

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4222769

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	AMITABH KUMAR SINGHAL	03/04/2005
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<b>City:</b>	NEW YORK	
<b>State/Country:</b>	NEW YORK	
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<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	09740284	
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<b>ATTORNEY DOCKET NUMBER:</b>	2000-0102 11-9	
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<b>SIGNATURE:</b>	/Kirsten Hunter/	
<b>DATE SIGNED:</b>	01/12/2017	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Fernando Carlos Pereira of Westfield in the County of Union County and State of New Jersey, and Amitabh Kumar Singhal of Redwood City in the County of San Mateo County and State of California, hereby sells, assigns and transfers to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

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described in an application for Letters Patent for the United States of America,

☐ for which an application for a United States Patent was executed on \_\_\_\_\_

☒ for which an application for a United States Patent was filed on 12/19/2000 Application Number 09/740284,

and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

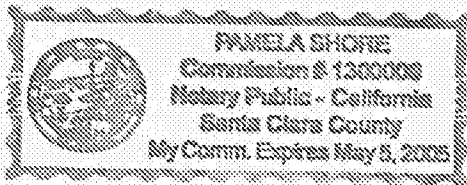
The undersigned agree that, when requested, the undersigned shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Amitabh Kumar Singhal  
Amitabh Kumar Singhal

Date: MARCH 4, 2005  
United States of America  
State of CALIFORNIA  
County of SANTA CLARA

)  
) ss.:  
)

On this 4th day of March, 2005 before me personally came Amitabh Kumar Singhal, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Pamela Shore  
Notary Public

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