PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVE	ANCE: MERGER		
EFFECTIVE DATE:	DATE: 02/01/2012		
CONVEYING PARTY	CONVEYING PARTY DATA		
		Name	Execution Date
KABUSHIKI KAISHA	Name Execution Date KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENYUJO 02/01/2012		
	ΑΤΑ		
Name:	Hayashibara Co	. Ltd.	
Street Address:	675-1, Fujisaki, I		
City:	Okayama-shi, O		
State/Country:	JAPAN		
Postal Code:			
PROPERTY NUMBERS Total: 1			
Property Type Number			
Property Ty	<i>/</i> pe ∥	Number	
Property Ty Application Number:		Number 143296	
Application Number:	13		
Application Number:	DATA	143296	
Application Number: CORRESPONDENCE Fax Number:	13 DATA 202737352	3	
Application Number: CORRESPONDENCE Fax Number:	13 DATA 202737352	443296 3 <i>il when the fax attempt is unsuccessful.</i>	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email:	DATA 202737352 <i>De sent via US Ma</i> 202628519 ering@brov	143296 3 <i>il when the fax attempt is unsuccessful.</i> 7 rdyneimark.com	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	DATA 202737352 De sent via US Ma 202628519 ering@brov Browdy and	143296 3 <i>il when the fax attempt is unsuccessful.</i> 7 /dyneimark.com Neimark, PLLC	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1:	DATA 202737352 De sent via US Ma 202628519 ering@brov Browdy and 1625 K Stree	143296 3 <i>il when the fax attempt is unsuccessful.</i> 7 /dyneimark.com Neimark, PLLC	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	DATA 202737352 the sent via US Ma 202628519 ering@brov Browdy and 1625 K Stre Suite 1100	143296 3 <i>il when the fax attempt is unsuccessful.</i> 7 /dyneimark.com Neimark, PLLC	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA 202737352 De sent via US Ma 202628519 ering@brov Browdy and 1625 K Stre Suite 1100 Washingtor	143296 3 <i>I when the fax attempt is unsuccessful.</i> 7 /dyneimark.com Neimark, PLLC et, N.W.	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA 202737352 202628519 ering@brov Browdy and 1625 K Stre Suite 1100 Washingtor	443296 <i>il when the fax attempt is unsuccessful.</i> 7 /dyneimark.com Neimark, PLLC et, N.W. , DISTRICT OF COLUMBIA 20006	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	DATA 202737352 202628519 ering@brov Browdy and 1625 K Stre Suite 1100 Washingtor	A43296 <i>il when the fax attempt is unsuccessful.</i> <i>r</i> <i>r</i> <i>r</i> <i>r</i> <i>r</i> <i>r</i> <i>r</i> <i>r</i>	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	DATA 202737352 202628519 ering@brov Browdy and 1625 K Stre Suite 1100 Washingtor	443296 <i>il when the fax attempt is unsuccessful.</i> 7 /dyneimark.com Neimark, PLLC et, N.W. , DISTRICT OF COLUMBIA 20006 NISHIMOTO10A Erin D. Geraghty	

Total Attachments: 10 source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page1.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page2.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page3.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page4.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page5.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page6.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page6.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page7.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page8.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page9.tif source=EnglishTrans-FullRegistryRecords-Hayashibaraasfiled#page9.tif

Translation of "CERTIFICATE OF FULL REGISTRY RECORDS" in English 675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan

Hayashibara Co., Ltd.

