

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Antonio Criminisi</td> <td>06/12/2012</td> </tr> <tr> <td>Jamie Daniel Joseph Shotton</td> <td>06/12/2012</td> </tr> <tr> <td>Ender Konukoglu</td> <td>06/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Antonio Criminisi	06/12/2012	Jamie Daniel Joseph Shotton	06/12/2012	Ender Konukoglu	06/13/2012
Name	Execution Date								
Antonio Criminisi	06/12/2012								
Jamie Daniel Joseph Shotton	06/12/2012								
Ender Konukoglu	06/13/2012								
RECEIVING PARTY DATA									
Name:	Microsoft Corporation								
Street Address:	One Microsoft Way								
City:	Redmond								
State/Country:	WASHINGTON								
Postal Code:	98052								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13528866</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13528866				
Property Type	Number								
Application Number:	13528866								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	425-882-8080								
Email:	mkey@zetelaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	MICROSOFT CORPORATION								
Address Line 1:	ONE MICROSOFT WAY								
Address Line 4:	REDMOND, WASHINGTON 98052								
ATTORNEY DOCKET NUMBER:	335227.01								
NAME OF SUBMITTER:	MacLane C. Key								
Total Attachments: 2 source=335227_01_Assignment#page1.tif source=335227_01_Assignment#page2.tif									

OP \$40.00 13528866

I/WE, Antonio CRIMINISI, Jamie Daniel Joseph SHOTTON, and Ender KONUKOGLU ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Density Estimation and/or Manifold Learning" ("APPLICATION"), which:

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/528,866, filed 6-21-12) this APPLICATION's Application No. and filing date, when known;

was filed on _____ and was given Application No. _____;

is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

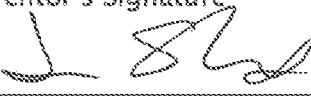
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

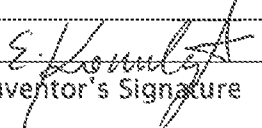
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	Date
<i>A. Criminisi</i>	12/6/2012
Printed Name in English	Printed Name in Native Language (if other than English)
Antonio CRIMINISI	A. CRIMINISI

PATENT ASSIGNMENT

MS Docket No.: 335227.01

Inventor's Signature 	Date 12/6/12
Printed Name in English Jamie Daniel Joseph SHOTTON	Printed Name in Native Language (if other than English)

Inventor's Signature 	Date 13/02/12
Printed Name in English ENDER KONUKOGLU	Printed Name in Native Language (if other than English) Ender Konukoglu