

# PCT

## GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s):

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

EPPENAUER, David Bartley  
Assistant Secretary  
MICROSOFT CORPORATION  
One Microsoft Way  
Redmond, WA 98052-6399  
USA

hereby appoint(s) the following person as:

agent

common representative

### Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BANOWSKY, James R.; ALLEN, Michael B.; ANDREWS, David C.; AZURE, Anthony H.; BARKER, Douglas J.; BELUSH, Thomas A.; BRANDT Carl L.; BOELITZ, Carole A.; CHATTERJEE, Aaron C.; CHEN, Wei-Chen Nicholas; DRAKOS, Katherine J.; EPPENAUER, David Bartley; EVANS, Patrick W.J.; FASHOKUN, Folashade A.; FRANCISSEN, Vernon W.; GABRYJELSKI, Henry P.; GOLDSMITH, Micah P.; HASLAM, Brian D.; HOLMES, Danielle J.; HWANG, William C.; JOHNSON, William G.; JONES, Lucinda A.; KIM, Sung T.; NGUYEN, Holly L.; REAM, Michael David; RIETH, Damon A.; ROSS, James M.; SANDERS, Andrew B.; SHIGETA, Scott Y.; SMITH, Leonard; SPELLMAN, Steven J.; SULLIVAN, Kevin Barry; TAPIA, Pablo E.; WEBSTER, Bryan E.; WERESH, John A.; WIGHT, Stephen A.; WONG, Thomas S.; YEE, Judy M. - MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, USA

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the Authority specified for supplementary search: \_\_\_\_\_  
(please indicate the Authority(ies) specified for supplementary search)

the International Preliminary Examining Authority only

in connection with any and all international applications filed by the undersigned with the following Office:

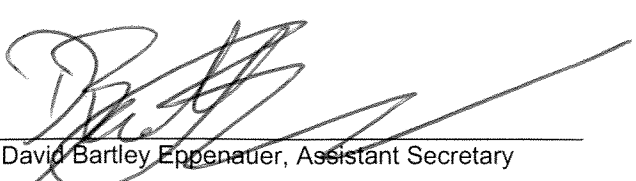
United States

as receiving Office

and to make or receive payments on behalf of the undersigned.

**Signature(s)** (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):

MICROSOFT CORPORATION

By:  David Bartley Eppenauer, Assistant Secretary

Date: September 21, 2012