Corporate Registration/ID Number: 2600-01-005451

Trade Name 林原株式会社(Hayashibara Co., Ltd.)				
	株式会社林原(Hayashibara Co., Ltd.)	Changed on April 1, 1990		
Head Office	2-3, Shimoishii 1-chome, Kita-ku, Okavama- shi, Okayama, Japan	Changed on April 1, 2009		
		Amended on April 9, 2009		
	675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan	Relocated on March 26, 2012		
		Registered on March 30, 2012		
Method of Public Notice	Public notice shall be effected by publication in	the official gazette		
	The company's method of public notice shall be changed on Febreficeted by publication in the official gazette.	Changed on February 3, 2012		
		Registered on February 20, 2012		
Date of the Establishment	July 10, 1932			
Purpose Purpose Purpose Manufactures and sales of products obtained by treating in the starches as main ingredients with micro- chemicals				
	2. Manufactures, purchases, and commissions on processings of starches			
	3. Manufactures of enzymes and enzyme-processed products			
	4. Manufactures of pharmaceuticals, heavy chemicals, and reagents			
	5. Manufactures of electric appliances and medical equipments			
	6. Leases, maintenances, and services of medical equipments			
	7. Trucking businesses, shippings with boats, and port transportation businesses			
	8. Managements of leases of immovable properties and automobile parks			
	9. Managements of sports and entertainment/a	musement places		
	10. Managements of cafeterias, restaurants, ar	10. Managements of cafeterias, restaurants, and cafes		
	11. Managements of tourist facilities, hotels, etc.			
	12. Holdings and sales of shares			
	13. Credit guarantees for subsidiaries and affiliates. pecuniary loans, bill discounts, and purchases of monetary claims			
	14. Sales, leases, maintenances, and services of instruments for research experiments, computers, office appliances such as copying machines, ocean vessels, aircrafts, and yehicles			
	15. All businesses incidental to the preceding items			
	1 Manufactures, purchases, commissions on processings, researches & developments, and sales of products obtained by treating starch syrups, glucose, maltose, and other starches as main ingredients with microorganisms, enzymes, or enzyme-processed products.			
	2 Manufactures, purchases, and commissions on processings of starches 3 Manufactures, purchases, and commissions on processings of enzymes and enzyme-processed products			
	4 Manufactures, purchases, commissions on p developments, and sales of pharmaceuticals, p heavy chemicals, reagents, cosmetics, cosmetic products	harmaceutical materials, quasi-drug		

Corporate Registration/ID Number: 2600-01-005451

		5 Manufactures, purchases, and commissions on processings, researches & developments, and sales of organic-chemical-synthetic products including photosensitizing dyes			
	6 Licensings and purchases/sales of industrial properties relating to the preceding items				
	7 All businesses incidental and related to the	e preceding items			
	Changed on February 3, 2012	Registered on February 20, 2012			
Fotal Number of Shares Authorized	2,000,000				
	400,000	Changed on February 3, 2012			
		Registered on February 20, 2012			
Total Number of Issued Shares, and the Classes of th Shares and the Number of th Shares for Each Class	ne ne Total number of issued shares: <u>2,000,000</u>	L			
		Changed on February 3, 2012			
	Total number of issued shares: <u>0</u>	Registered on February 20, 2012			
	Total number of issued shares: 300,000	Changed on February 3, 2012			
	Total humber of issued shares. 500,000	Registered on February 20, 2012			
Provision to Issue Share Certificates	The company shall issue share certificates with respect to its shares				
		Registered on May 1, 2006 under Ac No. 87 in 2006, Article 136			
	Abolished on February 3, 2012	Registered on February 20, 2012			
Stated Capital	One hundred million ven	Changed on February 3, 2012			
	<u>0 ven</u>	Registered on February 20, 2012			
	Seventy-five hundred million yen	Changed on February 3, 2012			
		Registered on February 20, 2012			
Provision Concerning Restriction on Transfer of	In order to transfer the company's shares, it shall be approved by the board of directors.				
Shares	The approval of the board of directors is required shares through a transfer.	The approval of the board of directors is required in order to acquire the company's shares through a transfer.			
	Changed on February 3, 2012	Registered on February 20, 2012			

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675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan

Hayashibara Co., Ltd.

Corporate Registration/ID Number: 2600-01-005451

Matters Concerning Officers	Director: HAYASHIBARA Ken	Reappointed on January 30, 2008
		Registered on January 31, 2008
	Director: HAYASHIBARA Ken	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011
	Director: HAYASHIBARA Yasushi	Reappointed on January 30, 2008
		Registered on January 31, 2008
	Director: HAYASHIBARA Yasushi	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011
	Director: MATSUDA Osamu	Reappointed on January 30, 2008
		Registered on January 31, 2008
	Director: MATSUDA Osamu	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011
	Director: AKIYAMA Atsumasa	Reappointed on January 30, 2008
		Registered on January 31, 2008
	Director: AKIYAMA Atsumasa	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011

Serial Number: 4033253 * Underlined sections indicate deleted items.

