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To the Director of the U.S. Patent and Trademark Office: Plea	se record the attached documents or the new (address(es) below.	
Andrew W. Lang Paul Thomas McNamara Muneyb Minhazuddin David Preshan Thambiratnam Execution Date(s) 6/14/06; 7/4/06; 6/19/06; and 6/14/06 Additional name(s) of conveying party(ies)attached? Yes No 3. Nature of conveyance: Assignment	2. Name and address of receiving party(ies): Name: Avaya Technology LLC Internal Address: 500 Street Address: 211 Mount Airy Road City: Basking Ridge State: NJ Country: U.S.A. Zip: 07920 Additional name(s) & Address(es) attached? Yes No	
Other		
4. Application or patent number(s): ☐ T	his document is being filed together with a new application.	
A. Patent Application No.(s) Not yet assigned	B. Patent No.(s) 11/487084	
Additional numbers att	ached? □ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Douglas W. Swartz SHERIDAN ROSS P.C. 1560 Broadway, Suite 1200 Denver, CO 80202-5145 Phone: (303) 863-9700 Fax: (303) 863-0223	7. Total fee (37 CFR 1.21(h) & 3.41)\$ 40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account	
	8. Deposit Account Number: \$50-1602	
	(Attach duplicate copy of this page if paying by deposis account)	
true copy of the original document. Douglas W. Swartz	information is true and correct and any attacher is a July 13 7506 nature D	
Total number of pages including cover	r sheet, attachments, and document: 6	
Documents to be recorded (including cover shee	et) should be faxed to (703) 306-5995, or mailed to	

PATENT REEL: 018068 FRAME: 0509

ASSIGNMENT AND AGREEMENT

For value received, we, Andrew W. Lang of 47A Ross Street, Epping, New South Wales 2121, Australia, Paul Thomas McNamara of 13 Killarney Drive, Killarney Heights, Sydney, New South Wales 2087, Australia, Muneyb Minhazuddin of 9/95, Pye Road, Quakers Hill, New South Wales 2763, Australia, and David Preshan Thambiratnam of 23/105 Alt Street, Ashfield, New South Wales 2131, Australia, hereby sell, assign and transfer to Avaya Technology LLC, a corporation of the State of Delaware, having an office at 211 Mount Airy Road, Basking Ridge, New Jersey 07920, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to THREADING OF MIXED MEDIA described in an application for Letters Patent of the United States, executed by us of even date herewith, 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 we also concurrently hereby sell, assign and transfer to Avaya Technology LLC 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.

We authorize Avaya Technology LLC 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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 Avaya Technology LLC to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Avaya Technology LLC in the United States and in all countries foreign to the United States, or to such nominees as Avaya Technology LLC may designate.

We agree that, when requested, we shall, without charge to Avaya Technology LLC 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.

PATENT REEL: 018068 FRAME: 0510

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Da	te: 14 June 2006 Andrew W. Lang	
Dα	to. The sum of the sum	
Au	stralia)	
Ne	w South Wales)	
DA	On this 14 day of SUNE, 2006, before me personally came Andrew W. Lang, me known to be the individual described in, who provided as identification OFF , expiration date 20 Sucq 2007, who executed the foregoing instrument, and acknowledged execution of the same.	
	Justice of the Peace No. 119336	
Da	te: 4/7/06 Paul Thomas McNamara	
	stralia)) ss. w South Wales)	
VISI	On this 4 day of July, 2006, before me personally came Paul Thomas Namara, to me known to be the individual described in, who provided as identification who executed the foregoing instrument, and acknowledged execution of the same.	
F t	Andrew William Lang A Justice of the Peace in and for he State of New South Wales, Australia 125061	

PATENT REEL: 018068 FRAME: 0511

Atty. Docket No. 4366-329 Avaya Ref. No. 405186-US-NP (Lang)

Date: 19- JUN-06	Muneyb Minhazuddin	
Australia)	SS.	
New South Wales)		
On this 19 th day of June, 2006, before me personally came Muneyb Minhazuddin, to me known to be the individual described in, who provided as identification Passforf, number 14464482, expiration date 22-Aug-3013, and who executed the foregoing instrument, and acknowledged execution of the same.		
Andrew William Lang A Justice of the Peace in and the State of New South Wales 125061		

Atty. Docket No. 4366-329 Avaya Ref. No. 405186-US-NP (Lang)

David Reshan Thambiratnam

Australia

) ss.

New South Wales

On this lu day of _______, 2006, before me personally came David Preshan

Thambiratnam, to me known to be the individual described in, who provided as identification

Array | number | 2 s | 2 s | 2 s | 3 | 2 4 s | 3 | 2 4 s | 3 |

and who executed the foregoing instrument, and acknowledged execution of the same.

Justice of the Peace

Avaya Technology LLC 211 Mount Airy Road Basking Ridge, New Jersey 07920

Andrew William Lang
A Justice of the Peace in and for
the State of New South Wales, Australia
125061

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RECORDED: 07/13/2006