(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 January 2007 (18.01.2007)

PCT

(10) International Publication Number
WO 2007/008877 A3

(51) International Patent Classification:
G06F 3/048 (2006.01)

(21) International Application Number:
PCT/US2006/026854

(22) International Filing Date: 10 July 2006 (10.07.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/179,804 13 July 2005 (13.07.2005) US

(71) Applicant *(for all designated States except US)*: **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, Washington 98052-6399 (US).

(72) Inventors: **CUMMINS, Charles**; One Microsoft Way, Redmond, Washington 98052-6399 (US). **VAN DOK, Cornelis, K.**; One Microsoft Way, Redmond, Washington 98052-6399 (US). **DE VORCHIK, David, G.**; One Microsoft Way, Redmond, Washington 98052-6399 (US). **HOEFNAGELS, Stephan**; One Microsoft Way, Redmond, Washington 98052-6399 (US). **MCKEE, Timothy, P.**; One Microsoft Way, Redmond, Washington 98052-6399 (US). **BEAM, Tyler, K.**; One Microsoft Way, Redmond, Washington 98052-6399 (US).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: RICH DRAG DROP USER INTERFACE

Selected Object	Target Object					
	Folder (same volume)	Folder (different volume)	List (same volume)	List (different volume)	Persisted Auto-List (same scope)	Persisted Auto-List (different scope)
Item	Move	Copy	Add a shortcut to List	Add a shortcut to List	Set Properties	Copy + Set Properties
Multi-select Items	Move	Copy	Add a shortcut to List	Add a shortcut to List	Set Properties	Copy + Set Properties
Folder	Move	Copy	Add a shortcut to List	Add a shortcut to List	Set properties to the items in the Folder's item domain	Copy folder tree + Set Properties to the folder's item domain
List	Move	Copy List	Add a shortcut to List	Add a shortcut to List	Set Properties on the Items the List references	Copy List + Copy Items into Scope + Set Properties on the Items the List references
Persisted Auto-List	Move	Copy Auto-List	Add a shortcut to List	Add a shortcut to List	Set Properties on the Auto-List results	Copy Auto-List + Auto-List results + Set Properties, on the Auto-List results
Stack	Move	Copy	Add a shortcut to List	Add a shortcut to List	Set properties on the Stack contents	Copy Stack + Stack Contents + Set Properties, on the Stack contents

(57) Abstract: In an electronic file system, preview information is provided to the user during a drag operation of a selected object onto a target object. The information indicates what type(s) of action is to be taken should the selected object be dropped onto the target object. The action(s) to be taken may depend upon the type of the selected object and/or the type of the target object. For example, where the selected object is an item and the target object is a persisted auto-list, the action may include adding, removing, or modifying one or more properties of the selected object to conform to one or more criteria defined by the persisted auto-list. Also, numerical feedback may be provided to the user where multiple objects are selected. For example, where seven objects are selected, the textual number "7" may appear next to the cursor.

WO 2007/008877 A3

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report*

(88) Date of publication of the international search report:
3 January 2008

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.