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675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan Hayashibara Co., Ltd. Corporate Registration/ID Number: 2600-01-005451

tration/1D inu	mber: 2600-01-005451	
	Director: KURIMOTO Masashi	Reappointed on January 30, 2008
		Registered on January 31, 2008
	Director: KURIMOTO Masashi	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011
	Director: AKURA Yoshinori	Appointed on January 30, 2008
		Registered on January 31, 2008
	Director: AKURA Yoshinori	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011
	Director: SUGIMOTO Toshiyuki	Appointed on January 30, 2009
		Registered on January 31, 2009
	Director: SUGIMOTO Toshiyuki	Reappointed on January 29, 2010
		Registered on January 29, 2010
		Resigned on February 2, 2011
		Registered on February 16, 2011
	Director: FUKUDA Shigeharu	Appointed on February 2, 2011
		Registered on February 16, 2011
	Director: FUKUDA Shigeharu	Reappointed on December 31, 2011
		Registered on January 6, 2012
	Director: FUKUDA Shigeharu	Reappointed on February 3, 2012
		Registered on February 20, 2012
	Director: FUKUDA Shigeharu	Reappointed on June 27, 2012
		Registered on August 7, 2012
A033253 *	Underlined sections indicate deleted items.	4/1(

Serial Number: 4033253 * Underlined sections indicate deleted items.

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Corporate Registration/ID Number: 2600-01-005451

	Director: SOGAWA Takanao	Appointed on February 2, 2011
		Registered on February 16, 2011
	Director: SOGAWA Takanao	Reappointed on December 31, 2011
		Registered on January 6, 2012
	Director: SOGAWA Takanao	Reappointed on February 3, 2012
		Registered on February 20, 2012
	Director: SOGAWA Takanao	Reappointed on June 27, 2012
		Registered on August 7, 2012
	Director: MIYAKE Toshio	Appointed on February 2, 2011
		Registered on February 16, 2011
	Director: MIYAKE Toshio	Reappointed on December 31, 2011
		Registered on January 6, 2012
		Retired on February 3, 2012
		Registered on February 20, 2012
	Director: NAGASE Reiji	Appointed on February 3, 2012
		Registered on February 20, 2012
	Director: NAGASE Reiji	Reappointed on June 27, 2012
		Registered on August 7, 2012
	Director: TANAKA Kazuhiro	Appointed on February 3, 2012
		Registered on February 20, 2012
	Director: TANAKA Kazuhiro	Reappointed on June 27, 2012
		Registered on August 7, 2012
r: 4033253	* Underlined sections indicate deleted item	

Serial Number: 4033253 * Underlined sections indicate deleted items.

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675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan Hayashibara Co., Ltd.

Corporate Registration/ID Number: 2600-01-005451	Corporate	Registration	/ID Number:	2600-01-005451

or portage respiration and the	Number: 2600-01-005451 Director: 土井繁 (DOI Shigeru)	Appointed on February 3, 2012
		Registered on February 20, 2012
	Director: 土居繁 (DOI Shigeru)	Surname in "土井繁"
		Corrected on February 24, 2012
	Director: DOI Shigeru	Reappointed on June 27, 2012
		Registered on August 7, 2012
	Director: NAKAMURA Shinji	Appointed on February 3, 2012
		Registered on February 20, 2012
	Director: NAKAMURA Shinji	Reappointed on June 27, 2012
		Registered on August 7, 2012
	Director: KANNO Mitsuru	Appointed on February 3, 2012
		Registered on February 20, 2012
	Director: KANNO Mitsuru	Reappointed on June 27, 2012
		Registered on August 7, 2012
	Director: MORI Mitsukuni	Appointed on April 1, 2012
		Registered on April 16, 2012
	Director: MORI Mitsukuni	Reappointed on June 27, 2012
		Registered on August 7, 2012
	9-8, Higashi Furumatsu 4-chome. Okayama- shi, Okayama, Japan	Reappointed on January 30, 2008
	The president: HAYASHIBARA Ken	Registered on January 31, 2008
	<u>9-8, Higashi Furumatsu 4-chome, Kita-ku,</u> Okayama-shi, Okayama, Japan	Changed on April 1, 2009
	The president: HAYASHIBARA Ken	Altered on April 14, 2009
	<u>9-8, Higashi Furumatsu 4-chome, Kita-ku,</u> Okayama-shi, Okayama, Japan	Reappointed on January 29, 2010
	The president: HAYASHIBARA Ken	Registered on January 29, 2010
		Retired on February 2, 2011
		Registered on February 16, 2011

675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan

Hayashibara Co., Ltd.

