

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4153350

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THORN SECURITY LTD	07/29/2015
RECEIVING PARTY DATA	
Name:	TYCO FIRE & SECURITY GMBH
Street Address:	VICTOR VON BRUNS-STRASSE 21
City:	NEUHAUSEN AM RHEINFALL
State/Country:	SWITZERLAND
Postal Code:	CH-8212
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	GB2014053396
CORRESPONDENCE DATA	
Fax Number:	(781)863-9931
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	7818639991
Email:	iris.fennell@houstonllp.com
Correspondent Name:	J. GRANT HOUSTON
Address Line 1:	HOUSTONHOGLE LLP
Address Line 2:	1666 MASSACHUSETTS AVENUE, SUITE 12
Address Line 4:	LEXINGTON, MASSACHUSETTS 02420
ATTORNEY DOCKET NUMBER:	0326.0006WO1/R-FD-00079WO
NAME OF SUBMITTER:	J. GRANT HOUSTON
SIGNATURE:	/grant houston/
DATE SIGNED:	11/22/2016
Total Attachments: 26	
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INTELLECTUAL PROPERTY TRANSFER AGREEMENT

This INTELLECTUAL PROPERTY TRANSFER AGREEMENT ("Agreement") is made and entered into and effective as of 31 July 2015 ("Effective Date") by

THORN Security Ltd., a United Kingdom Corporation, whose registered seat is at
Dunhams Lane, Letchworth Garden City
Hertfordshire SG6 1BD
United Kingdom

and a principal place of business at
Security House, Hanworth Road, Sunbury-on-Thames
TW16 5DB
United Kingdom

("Assignor")

and

Tyco Fire & Security GmbH, a Swiss Corporation, a Swiss limited liability company registered under the number CH-290.3.017.193-9, whose registered seat is at
Victor von Bruns-Strasse 21
CH-8212 Neuhausen am Rheinfall
Switzerland

("Assignee")

WHEREAS the Assignor and the Assignee are both 100% direct or indirect subsidiaries of Tyco International plc, an Irish company, whose registered seat is at Unit 1202, Building 1000, City Gate, Mahon, Cork, Ireland;

WHEREAS, Assignor wishes to sell, transfer and assign certain intellectual property assets owned by Assignor to Assignee, and Assignee wishes to accept such assignment;

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, the Parties, intending to be legally bound, agree as follows:

1. DEFINITIONS

- 1.1. "Business" means the creation, manufacture and sale of PRODUCTS as defined in Exhibit C.

- 1.2. "Affiliate" means entity which directly or indirectly controls, is controlled by, or is under common control with a Party.
- 1.3. "Party" or "Parties" mean a party or the parties to this Agreement.
- 1.4. "Confidential Information" shall mean information which is either
- a) communicated in writing or other tangible form and marked confidential, or
 - b) communicated in any other manner, provided its confidential nature is confirmed within 30 days after the disclosure by the disclosing Party in a letter summarizing the information considered confidential.
- However, information shall cease to qualify as Confidential Information once it becomes publicly available, is obtained by the receiving Party from another source without a duty of confidentiality or is independently developed or ascertained by the receiving Party.
- 1.5. "Assigned Intellectual Property Rights" means all right, title and interest in Assigned Patents (as defined below), Assigned Trademarks (as defined below) and Other Assigned Intellectual Property (as defined below).
- 1.6. "Assigned Patents" means patents, utility models, inventor certificates, design patents, and such other forms of protection of industrial property as may be provided by any country, or applications for any of these, on a worldwide basis, including, without limitation, all counterparts, extensions, divisionals, continuations, continuations-in-part, renewals, reissues, substitutes, reexaminations, provisional applications and the like thereof, and the right to claim the benefit of any dates of priority relating thereto under any applicable laws, as well as any rights in patentable inventions, even if not yet filed or registered; all to the extent such Assigned Patents relate to the Business, and are owned or controlled by Assignor. Specifically, but without any limitation, the Term "Assigned Patents" covers the patents and patent applications listed in Exhibit A attached hereto.
- 1.7. "Assigned Trademarks" means trademarks, service marks, trade names, trade dress, labels, logos, names, domain names and slogans, whether registered or unregistered, or applications for any of these, on a worldwide basis, and the right to claim the benefit of any dates of priority relating thereto under any applicable laws as well as any associated goodwill incident thereto, including the right to use such Assigned Trademarks in regard to products and services in classes not yet utilized; all to the extent such Assigned Trademarks relate to the Business, and are owned or controlled by Assignor. Specifically, but without any limitation, the Term "Assigned Trademarks" covers the trademarks and applications for registration of trademarks listed in Exhibit B attached hereto.
- 1.8. "Other Assigned Intellectual Property" means all intellectual property not within the scope of the definitions of Assigned Patents or Assigned Trademarks above, including, without limitation, copyrights, works of authorship, know-how, trade secrets, rights in

confidential or non-public information, software (in source code and object code), data base rights, information and technology, to the extent related to the Business or associated with any products, equipment or processes related to the Business, and owned or controlled by Assignor.

1.9. "Territory" means all nations worldwide.

2. SALE AND PURCHASE

2.1. Subject to the terms of this Agreement, Assignor hereby sells and transfers the Assigned Intellectual Property Rights in the Territory to Assignee to the extent such Intellectual Property Rights are owned or controlled by Assignor, and agrees to execute the assignment in Exhibits A and Exhibit B as of the Effective Date; and Assignee hereby accepts such transfer as of the Effective Date. To the extent such Assigned Intellectual Property Rights are registered under a different name but still owned or controlled by Assignor, Assignor shall take all actions, and sign all documents, required to register such Intellectual Property Rights properly in the name of Assignee. As between the Parties, the transfer of the Assigned Intellectual Property Rights shall be deemed to have economic effect at the Effective Date. The Assigned Intellectual Property shall be sold together with all rights attaching to them at the Effective Date.

