PATENT RE(COVI

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Attorney Docket No.

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 2. Name and address of receiving Name of conveying party(ies): (1) Don Kadyk party(ies): (2) Vinay Deo Name: Microsoft Corporation (3) Michael J. O'Leary Additional name(s) of conveying party(ies) Internal Address: ___ attached? [] Yes [X] No Street Address: One Microsoft Way 3. Nature of Conveyance: City Redmond State WA ZIP 98052 [X] Assignment [] Merger [] Security Agreement [] Other _ [] Change of Name Additional name(s) & address(es) attached? [] Yes [X] No Execution Date: October 28, 1998 and November 3, 4B. Patent No.(s) 4A. Application No.(s) Additional numbers attached? If this document is being filed together with a new application, the execution date(s) of the [] Yes [] No application is: October 28, 1998 and November 3, Additional numbers attached? [] Yes [X] No 6. Total number of applications and 5. Name and address of party to whom correspatents involved: [1] pondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):....\$ 40.00 Name: Joseph R. Kelly Street Address: Westman, Champlin & Kelly, P.A Suite 1600 International Centre 8. Method of Payment 900 Second Avenue South [X] Enclosed City: Minneapolis State: MN ZIP 55402 [X] The Commissioner is authorized to charge payment of any additional recording fees or credit any 11/17/1996 JSHRBRZZ 00000044 09188755 overpayment to deposit account No. 23-1123. FC:561 40.00 OP DO NOT USE THIS SPACE 9. 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. Joseph R. Kelly Name of Person Signing Total number of pages submitted: [4] Signature

> PATENT REEL: 9575 FRAME: 0658

ASSIGNMENT

M61.12-0086

WHEREAS, we, Don Kadyk, Vinay Deo and Michael J. O'Leary (hereinafter referred to as ASSIGNORS), having post office addresses of 20022 - 34th Avenue SE, Bothell, Washington 98012, 16732 NE 35th Street, Bellevue, Washington 98008 and 22823 NE 54th Street, Redmond, Washington 98053, respectively, are the joint inventors of an invention entitled "ERROR CORRECTION ON A MOBILE DEVICE," as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and

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Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, litigation regarding said letters patent, or for the purpose of protecting title to said invention or Vetters patent/therefor. STATE OF WASHINGTON) COUNTY OF KING ss. Subscribed and sworn to before me, a Notary Public, this 28 day of October, 1998. (SEAL) STATE OF WASHINGTON) SS. COUNTY OF KING Subscribed and sworn to before me, a Notary Public, this 3 day of ________, 19 98. (SEAL)

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ss.

STATE OF WASHINGTON) COUNTY OF KING

Subscribed and sworn to before me, a Notary Public, this day of <u>November</u>, 19<u>78</u>.

(SEAL)

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