Corporate Registration/ID Number: 2600-01-005451

Corporate Registration/ID NU	amper: 2000-01-000401	
	2189, Atsu. Minami-ku, Okayama-shi. Okayama, Japan	Appointed on February 2, 2011
	The president: FUKUDA Shigeharu	Registered on February 16, 2011
	<u>2189. Atsu, Minami-ku, Okayama-shi, Okayama, Japan</u>	Reappointed on December 31, 2011
	The president: FUKUDA Shigeharu	Registered on January 6, 2012
		Retired on February 3, 2012
		Registered on February 20, 2012
	27-14, Denenchofu 3-chome, Ota-ku, Tokvo. Japan	Appointed on February 3, 2012
	The president: NAGASE Reiji	Registered on February 20, 2012
	27-14, Denenchofu 3-chome, Ota-ku, Tokyo, Japan	Reappointed on June 27, 2012
	The president: NAGASE Reiji	Registered on August 7, 2012
	Company auditor: HAYASHIBARA Hideko	Reappointed on January 30, 2007
		Registered on May 10, 2007
		Retired on January 29, 2010
		Registered on January 29, 2010
	Company auditor: HAYASHIBARA Takashi	Reappointed on January 30, 2007
		Registered on May 10, 2007
		Retired on January 29, 2010
		Registered on January 29, 2010
	Company auditor: HAYASHIBARA Katsuaki	Appointed on January 30, 2009
		Registered on January 30, 2009
		Retired on January 29, 2010
		Registered on January 29, 2010
	Company auditor: HAYASHIBARA Hideko	Appointed on January 29, 2010
		Registered on January 29, 2010
		Retired on February 2, 2011
		Registered on February 16, 2011
Serial Number: 4033253	I * Underlined sections indicate deleted items.	7/10

Serial Number: 4033253 * Underlined sections indicate deleted items.

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Corporate Registration/ID Number: 2600-01-005451

<u>Company auditor: HAYASHIBARA Takashi</u>	Appointed on January 29, 2010
	Registered on January 29, 2010
	Retired on February 2, 2011
	Registered on February 16, 2011
Company auditor: HAYASHIBARA Katsuaki	Appointed on January 29, 2010
	Registered on January 29, 2010
	Retired on February 2, 2011
	Registered on February 16, 2011
Company auditor: AKIYAMA Atsumasa	Appointed on February 2, 2011
	Registered on February 16, 2011
Company auditor: AKIYAMA Atsumasa	Reappointed on December 31, 2011
	Registered on January 6, 2012
	Retired on February 3, 2012
	Registered on February 20, 2012
Company auditor: YAMASHITA Hideo	Appointed on February 3, 2012
	Registered on February 20, 2012
Accounting auditor: Ernst & Young ShinNihon LLC	Appointed on February 3, 2012
	Registered on February 20, 2012
Accounting auditor: Ernst & Young ShinNihon LLC	Reappointed on June 27, 2012
	Registered on August 7, 2012
Ark Mori Building, 12-32, Akasaka 1-chome. Minato-ku, Tokyo, Japan	Decision of the Tokyo District Court on February 2, 2011
Provisional administrator: MATSUSHIMA Hideki	on romany a, sorr
Under the Corporation Reorganization Law, the administration of the Company's business and property may be ordered to the above named.	Registered on February 7, 2011
<u>Ark Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo, Japan</u>	
<u>Trustee in bankruptcy: MATSUSHIMA Hidek</u>	Registered on March 10, 2011

675-1, Fujisaki, Naka-ku, Okayama-shi, Okayama, Japan Hayashibara Co., Ltd. Corporate Registration/ID Number: 2600-01-005451