2.2. The Parties acknowledge and agree that the foregoing transfer and any subsequent assignment of the Assigned Intellectual Property Rights is subject to any pre-existing licenses of the same, as granted to other parties.

2.3. In consideration for the transfer and assignment of the Assigned Intellectual Property Rights, Assignee shall pay to Assignor a purchase price of US\$37 million which amount is based on a valuation prepared in accordance with arm's length principles.

2.4. The Consideration for the Assigned Intellectual Property Rights shall be adjusted following completion as follows:

- a) if the valuation of the Assigned Intellectual Property Rights as prepared by a Third Party Firm approved by both Parties ("Valuation") exceeds the initially agreed Consideration amount, the Consideration shall be increased by the amount by which the Valuation exceeds that amount; and
- b) if the Valuation is less than the initially agreed Consideration, the Consideration shall be reduced by the amount by which the Valuation is less than that amount.

2.5 The Consideration for the Assigned Intellectual Property Rights shall be adjusted following completion as follows:

- a) if the final book value of the Assigned Intellectual Property Rights as per the effective time, exceeds the initially agreed Consideration amount, the Consideration shall be increased by the amount by which the final book value exceeds that amount
- b) if the final book value of the Assigned Intellectual Property Rights as per the effective time, is less than the initially agreed Consideration amount, the Consideration shall be reduced by the amount by which the final book value is less than that amount

3. COMPLETION

- 3.1. Completion of the sale and purchase of the Assigned Intellectual Property Rights shall take place at the Effective Date by executing the assignments in Exhibits A and B.
- 3.2. Any assignment pursuant to this Agreement shall not constitute an assignment or attempted assignment of any agreement (or part thereof) if such attempted assignment, without the consent of the other party thereto, would constitute a breach thereof or would in any way adversely affect the rights of Assignor or Assignee, unless and until such consent has been granted. Assignor and Assignee covenant and agree that in any such case the beneficial interest in and to any such agreements (or the relevant part thereof) shall pass hereby to Assignee. Assignor further covenants and agrees (i) to hold and hereby declare that they hold any and all such agreements (or the relevant part thereof) on trust for the benefit of Assignee, its successors and assignees, (ii) to obtain and secure all consents that may be necessary to effect a full and valid transfer or transfers of the same, (iii) to make or complete such transfer or transfers as soon as reasonably possible, and (iv) to cooperate with Assignee in any assignment or other reasonable arrangement designed to provide for Assignee the benefits of and under any such agreement.
- 3.3. The Assignor shall, until the Assigned Intellectual Property Rights is legally recorded in the name of the Assignee to the extent this is required, hold the Assigned Intellectual Property Rights and any benefit from them arising after the Effective Date on trust for the Assignee.

- 3.4. Assignor will provide adequate and current written records of all Assigned Intellectual Property Rights to the Assignee. Assignor shall communicate properly and disclose to Assignee, in such form as Assignee may reasonably request, all details, data, and other information pertaining to the Assigned Intellectual Property Rights. Assignor will promptly deliver to Assignee, all documents and other tangible media (including, without limitation, all originals, copies, reproductions, digests, abstracts, summaries, analyses, notes, notebooks, drawings, manuals, memoranda, records, reports, plans, specifications, devices, formulas, storage media, including software, and computer printouts) in Assignor's actual or constructive possession or control that contain, reflect, disclose or otherwise relate to any Assigned Intellectual Property Rights.

4. REPRESENTATIONS AND WARRANTIES

- 4.1. Each Party hereby represents and warrants to the other Party that it is a duly organized and validly existing company under the laws of its jurisdiction and has the full right, power, and authority to enter into the transactions contemplated in this Agreement.
- 4.2. Each Party hereto represents and warrants to the other Party that the execution, delivery and performance of this Agreement by such party have been duly authorized by all necessary corporate actions on the part of such Party.
- 4.3. Assignor hereby represents and warrants to the Assignee that it is the sole and exclusive owner of all right, title and interest in the Assigned Intellectual Property Rights.
- 4.4. EXCEPT AS EXPRESSLY PROVIDED OTHERWISE IN THIS AGREEMENT AND TO THE FULLEST EXTENT PERMITTED BY LAW, ASSIGNOR HEREBY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE ASSIGNED INTELLECTUAL PROPERTY RIGHTS, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, AND THE PARTIES AGREE THAT THE ASSIGNED INTELLECTUAL PROPERTY RIGHTS ARE BEING TRANSFERRED "AS IS."

4.5. Each Party:

- a) acknowledges that in agreeing to enter into this Agreement it has not relied on any express or implied representation, warranty, collateral contract or other assurance (except those set out in this agreement) made by or on behalf of the other Party at any time before the signature of this Agreement;
- b) waives all rights and remedies which, but for this sub-clause, might otherwise be available to it in respect of any such express or implied representation, warranty, collateral contract or other assurance.

4.6. Nothing in this clause limits or excludes any liability for fraud.

5. CONFIDENTIAL INFORMATION

- 5.1. Each Party may use Confidential Information of the other Party exclusively for the purpose of exercising its rights and fulfilling its obligations under this Agreement.
- 5.2. A Party receiving Confidential Information shall use the same degree of care, but in any case no less than a reasonable degree of care, to prevent unauthorized use, dissemination or publication thereof, as it uses to protect its own confidential information of a similar nature, except in case of disclosure required by operation of law or judicial action.
- 5.3. However, either Party hereunder may communicate Confidential Information of the other Party in confidence to its Affiliates. In addition, any Party may communicate Confidential Information to suppliers or subcontractors, provided such suppliers or subcontractors have agreed to confidentiality obligations at least as protective as those set forth herein.
- 5.4. The obligations under this Section shall be limited to a period of 3 (three) years from receipt of any particular item of Confidential Information from the disclosing Party.

