,3,20	15 Sem VIII
DATE	Teemu Peltola

RECORDED: 03/31/2015