Corporate Registration/ID N		
		Decision of the Tokyo District Court
		on August 3, 2011
	Trustee: NAGASE Reiji	Registered on August 8, 2011
	27-14. Denenchoufu 3-chome. Ota-ku, Tokyo,	Decision of the Tokyo District Court
	<u>Japan</u>	on September 1, 2011
	Trustee: NAGASE Reiji	
	Permission of segregation of duties	
	for the trustee, NAGASE Reiji	
	1 The duties assigned to the trustee in	
	bankruptcy, NAGASE Reiji	
	(1) Duties in connection with the business	
	(2) Duties of transaction with banks (including	
	to become right holders of accounts, etc.	
	(3) Applications, maintenances,	
	abandonments, and licenses of patents,	
	trademarks and other intellectual properties;	
	and other duties relating to intellectual	
	properties.	
	(4) Ordinary businesses excluding the duties	
	assigned to the trustee in bankruptcy.	
	MATSUSHIMA Hideki	
	2 Remaining duties of the trustees excluding	
	those assigned to the trustees, NAGASE Reiji	
	and MATSUSHIMA Hideki (including	
	important affairs relating to indirect	Registered on September 5, 2011
	departments such as important personnel	
	affairs; establishments of business locations,	
	etc.) shall be conducted jointly by them.	
	Ark Mori Building, 12-32, Akasaka 1-chome,	Decision of the Tokyo District Court
	<u>Minato-ku, Tokvo, Japan</u>	on September 1, 2011
	Trustee: MATSUSHIMA Hideki	
	Permission of segregation of duties	
	for the trustee, MATSUSHIMA Hideki	
	1 The duties assigned to the trustee,	
	MATSUSHIMA Hideki	
	(1) Proceedings in connection with suits	
	(2) Investigations, approvals or disapprovals,	
	and determinations of rehabilitation claims	
	and reorganization security interests	
	(3) Duties relating to exercises of rights of	
	avoidances, liability investigations, and	
	pursuing liabilities of former officers, etc.	
	(4) Duties on exercises of investigation reports	
	and asset investigations	
	(5) Duties relating to the disposition of assets	
	(including servicings)	
	(6) Duties in general relating to other legal	
	procedures (including applications for	
	permission to courts)	
	2 Remaining duties of the trustees excluding	
	those assigned to the trustees, NAGASE Reiji	
	and MATSUSHIMA Hideki (including	
	important affairs relating to indirect	Provintement on Contambor 5 0011
		Registered on September 5, 2011
	departments such as important personnel	
	affairs: establishments of business locations.	
	etc) shall be conducted jointly by them.	<u></u>
arnarate Nivestitove	Divided into Taiyo Real Estate Co., Ltd., locate	
Corporate Divestiture	Divided into Taiyo Real Estate Co., Ltd., locate ku, Tokyo, Japan, on January 31, 2012 Regist * Underlined sections indicate deleted items.	

Corporate Registration/ID Number: 2600-01-005451

	Divided into Taiyo Real Estate Co., Ltd., residing at: 12-32, Akasaka 1-chome, Minato-ku, Tokyo, Japan, on February 24, 2012	
WINNING IN		Registered on March 1, 2012
Absorption-type Merger	Absorbed Hayashibara Shoji, Inc., Located at: 2 Okayama-shi, Okayama, Japan, on February 1,	
	***************************************	Registered on February 13, 2012
	Absorbed Kabushiki Kaisha Hayashibara Seibu 2-3, Shimoishii 1-chome, Kita-ku, Okayama-shi 2012	
*****		Registered on February 13, 2012
Matters Concerning Company with Board of Directors		Registered on May 1, 2006 under Act No. 87 in 2005, Article 136
Matters Concerning Company with Auditors		Registered on May 1, 2006 under Act No. 87 in 2005, Article 136
Matters Concerning Company with Accounting Auditors	A Company with Accounting Auditors	
	Established on February 3, 2012	Registered on February 20, 2012
Corporate Reorganization	Commencement of rehabilitation proceedings by the Tokyo District Court at 11 a.r on March 7, 2011	
		Registered on March 10, 2011
	Approval of a reorganization plan by the Tokyo	District Court on December 31, 2011
		Registered on January 6, 2012
	Termination of the rehabilitation proceedings b 26, 2012	y the Tokyo District Court on March
		Registered on March 28, 2012
Matters Concerning Registration Records	Transferred on December 2, 1999 under the paragraph (3) of the Supplementary Provisions of Ordinance of the Ministry of Justice No. 15 of 1989	

This is a certified document of all the current and particulars contained in the registry.

April 2, 2013

District Legal Affairs Bureau Registrar

NAKANISHI Takashi

Serial Number: 4033253

* Underlined sections indicate deleted items.

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PATENT REEL: 030895 FRAME: 0121

RECORDED: 07/29/2013