6. FURTHER ASSURANCE

- 6.1. Assignor covenants that it will from time to time, at its own cost and upon the reasonable advance request of Assignee, execute and deliver any and all documents and do any and all acts that may be reasonably necessary to enable Assignee to protect Assignee's rights in the Assigned Intellectual Property Rights and that it will cooperate with Assignee in every reasonable way required in order to vest in the Assignee ownership of any of the Assigned Intellectual Property Rights or as otherwise may be necessary to carry out the intent of this Agreement.
- 6.2. The Assignor shall, without any cost to the Assignee, take all necessary steps to obtain all necessary government approvals, if any, for the transfer of the Assigned Intellectual Property Rights.
- 6.3. The Assignor hereby irrevocably appoints the Assignee as its attorney in its name to execute any document and do any act or thing which may be necessary to fulfill its obligations under this Agreement.

7. GENERAL PROVISIONS

- 7.1. This Agreement may be executed in counterparts, and each counterpart shall constitute an original instrument, but all such separate counterparts shall constitute only one and the same instrument.
- 7.2. Each of the Parties hereto shall pay its own expenses and costs incurred or to be incurred in negotiating, closing and executing the transactions contemplated by this Agreement. The Assignee shall be responsible for any transactional taxes including stamp duties and any applicable fees payable as a result of recording the transfer of the Assigned Intellectual Property Rights.
- 7.3. This Agreement does not confer rights on any person other than the Parties to this Agreement and their successors and assignees.
- 7.4. This Agreement contains all terms which the Parties have agreed in relation to the subject matter of this Agreement, and supersedes any prior written or oral agreements, representations or understandings between the Parties in relation to such matter. Except as required by statute, no terms shall be implied (whether by custom, usage or otherwise)

into this Agreement.

- 7.5. Any modification to this Agreement, including this Section, must be made in writing and duly signed by the Party against whom such modification is sought to be enforced.
- 7.6. In the event any one or more of the provisions contained in this Agreement should be held invalid, illegal or unenforceable in any respect under the law of any jurisdiction, the validity, legality and enforceability of the remaining provisions under the law of such jurisdiction, and the validity, legality and enforceability of such and any other provisions under the law of any other jurisdiction, shall not in any way be affected or impaired thereby. If the performance of any part of this Agreement, or of any obligation under this Agreement, by either Party is prevented, restricted, interfered with or delayed by reason of any cause beyond the reasonable control of the Party liable to perform, unless conclusive evidence to the contrary is provided, the Party so affected shall, on giving written notice to the other Party, be excused from such performance to the extent of such prevention, restriction or delay; provided that the affected Party shall use its reasonable best efforts to avoid or remove such causes of nonperformance and shall continue performance with the utmost dispatch whenever such causes are removed. When such circumstances arise, the Parties shall discuss what, if any, modification of the terms of this Agreement may be required in order to arrive at an equitable solution.
- 7.7. Unless otherwise agreed, all notices, instructions and other communications to be given to a Party under this Agreement shall be given to the electronic mail address (with a receipt confirmation by electronic mail) or facsimile number (confirmed if requested) and to the individual or department nominated by the relevant Party and notified to the other Party from time to time. Unless otherwise specified, any notice instruction or other communication given in accordance with this clause shall be effective upon receipt.
- 7.8. This Agreement, and any non-contractual obligations arising out of or in connection with this Agreement, shall be governed by and construed in accordance with Swiss law excluding its conflict of law rules.
- 7.9. Any dispute, controversy or claim arising out of or in connection with this Agreement, (and subsequent amendments thereof) including a dispute, claim or controversy relating to any non-contractual obligations arising out of or in connection with this Agreement, shall be exclusively referred to and finally determined by the ordinary courts in Schaffhausen / Switzerland and no other courts shall have any jurisdiction in this regard.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized officers or representatives as of the Effective Date.

[LEFT BLANK INTENTIONALLY]

ASSIGNOR:

Thorn Security Ltd.

By: 

Name: A.B. Althaus

Title: DIRECTOR

Date: 29/07/15

ASSIGNEE:

Tyco Fire & Security GmbH

By: 

Name: James Graham
Managing Director

Title: _____

Date: 20 JUL 2015

EXHIBIT A
ASSIGNMENT OF PATENT RIGHTS

Thorn Security Ltd., a United Kingdom company with a registered address at Dunhams Lane, Letchworth Garden City, Hertfordshire SG6 1BD and a place of business at Security House, The Summit, Hanworth Road, Sunbury-on-Thames, TW16 5DB, United Kingdom ("Assignor"), hereby sells, assigns and transfers all of its right, title and interest in the attached patents and patent applications, including all rights of priority and continuation, divisional, reissue, reexamination, renewal, extensions, substitute, and other filings in any country, and including the rights to recover all damages for infringements including damages by reason of past, present, or future infringement or any other violation of patent or patent application rights and the rights to enforce them in relation to infringements occurring before or after the effective date of this assignment, in any country and in any court, and including the right to bring, make, oppose, defend, appeal proceedings, claims or actions in any court anywhere in the world and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership of any of the attached patents and patent applications (including without limitation all divisional and other filings in any country) whether occurring before, on or after the effective date of this assignment, in consideration of One Dollar (\$1.00), and other good and valuable compensation, the receipt of which is hereby acknowledged, to Tyco Fire & Security GmbH, a Swiss limited liability company registered under the number CH-290.3.017.193-9, whose registered seat is at Victor von Bruns-Strasse 21, 8212 Neuhausen am Rheinfall, Switzerland ("Assignee") and hereby authorizes Assignee to record or have recorded the assignment/transfer of such rights with the relevant patent offices and authorities, including the change of ownership.

