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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONV	EYANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Y DATA				
		Name	Execution Date		
David M Lee			10/31/2002		
Paul Lindars		10/31/2002			
Christopher Ellis Jo	ones	10/31/2002			
James E Flowers		10/31/2002			
Martin P Goetz			10/31/2002		
RECEIVING PARTY	/ DATA				
Name: Clarisay, Inc.					
Street Address:	2626 Howell Street				
Internal Address:	Suite 840				
Dallas					
State/Country:	TEXAS				
Postal Code:					
	ERS TOTAL				
Property Type		Number			
Application Number: 1198		11986788	36788		
	JE DATA				
CORRESPONDEN					
CORRESPONDEN	(650)96	9-8203			
Fax Number:	(650)96	9-8203 Mail when the fax attempt is unsucces.	sful.		
Fax Number:	(650)96	Mail when the fax attempt is unsucces	sful.		
Fax Number: <i>Correspondence wi</i>	(650)96 Ill be sent via US 650969	Mail when the fax attempt is unsucces	sful.		
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam	(650)96 <i>Ill be sent via US</i> 650969 htran@ ne: Hannah	<i>Mail when the fax attempt is unsucces</i> . 8300 imsciences.com i Tran	sful.		
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1:	(650)96 <i>Ill be sent via US</i> 650969 htran@ ne: Hannah 650 Ca	<i>Mail when the fax attempt is unsucces.</i> 8300 imsciences.com i Tran stro Street	sful.		
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	(650)96 <i>Ill be sent via US</i> 650969 htran@ ne: Hannah 650 Cas Suite 22	<i>Mail when the fax attempt is unsucces.</i> 8300 imsciences.com i Tran stro Street 20	sful.		
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1:	(650)96 <i>Ill be sent via US</i> 650969 htran@ ne: Hannah 650 Cas Suite 22	<i>Mail when the fax attempt is unsucces.</i> 8300 imsciences.com i Tran stro Street	sful.		
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	(650)96 Ill be sent via US 650969 htran@ he: Hannah 650 Cas Suite 22 Mounta	<i>Mail when the fax attempt is unsucces.</i> 8300 imsciences.com i Tran stro Street 20	sful.		
Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	(650)96 Ill be sent via US 650969 htran@ he: Hannah 650 Cas Suite 22 Mounta	<i>Mail when the fax attempt is unsucces.</i> 8300 imsciences.com i Tran stro Street 20 in View, CALIFORNIA 94041	PATENT		

PATENT REEL: 021619 FRAME: 0369

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	David M. Lee 5170 Bear Claw Lane Rockwall, Texas 75032	2)	Paul Lindars 6056 East Lovers Lane, #257 Dallas, Texas 75206
3)	Christopher Ellis Jones 1106 Courtside Drive Arlington, Texas 76002	4)	James E. Flowers 4504 Southern Avenue Dallas, Texas 75205
5)	Martin P. Goetz 3425 Amherst Avenue Dallas, Texas 75225		

(hereinafter referred to as Assignors), have invented a certain invention entitled:

METHOD FOR FORMING A MULTI-FREQUENCY SURFACE ACOUSTIC WAVE DEVICE

for which application for Letters Patent in the United States is filed herewith; and

WHEREAS, Clarisay, Inc., a corporation of the State of Delaware, having a place of business at 2626 Howell Street, Suite 840, Dallas, Texas 75204 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as the Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said

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PATENT REEL: 013899 FRAME: 0405

PATENT REEL: 021619 FRAME: 0370 Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Assignors hereby authorize and request the attorneys of record to insert, where indicated above, the application number and filing date of said application when known.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

October 31 1) ,2002 David M. Lee 6ct ber 31, 2002 2) 6 201 Paul Lindars 2002 3) Christopher Ellis Jones 2002 4) in wears James E. Flowers Detaken 31 . 2002 5)

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RECORDED: 11/05/2002

PATENT REEL: 013899 FRAME: 0406

RECORDED: 10/01/2008

PATENT REEL: 021619 FRAME: 0371