FORM	4 PTO-1595	REC(	3-28-2003	THE DEDARDE JEVE OF COMMENDS
FORM	M P10-1595	RECC IIIIII		U.S. DEPARTMENT OF COMMERC PATENT AND TRADEMARK OFFIC
To th	he Honorable Commission	er for Paten	02403015	
Pleas	se record the attached orig	inal document groupy t	hereof.	
1.	Name of conveying party(ies):	10. 3	2. Name and ac	ddress of receiving party(ies):
	1) Jian Wang	MAR 1 9 2003 13	Name:	G i
	<ul><li>2) Yingnong Dang</li><li>3) Jiang Wu</li></ul>			Corporation
	4) Xiaoxu Ma	TRADEMAN	Internal Add	ress:
Addit	tional name(s) of conveying party		NO Street Addre	SS:
3.	Nature of conveyance:		One Micro	
		☐ Merger	City:	Redmond
	☐ Security Agreement	☐ Change of Name		Zip Code: 98052
	[] Other			·
				name(s) & address(es) attached? TVFS MNC
4.	Execution Date: March 1  Application number(s) or patent	number(s): ogether with a new application 10/284,451	n, the execution date of the applicati	l name(s) & address(es) attached? ☐YES ☑NO
4.	Application number(s) or patent If this document is being filed to A. Patent Application No.(s	number(s): ogether with a new application ): 10/284,451 ig date)	n, the execution date of the applicati  B. Patent	ion is: t No.(s):
<ol> <li>4.</li> <li>5.</li> </ol>	Application number(s) or patent If this document is being filed to  A. Patent Application No.(s) (include series code or and	number(s): ogether with a new application 10/284,451 og date)  numbers attached?	B. Patent  S NO  ing 6. Total number of	t No.(s):
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No	
Filing Date	October 31, 2002
Inventorship	
Applicant	
Attorney's Docket No	
MS Docket No	

Title: PASSIVE EMBEDDED INTERACTION CODE

### **PATENT ASSIGNMENT**

#### PARTIES TO THE ASSIGNMENT

Assignor(s):

Jian Wang c/o Microsoft Research Asia 5F, Beijing Sigma Center No. 49 Zhichun Road, Haidian District Beijing 100080, P.R. China

Yingnong Dang c/o Microsoft Research Asia 5F, Beijing Sigma Center No. 49 Zhichun Road, Haidian District Beijing 100080, P.R. China

Jiang Wu c/o Microsoft Research Asia 5F, Beijing Sigma Center No. 49 Zhichun Road, Haidian District Beijing 100080, P.R. China

Xiaoxu Ma c/o Microsoft Research Asia 5F, Beijing Sigma Center No. 49 Zhichun Road, Haidian District Beijing 100080, P.R. China

Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "PASSIVE EMBEDDED INTERACTION CODE" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, ASSIGNOR(S) hereby sell, assign and transfer unto 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 and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

2013-3-12

Jian Wang

Yingnong Dang

2003-3-12

Date

Date

2003.3.12

Date

Jiang Wu

Xiaovu Ma

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	
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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto 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 and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) 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, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date	Jian Wang	
Date	Yingnong Dang	
3/12/2003	Jiang Wu Jiang Wu	
Date	Jiang Wd	
Date	Xiaoxu Ma	

**RECORDED: 03/18/2003**