THORN SECURITY LTD.

Date: 29/07/15
Represented by: [Signature]
Name: A.B. ALPHONSUS
Title: DIRECTOR

TYCO FIRE & SECURITY GMBH

Date: 20 JUL 2015
Represented by: [Signature]
Name: James Graham
Title: Managing Director

Date: _____
Represented by: _____
Name: _____
Title: _____

ASSIGNED PATENTS AND PATENT APPLICATIONS:

Case Number	Official Title:	Sub-Case	Country Name	Business Unit:	Status	Application #:	Filing Date:	Patent #:	Issue Date:	Expiration Date:
16005:B	DATA REGENERATION IN ASYNCHRONOUS NETWORK COMMUNICATION	UTL	United Kingdom	THORNSE	Granted	9608960.2	29-Apr-1996	2300336	13-Oct-1999	29-Apr-2016
16165:B	IMPROVED FIRE ALARM DISPLAY	UTL	Australia	THORNSE	Granted	68044/90	14-Dec-1990	643476	18-Nov-1993	14-Dec-2010
F-14001:B	DETECTOR	DES	United Kingdom	THORNSE	Granted	2048958	21-Jul-1995	2048958	29-Nov-1995	21-Jul-2020
F-14003:B	LASER TESTING OF FIRE DETECTOR	EPP	Switzerland	THORNSE	Granted	02726997.6	08-Jan-2002	1350235	15-Dec-2004	08-Jan-2022
F-14003:B	LASER TESTING OF FIRE DETECTOR	EPP	Germany	THORNSE	Granted	02726997.6	08-Jan-2002	60202258	15-Dec-2005	08-Jan-2022
F-14003:B	LASER TESTING OF FIRE DETECTOR	EPP1	United Kingdom	THORNSE	Granted	02726997.6	08-Jan-2002	1350235	15-Dec-2004	08-Jan-2022
F-14003:B	LASER TESTING OF FIRE DETECTOR	PCT	United States of America	THORNSE	Granted	10/250929	22-Oct-2003	7106187	12-Sep-2006	26-Aug-2022
F-14004:B	FIRE DETECTOR IDENTIFICATION	EPC1	United Kingdom	THORNSE	Granted	96925845.8	26-Jul-1996	0800694	24-May-2000	26-Jul-2016
F-14006:B	DETECTING THE PRESENCE OF A FIRE	UTL	United States of America	THORNSE	Granted	08/298307	01-Sep-1994	5612537	18-Mar-1997	01-Sep-2014
F-14009:B	AMPLIFICATION CIRCUITS	UTL	Australia	THORNSE	Granted	18578/99	03-Mar-1999	758884	03-Mar-1999	03-Mar-2019
F-14009:B	AMPLIFICATION CIRCUITS	UTL	United Kingdom	THORNSE	Granted	9804514.9	03-Mar-1998	2335042	16-Oct-2001	03-Mar-2018
F-14009:B	AMPLIFICATION CIRCUITS	UTL	United States of America	THORNSE	Granted	09/261238	03-Mar-1999	6188278	13-Feb-2001	03-Mar-2019
F-14010:B	A DETECTOR	UTL	United Kingdom	THORNSE	Granted	9906197.0	17-Mar-1999	2335489	27-Feb-2002	17-Mar-2019
F-14010:B	A DETECTOR	UTL	United States of America	THORNSE	Granted	09/272377	19-Mar-1999	6255651	03-Jul-2001	19-Mar-2019
F-FD-00084	DIRECTIONALLY INTELLIGENT FIREFIGHTING SYSTEM		United States of America	THORNSE	Pending	61/916917	17-Dec-2013			17-Dec-2014
F-FD-00084	DIRECTIONALLY INTELLIGENT FIREFIGHTING SYSTEM		Patent Cooperation Treaty	THORNSE	Pending	PCT/IB2014/066987	17-Dec-2014			
F-FD-00084	DIRECTIONALLY INTELLIGENT FIREFIGHTING SYSTEM		Patent Cooperation Treaty	THORNSE	Pending	PCT/IB2014/066988	17-Dec-2014			

