

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ryuji FUNAYAMA	01/08/2009
Hikomichi YANAGIHARA	01/07/2009
Luc VAN GOOL	01/12/2009
Tinne TUYTELAARS	01/12/2009
Herbert BAY	01/20/2009

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12298879

CH \$40.00 12298879

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NAME OF SUBMITTER:

J. ERNEST KENNEY

Total Attachments: 2

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ASSIGNMENT

WHEREAS, I (we), Ryuki FUNAYAMA, Hiromichi YANAGIHARA, Luc VAN GOOL, Tinne TUYTELAARS and Herbert BAY whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in

ROBUST INTEREST POINT DETECTOR AND DESCRIPTOR

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on:
- filed on: October 28, 2008 Application No.: 12/298,879
- established by PCT International Patent Application No.: filed:
- designating the United States of America

WHEREAS, (1) TOYOTA MOTOR EUROPE NV, (2) KU LEUVEN RESEARCH & DEVELOPMENT and (3) Eidgenössische Technische Hochschule Zürich whose post office address is (1) Bourgetaan 60, B-1140 Brussel, Belgium, (2) Groot Begijnhof 58-59, B-3000 Leuven, Belgium and (3) Raemistrasse 101, CH-8902 Zürich, Switzerland hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNOR in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

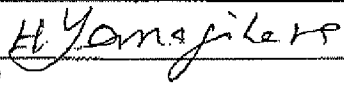
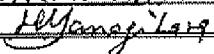

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Where Signed <input checked="" type="checkbox"/> Sizuoka, Japan	Signature <input checked="" type="checkbox"/> 船山 龍 士
Date <input checked="" type="checkbox"/> 8/January / 2009	Witness (optional) Toshiki Kinds
Witness (optional) Shinya Kawamata Print/Type Name 川 野 田 建 也 Signature	Witness (optional) Toshiki Kinds Print/Type Name 金 道 敏 祐 Signature


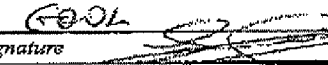

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

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

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