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'orm PTO-1595 (Rev. 08/08) ΣΜΒ Νο. 0651-0027 (εxp. 9/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent & Trademark Office				
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1) Thomas MICHALKE 2) Robert KASTNER	Name: Honda Research Institute Europe GmbH Internal Address:				
Additional name(s) of conveying party(ies) attached?					
🗌 Yes 🛛 No	Street Address: Carl-Legien-Strasse 30				
	City: Offenbach/Main State:				
Nature of conveyance/Execution Date(s);	Country: Germany Zip: 63073				
Execution Date(s): 1) July 15, 2010 2) July 28, 2010					
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Joint Research Agreement Security Agreement Executive Order 9424, Confirmatory License Other	☐ Yes I⊠ No				
4. Application or patent number(s):					
-	This document is being filed together with a new application.				
A. Patent Application No.(s)	J This document is being filed together with a new application. B. Patent No.(s)				
	B. Patent No.(s)				
A. Patent Application No.(s) 12/781,272	B. Patent No.(s)				
A. Patent Application No.(s) 12/781,272 Additional numbers attached?	 B. Patent No.(s) Yes No 6. Total number of applications and patents involved: 				
A. Patent Application No.(s) 12/781,272 Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed:	 B. Patent No.(s) Yes ∑ No 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 ☑ Authorized to be charged to deposit account 				
A. Patent Application No.(s) 12/781,272 Additional numbers attached? 5. Name and address to whom correspondence concerning document should be mailed: Name: Squire Sanders & Dempsey L.L.P. Internal Address: Street Address: 8000 Towers Crescent Drive, 14 th Floor	B. Patent No.(s) Yes ⊠ No 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41)				
 A. Patent Application No.(s) 12/781,272 5. Name and address to whom correspondence concerning document should be mailed: Name: Squire Sanders & Dempsey L.L.P. Internal Address; Street Address: 8000 Towers Crescent Drive, 14th Floor City: Vienna State: Virginia Zip: 22182-6212 Phone Number: (703) 720-7600 	 B. Patent No.(s) Yes ∑ No 6. Total number of applications and patents involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 ∑ Authorized to be charged to deposit account □ Enclosed. Check No. 				
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 024916 FRAME: 0600

SQUIRE SANDERS & DEMPSEY L.L.P.

Docket No. 105092.00018

WORLDWIDE INVENTION ASSIGNMENT

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR)

Honda Research Institute Europe GmbH Carl-Legien-Strasse 30 63073 Offenbach/Main Germany

(hereinafter ASSIGNEE), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

OBJECT MOTION DETECTION SYSTEM BASED ON COMBINING 3D WARPING TECHNIQUES AND A PROPER OBJECT MOTION DETECTION

for which the following applications were filed:

17 May 2010	Application Number(s)	12/781,272
Gas Simples 9.		

(Squire, Sanders & Dempsoy L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of any country in the world to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIONOR agrees to execute all papers necessary in connection with application and any continuing, divisional, relissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

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- Lingalie	Thomas MICHALKE	15.07.2010
(SIGNATHRE)	(TYPE NAME)	(DATE)
	Robert KASTNER	1.75.7.2010
(SIGNATURE)	(TYPE NAME)	(DATE)

[Signature(s) of Assignor(s)]

> PATENT REEL: 024916 FRAME: 0601

RECORDED: 08/31/2010

[Insert ASSIGNEE's Name(s) Address(es)] bу

*Filed on:

[Title of Invention]

[4]f the assignment is being filed ufter the filing of the application, this section must be completed]