F-FD-00084	DIRECTIONALLY INTELLIGENT FIREFIGHTING SYSTEM		Patent Cooperation Treaty	THORNSE	Pending	PCT/IB2014/066989	17-Dec-2014			
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	PCT	Australia	THORNSE	Granted	2005239104	29-Apr-2005	2005239104	09-Jul-2009	29-Apr-2025
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	EPP	Switzerland	THORNSE	Granted	05737836.6	29-Apr-2005	1743308	24-Jun-2009	29-Apr-2025
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	EPP	Germany	THORNSE	Granted	05737836.6	29-Apr-2005	602005015098.6-08	24-Jun-2009	29-Apr-2025
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	PCT	European Patent Convention	THORNSE	Granted	05737836.6	29-Apr-2005	1743308	24-Jun-2009	29-Apr-2025
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	EPP	France	THORNSE	Granted	05737836.6	29-Apr-2005	1743308	24-Jun-2009	29-Apr-2025
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	EPP	United Kingdom	THORNSE	Granted	05737836.6	29-Apr-2005	1743308	24-Jun-2009	29-Apr-2025
F-TP-00019	TESTING A FIRE DETECTOR SENSOR	PCT	United States of America	THORNSE	Granted	11/587461	25-Oct-2005	7609154	27-Oct-2009	17-May-2026
F-TP-00029	AMPLIFIER FOR MULTI-USE OF SINGLE ENVIRONMENTAL SENSOR	PCT	Switzerland	THORNSE	Granted	06702888.6	18-Jan-2006	1867039	31-Mar-2010	18-Jan-2026
F-TP-00029	AMPLIFIER FOR MULTI-USE OF SINGLE ENVIRONMENTAL SENSOR	PCT	Germany	THORNSE	Granted	06702888.6	18-Jan-2006	1867039	31-Mar-2010	18-Jan-2026
F-TP-00029	AMPLIFIER FOR MULTI-USE OF SINGLE ENVIRONMENTAL SENSOR	PCT	European Patent Convention	THORNSE	Granted	06702888.6	18-Jan-2006	1867039	31-Mar-2010	06-Apr-2025
F-TP-00029	AMPLIFIER FOR MULTI-USE OF SINGLE ENVIRONMENTAL SENSOR	PCT	France	THORNSE	Granted	06702888.6	18-Jan-2006	1867039	31-Mar-2010	18-Jan-2026
F-TP-00029	AMPLIFIER FOR MULTI-USE OF SINGLE ENVIRONMENTAL SENSOR	PCT	United Kingdom	THORNSE	Granted	06702888.6	18-Jan-2006	1867039	31-Mar-2010	18-Jan-2026

PATENT

REEL: 040665 FRAME: 0015

F-TP-00029	AMPLIFIER FOR MULTI-USE OF SINGLE ENVIRONMENTAL SENSOR	PCT	United States of America	THORNSE	Granted	11/886611	06-Apr-2005	7633386	15-Dec-2009	18-Feb-2026
F-TP-00030	DETECTION ARRANGEMENTS	PCT	Australia	THORNSE	Granted	2005328223	17-Aug-2007	2005328223	23-Dec-2010	12-Dec-2025
F-TP-00030	DETECTION ARRANGEMENTS	PCT	Switzerland	THORNSE	Granted	05818457.3	12-Dec-2005	1851857	13-Feb-2013	12-Dec-2025
F-TP-00030	DETECTION ARRANGEMENTS	PCT	Germany	THORNSE	Granted	05818457.3	12-Dec-2005	1851857	13-Feb-2013	12-Dec-2025
F-TP-00030	DETECTION ARRANGEMENTS	PCT	European Patent Convention	THORNSE	Granted	05818457.3	12-Dec-2005	1851857	13-Feb-2013	12-Dec-2025
F-TP-00030	DETECTION ARRANGEMENTS	PCT	France	THORNSE	Granted	05818457.3	12-Dec-2005	1851857	13-Feb-2013	12-Dec-2025
F-TP-00030	DETECTION ARRANGEMENTS	PCT	United Kingdom	THORNSE	Granted	05818457.3	12-Dec-2005	1851857	13-Feb-2013	12-Dec-2025
F-TP-00030	DETECTOR ARRANGEMENTS	PCT	United States of America	THORNSE	Granted	11/884507	12-Dec-2005	7843324	30-Nov-2010	16-Oct-2026
F-TP-00046	Smoke Detector	PCT	Australia	THORNSE	Granted	2005328222	12-Dec-2005	2005328222	07-Jan-2010	12-Dec-2025
F-TP-00046	OPTICAL SMOKE CHAMBER MONITORING USING SPECULAR REFLECTION	PCT	Switzerland	THORNSE	Granted	05818487.0	12-Dec-2005	1851744	16-Jul-2008	12-Dec-2025
F-TP-00046	OPTICAL SMOKE CHAMBER MONITORING USING SPECULAR REFLECTION	PCT	Germany	THORNSE	Granted	05818487.0	12-Dec-2005	602005008284.0-08	16-Jul-2008	12-Dec-2025
F-TP-00046	OPTICAL SMOKE CHAMBER MONITORING USING SPECULAR REFLECTION	PCT	European Patent Convention	THORNSE	Granted	05818487.0	12-Dec-2005	1851744	16-Jul-2008	12-Dec-2025
F-TP-00046	OPTICAL SMOKE CHAMBER MONITORING USING SPECULAR REFLECTION	PCT	France	THORNSE	Granted	05818487.0	12-Dec-2005	1851744	16-Jul-2008	12-Dec-2025
F-TP-00046	OPTICAL SMOKE CHAMBER MONITORING USING SPECULAR REFLECTION	PCT	United Kingdom	THORNSE	Granted	05818487.0	12-Dec-2005	1851744	16-Jul-2008	12-Dec-2025

