

Substitute Form PTO-1595  
 Attorney Docket No.: 04838-0144001  
 Client's Ref. No.: ATH-0570

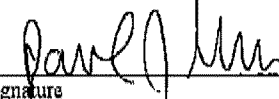
## RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).		
1. Name of conveying party(ies): <b>Stefano Galli, Akio Kurobe, Hisao Koga and Nobutaka Kodama</b> Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): <b>Panasonic Corporation          1006 Kadoma City          Osaka 571-8501          Japan</b> Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 12/11/2010; 12/13/2010; 11/26/2010; 11/26/2010		
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: <b>12/485,468</b> B. Patent No(s).: Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name/address of party to whom correspondence concerning document should be mailed: <b>PTO Customer Number:          26161</b>	6. Total number of applications/patents involved: <b>1</b> 7. Total fee (37 CFR §3.41): <b>\$40</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: <b>06-1050</b> Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
<b>DO NOT USE THIS SPACE</b>		
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
<b>Elliott J. Mason, III</b> Reg. No. 56,569 Name of Person Signing	/Elliott J. Mason, III Reg. No. 56,569/ Signature	<b>December 14, 2010</b> Date
Total number of pages including coversheet, attachments and document: 8		

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### CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify under 37 CFR §1.8(a) that this correspondence is being transmitted by facsimile in accordance with 37 CFR § 1.6(d).

<u>12/14/10</u> Date of Deposit	 Signature	<u>Paul J. Micale</u> Typed Name of Person Signing
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**PATENT**

700452340

REEL: 025585 FRAME: 0759

CH \$40.00 061050 12485468

Attorney Docket No.: 04838-0144001

ASSIGNMENT

*49 W 12<sup>th</sup> St., Apt 6E  
New York, NY 10011*

This assignment is effective June 16, 2009.

For valuable consideration, we, Stefano Galli of 72 Village Drive Morristown, NJ 07960; Akio Kurobe, of 2-4-31 Teraikedai Tondabayashi City, Osaka 584-0073, Japan; Hisao Koga, of 1-30-2 Matsunoki Nakagawa-machi Chikushi-gun Fukuoka 811-1251 Japan; Nobutaka Kodama, of 9-10-901 Oritatemachi Minami-Ku Fukuoka 811-1303 Japan; hereby confirm assignment, effective as of the date above, to PANASONIC CORPORATION, a corporation of Japan, having a place of business at 1006 Kadoma, Kadoma City, Osaka 571-8501, Japan, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a provisional application signed by us, entitled MANAGING COEXISTENCE AMONG SIGNALING PROTOCOLS ON A SHARED MEDIUM, filed June 16, 2008, and assigned U.S. Serial Number 61/073,024; an application for United States Patent signed by us, entitled MANAGING COEXISTENCE AMONG SIGNALING PROTOCOLS ON A SHARED MEDIUM, filed June 16, 2009, and assigned U.S. Serial Number 12/485,468; a PCT application signed by us, entitled MANAGING COEXISTENCE AMONG SIGNALING PROTOCOLS ON A SHARED MEDIUM, filed June 16, 2009, and assigned PCT application Number PCT/US2009/047530; this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we hereby confirm our authorization of the Assignee, effective as of the date above, to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we confirm agreement for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 3

PATENT

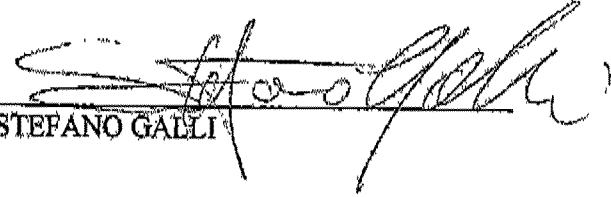
REEL: 025585 FRAME: 0760

Attorney Docket No.: 04838-0144001

Date:

12/11/10

STEFANO GALLI



Witnessed by:

Name:

Tobias Miller

Date:

12/11/10

Name:

Giuseppe del Pozzo

Date:

12/11/10

Date:

AKIO KUROBE

Witnessed by:

Name:

Date:

Name:

Date:

Date:

HISAO KOGA

Witnessed by:

Name:

Date:

Name:

Date:

Assignment Page 2 of 3

PATENT

REEL: 025585 FRAME: 0761

Attorney Docket No.: 04838-0144001

ASSIGNMENT

This assignment is effective June 16, 2009.

For valuable consideration, we, Stefano Galli, of 72 Village Drive Morristown, NJ 07960; Akio Kurobe, of 2-4-31 Teraikedai Tondabayashi City, Osaka 584-0073, Japan; Hisao Koga, of 1-30-2 Matsunoki Nakagawa-machi Chikushi-gun Fukuoka 811-1251 Japan; Nobutaka Kodama, of 9-10-901 Oritatemachi Minami-Ku Fukuoka 811-1303 Japan; hereby confirm assignment, effective as of the date above, to PANASONIC CORPORATION, a corporation of Japan, having a place of business at 1006 Kadoma, Kadoma City, Osaka 571-8501, Japan, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of a provisional application signed by us, entitled MANAGING COEXISTENCE AMONG SIGNALING PROTOCOLS ON A SHARED MEDIUM, filed June 16, 2008, and assigned U.S. Serial Number 61/073,024; an application for United States Patent signed by us, entitled MANAGING COEXISTENCE AMONG SIGNALING PROTOCOLS ON A SHARED MEDIUM, filed June 16, 2009, and assigned U.S. Serial Number 12/485,468; a PCT application signed by us, entitled MANAGING COEXISTENCE AMONG SIGNALING PROTOCOLS ON A SHARED MEDIUM, filed June 16, 2009, and assigned PCT application Number PCT/US2009/047530; this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we hereby confirm our authorization of the Assignee, effective as of the date above, to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we confirm agreement for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment:

Assignment Page 1 of 3

PATENT  
REEL: 025585 FRAME: 0762

Attorney Docket No.: 04838-0144001

Date: \_\_\_\_\_

\_\_\_\_\_  
STEFANO GALLI

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: Dec. 13 2010Akio Kurobe  
AKIO KUROBE

Witnessed by:

Name: Yuzichi FukumachiDate: Dec 13 2010Name: Kotuhiko HashidaDate: Dec. 13 2010

Date: \_\_\_\_\_

\_\_\_\_\_  
HISAO KOGA

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Attorney Docket No.: 04838-0144001

ASSIGNMENT

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Assignment Page 1 of 3

**PATENT**  
**REEL: 025585 FRAME: 0764**

Attorney Docket No.: 04838-0144001

Date: \_\_\_\_\_

\_\_\_\_\_  
STEFANO GALLI

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
AKIO KUROBE

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: November 26, 2010Hisao Koga  
HISAO KOGA

Witnessed by:

Name: Daniel GeorgeDate: November 26, 2010Name: Marisaki KentaDate: November 26, 2010

Assignment Page 2 of 3