F-TP-00046	SMOKE DETECTOR	PCT	United States of America	THORNSE	Granted	11/884291	12-Dec-2005	7940190	10-May-2011	11-Apr-2027
F-TP-00054	DETECTOR	PCT	Australia	THORNSE	Granted	2006251046	17-Feb-2006	2006251046	03-Mar-2011	17-Feb-2026
F-TP-00054	DETECTOR	PCT	Germany	THORNSE	Published	06709808.7	17-Feb-2006			
F-TP-00054	WINDOW CLEANLINESS DETECTION SYSTEM	PCT	European Patent Convention	THORNSE	Published	06709808.7	17-Feb-2006			
F-TP-00054	WINDOW CLEANLINESS DETECTION SYSTEM	PCT	United States of America	THORNSE	Granted	11/921113	17-Feb-2006	7948628	24-May-2011	12-Jul-2026
F-TP-00055	A FLAME DETECTOR AND A METHOD	PCT	Australia	THORNSE	Granted	2006251047	17-Feb-2006	2006251047	08-Sep-2011	17-Feb-2026
F-TP-00055	A FLAME DETECTOR AND A METHOD	PCT	United States of America	THORNSE	Granted	11/921111	17-Feb-2006	7956329	07-Jun-2011	06-May-2026
F-TP-00117	SENSOR TEMPERATURE CONTROL SYSTEM	PCT	European Patent Convention	THORNSE	Published	07824656.8	20-Nov-2007			
F-TP-00117	A DETECTOR	PCT	United States of America	THORNSE	Published	12/525928	20-Nov-2007			
F-TP-00118	IDENTIFYING A PLURALITY OF DEVICES	PCT	European Patent Convention	THORNSE	Pending	08775950.1	16-Jul-2008			
F-TP-00118	IDENTIFYING A PLURALITY OF DEVICES	PCT	United States of America	THORNSE	Granted	12/688531	16-Jul-2008	8232869	31-Jul-2012	24-Feb-2029
F-TP-00156	Detector	PRI	United Kingdom	THORNSE	Pending	0704847.3	13-Mar-2007			
F-TP-00156	Detector	PCT	United States of America	THORNSE	Granted	12/530241	11-Mar-2008	8154415	10-Apr-2012	26-May-2029
F-TP-00157	FIRE GAS DETECTOR-CODING	PCT	Switzerland	THORNSE	Granted	08718718.3	13-Mar-2008	2140435	24-Oct-2012	13-Mar-2028
F-TP-00157	FIRE GAS DETECTOR-CODING	PCT	Germany	THORNSE	Granted	08718718.3	13-Mar-2008	2140435	24-Oct-2012	13-Mar-2028
F-TP-00157	FIRE GAS DETECTOR-CODING	PCT	European Patent Convention	THORNSE	Granted	08718718.3	13-Mar-2008	2140435	24-Oct-2012	13-Mar-2028
F-TP-00157	FIRE GAS DETECTOR-CODING	PCT	France	THORNSE	Granted	08718718.3	13-Mar-2008	2140435	24-Oct-2012	13-Mar-2028
F-TP-00157	FIRE GAS DETECTOR-CODING	PCT	United Kingdom	THORNSE	Granted	08718718.3	13-Mar-2008	2140435	24-Oct-2012	13-Mar-2028
F-TP-00157	FIRE GAS DETECTOR-CODING	CON	United States of America	THORNSE	Granted	12/568423	28-Sep-2009	8198997	12-Jun-2012	21-Jul-2029

R-FD-00002	A PARTICULATE DETECTOR	PCT	Australia	THORNSE	Pending	2009299563	01-Oct-2009			
R-FD-00002	A PARTICULATE DETECTOR	PCT	European Patent Convention	THORNSE	Published	09785183.6	01-Oct-2009			
R-FD-00002	A PARTICULATE DETECTOR	PCT	United States of America	THORNSE	Granted	13/121467	01-Oct-2009	8559006	15-Oct-2013	09-Oct-2030
R-FD-00015	DETECTOR DEVICES		European Patent Convention	THORNSE	Published	11711112.0	11-Feb-2011			
R-FD-00015	DETECTOR DEVICES		United States of America	THORNSE	Published	13/578522	10-Aug-2012			
R-FD-00029	FIRE DETECTION BY SENSING FLUORESCENCE OF FIRE PRODUCTS		Australia	THORNSE	Pending	2013220147	29-May-2014			
R-FD-00029	FIRE DETECTION BY SENSING FLUORESCENCE OF FIRE PRODUCTS		European Patent Convention	THORNSE	Published	13706679.1	13-Feb-2013			
R-FD-00029	COMBUSTION PRODUCT DETECTION		United States of America	THORNSE	Pending	14/364080	10-Jun-2014			
R-FD-00029	FIRE DETECTION BY SENSING FLUORESCENCE OF FIRE PRODUCTS		Patent Cooperation Treaty	THORNSE	Published	G813/050332	13-Feb-2013			
R-FD-00033	MOUNTING UNIT		Australia	THORNSE	Pending	2011309880	03-Oct-2011			
R-FD-00033	MOUNTING UNIT		European Patent Convention	THORNSE	Published	11773112.5	03-Oct-2011			
R-FD-00033	MOUNTING UNIT		United States of America	THORNSE	Published	13/877038	29-Mar-2013			
R-FD-00034	SAFETY SYSTEM		Australia	THORNSE	Published	2011311359	04-Oct-2011			
R-FD-00034	DATA STORAGE IN DETECTOR		European Patent Convention	THORNSE	Pending	111785048.7	04-Oct-2011			
R-FD-00034	SAFETY SYSTEM		United States of America	THORNSE	Published	13/877312	01-Apr-2013			
R-FD-00035	DETECTOR SYSTEM		Australia	THORNSE	Pending	2011311361	04-Oct-2011			
R-FD-00035	DETECTOR SYSTEM		Australia	THORNSE	Pending	2015200391	28-Jan-2015			
R-FD-00035	DETECTOR SYSTEM		Australia	THORNSE	Pending	201500392	28-Jan-2015			

R-FD-00035	DETECTOR SYSTEM		European Patent Convention	THORNSE	Published	11788548.3	03-May-2013			
R-FD-00035	DETECTOR SYSTEM		United States of America	THORNSE	Published	13/877045	29-Mar-2013			
R-FD-00036	ISOLATOR CIRCUIT		Australia	THORNSE	Pending	2011311360	04-Oct-2011			
R-FD-00036	ISOLATOR CIRCUIT		European Patent Convention	THORNSE	Published	11784733.5	04-Oct-2011			
R-FD-00036	ISOLATOR CIRCUIT		United States of America	THORNSE	Published	13/877056	29-Mar-2013			
R-FD-00038	FIRE DETECTOR UNIT		United Kingdom	THORNSE	Granted	1101360.4	26-Jan-2011	2487560	04-Sep-2013	26-Jan-2031
R-FD-00049	REDUNDANT COMMUNICATION S-NBUS CONCEPT		United Kingdom	THORNSE	Published	1217970.1	08-Oct-2012			
R-FD-00049	INTERFACE CIRCUIT FOR DISTRIBUTED FIRE ALARM IN LOOP CONFIGURATION		Patent Cooperation Treaty	THORNSE	Published	GB13/052518	08-Oct-2013			
R-FD-00079	ALARM PANEL		United Kingdom	THORNSE	Pending	1320344.3	18-Nov-2013			
R-FD-00081	CONTROL PANEL FOR A FIRE DETECTION SYSTEM		European Patent Convention	THORNSE	Pending	14195284.6	27-Nov-2014			
R-FD-00081	CONTROL PANEL FOR A FIRE DETECTION SYSTEM		United Kingdom	THORNSE	Pending	1321139.6	29-Nov-2013			
R-FD-00043	DYNAMIC DRIFT COMPENSATION ALGORITHM		United Kingdom	THORNSE	Pending	1507574.0	01-May-2015			
R-FD-00049	REDUNDANT COMMUNICATION S-NBUS CONCEPT		AU	THORNSE	Pending	2013328423	08-Oct-2013			
R-FD-00049	REDUNDANT COMMUNICATION S-NBUS CONCEPT		EP	THORNSE	Pending	13774772.1	08-Oct-2013			
R-FD-00049	REDUNDANT COMMUNICATION S-NBUS CONCEPT		US	THORNSE	Pending	14/432703	08-Oct-2013			
R-FD-00079	FAST ACCESS LED FOR FIRE PANEL DISPLAY		PCT	THORNSE	Published	2014/053395	17-Nov-2014			

EXHIBIT B
ASSIGNMENT OF TRADEMARK RIGHTS

Thorn Security Ltd., a United Kingdom company with a registered address at Dunhams Lane, Letchworth Garden City, Hertfordshire SG6 1BD and a place of business at Security House, The Summit, Hanworth Road, Sunbury-on-Thames, TW16 5DB, United Kingdom ("Assignor"), hereby sells, assigns and transfers all of its rights, title and interest in the attached trademarks, including all common law rights, and trademark registrations and pending applications therefor together with the good will of the business symbolized by the trademarks, including all rights of priority and other filings in any country, and including the rights to recover all damages for infringements including damages by reason of past, present, or future infringement or any other violation of trademark or trademark applications rights and the rights to enforce them in relation to infringements occurring before, on or after the effective date of this assignment, in any country and in any court, and including the right to bring, make, oppose, defend, appeal proceedings, claims or actions in any court anywhere in the world and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership of any of the attached trademarks and trademark applications (including without limitation all rights of priority and other filings in any country) whether occurring before, on or after the effective date of this assignment, in consideration of One Dollar (\$1.00), and other good and valuable compensation, the receipt of which is hereby acknowledged, to Tyco Fire & Security GmbH, a Swiss limited liability company registered under the number CH-290.3.017.193-9, whose registered seat is at Victor von Bruns-Strasse 21, 8212 Neuhausen am Rheinfall, Switzerland ("Assignee") and hereby authorizes Assignee to record or have recorded the assignment/transfer of such rights with the relevant patent offices and authorities, including the change of ownership.

THORN SECURITY LTD.

Date: 29/07/15
Represented by: [Signature]
Name: A.B. ALPHONSE
Title: DIRECTOR

TYCO FIRE & SECURITY GMBH

Date: 20 JUL 2015
Represented by: [Signature]
Name: James Graham
Title: Managing Director
Date: _____
Represented by: _____
Name: _____
Title: _____

ASSIGNED TRADEMARKS AND TRADEMARK APPLICATIONS:

Ref. No.	Country	Trade-mark	Status	App. No.	File Date	Reg. No.	Reg. Date	Next Renewal Date	Registered Owner
UK-66	United Kingdom	AFA	Registered	1032212	09-Jul-74	1032212	09-Jul-74	09-Jul-15	Thorn Security Limited
UK-62	Singapore	AFA-MINERVA	Registered	78238	25-Nov-78	T78/782381	25-Nov-78	25-Nov-19	Thorn Security Limited
UK-69	United Kingdom	FIDELA	Registered	769014	07-Sep-57	769014	07-Sep-57	07-Sep-16	Thorn Security Limited
T-W-AM-00043	Uruguay	FIRECLAS S	Registered	442.941	14-Feb-13	442.941	07-Aug-14	07-Aug-24	Thorn Security Limited
T-W-AM-00044	Canada	FIRECLAS S	Published	1613245	11-Feb-13				Thorn Security Limited
T-W-AM-00023	India	FIRECLAS S	Pending	2242395	30-Nov-11				Thorn Security Limited
T-W-AM-00045	Chile	FIRECLAS S	Pending	1056067	29-Apr-13				Thorn Security Limited
T-F-FD-00055	Chile	FIRECLAS S	Pending	1111171	13-Jun-14				Thorn Security Limited
T-W-AM-00034	United Arab Emirates	FIRECLAS S & DESIGN	Registered	169010	08-Feb-12	169010	01-May-13	08-Feb-22	Thorn Security Limited
T-F-FD-00058	Colombia	FIRECLAS S & DESIGN	Registered	13-025.450	07-Feb-13	480.218	30-Sep-13	30-Sep-23	Thorn Security Limited
T-F-FD-00059	Colombia	FIRECLAS S & DESIGN	Registered	13-025.453	07-Feb-13	495.630	30-Jul-14	30-Jul-24	Thorn Security Limited
T-W-AM-00046	Colombia	FIRECLAS S & DESIGN	Registered	13025456	07-Feb-13	478.731	30-Aug-13	30-Aug-23	Thorn Security Limited
T-N-FS-00008	Pakistan	FIRECLAS S & DESIGN	Pending	348356	22-Oct-13				Thorn Security Limited
T-W-AM-00037	Venezuela	FIRECLAS S & DESIGN	Registered	20131744	31-Jan-13	P-340.526	20-May-14	20-May-29	Thorn Security Limited
T-W-AM-00041	Venezuela	FIRECLAS S & DESIGN	Registered	20131745	31-Jan-13		23-Jan-14	23-Jan-29	Thorn Security Limited
T-W-AM-00042	Venezuela	FIRECLAS S & DESIGN	Registered	20131746	31-Jan-13		23-Jan-14	23-Jan-29	Thorn Security Limited
T-W-AM-00035	India	FIRECLAS S & DESIGN	Pending	2279680	08-Feb-12				Thorn Security Limited
T-N-FS-00011	Ecuador	FIRECLAS S & DESIGN	Published	201351138	07-Nov-13				Thorn Security Limited
T-W-	Europea	FIRECLAS	Registered	01018213	08-Aug-	010182137	30-Jan-	08-Aug-21	Thorn

AM-00015	n Commun ity	S & DESIGN	d	7	11		12		Security Limited
T-W-AM-00036	Peru	FIRECLAS S & DESIGN	Registere d	517788- 2012	18-Dec- 12	6493	20-Aug- 13	20-Aug-23	Thorn Security Limited
T-N-FS-00009	Paragua y	FIRECLAS S & DESIGN	Pending	52859/20 13	07-Nov- 13				Thorn Security Limited
T-W-AM-00033	Madrid Agreem ent	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Albania	FIRECLAS S & DESIGN	Pending	1111729					Thorn Security Limited
	Boznia + Herzego vina	FIRECLAS S & DESIGN	Registere d	1111729		1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Belarus	FIRECLAS S & DESIGN	Registere d	1111729		1111729	06-05- 2015	08-Feb-22	Thorn Security Limited
	Switzerla nd	FIRECLAS S & DESIGN	Registere d	1111729		1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	China	FIRECLAS S & DESIGN	Pending	1111729	11-08- 2011				Thorn Security Limited
	Egypt	FIRECLAS S & DESIGN	Pending	1111729	11-08- 2011				Thorn Security Limited
	Israel	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Kenya	FIRECLAS S & DESIGN	Pending	1111729	11-08- 2011				Thorn Security Limited
	Liechten stein	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Morocco	FIRECLAS S & DESIGN	Pending	1111729	11-08- 2011				Thorn Security Limited
	Moldava	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Monten egro	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Macedo nia	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Norway	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited
	Serbia	FIRECLAS S & DESIGN	Registere d	1111729	11-08- 2011	1111729	08-Feb- 12	08-Feb-22	Thorn Security Limited

	Russian Federation	FIRECLAS S & DESIGN	Registered	1111729	11-08-2011	1111729	08-Feb-12	08-Feb-22	Thorn Security Limited
	San Marino	FIRECLAS S & DESIGN	Registered	1111729	11-08-2011	1111729	08-Feb-12	08-Feb-22	Thorn Security Limited
	Turkey	FIRECLAS S & DESIGN	Pending	1111729	11-08-2011				Thorn Security Limited
	Ukraine	FIRECLAS S & DESIGN	Registered	1111729	11-08-2011	1111729	08-Feb-12	08-Feb-22	Thorn Security Limited
	USA	FIRECLAS S & DESIGN	Registered	1111729	11-08-2011	1111729	08-Feb-12	08-Feb-22	Thorn Security Limited
T-W-AM-00026	Saudi Arabia	FIRECLAS S & DESIGN	Registered	178379	08-Aug-11	143303.367	20-Jan-2014	22-Oct-2021	Thorn Security Limited
T-W-AM-00027	South Africa	FIRECLAS S & DESIGN	Registered	2012/02978	08-Aug-11	2012/02978	05-Sep-13	08-Aug-21	Thorn Security Limited
T-W-AM-00038	Brazil	FIRECLAS S & DESIGN	Published	905710525	21-Dec-12				Thorn Security Limited
T-W-AM-00039	Brazil	FIRECLAS S & DESIGN	Published	905710703	21-Dec-12				Thorn Security Limited
T-W-AM-00040	Brazil	FIRECLAS S & DESIGN	Published	905711050	21-Dec-12				Thorn Security Limited
T-F-FD-00054	Argentina	FIRECLAS S & DESIGN	Pending	3353087	11-Sep-14				Thorn Security Limited
T-N-FS-00006	Argentina	FIRECLAS S & DESIGN	Pending	3353085	11-Sep-14				Thorn Security Limited
T-F-FD-00003	United Arab Emirates	FLAMEVISION	Published	207569	10-Mar-14				Thorn Security Limited
T-F-TP-00576	Saudi Arabia	FLAMEVISION & DESIGN	Published	196330	05-May-13				Thorn Security Limited
T-F-FD-00007	Madrid Agreement	FLAMEVISION	Registered	1193459	27-Jan-14	1193459	27-Jan-14	27-Jan-24	Thorn Security Limited
	Russian Federation	FLAMEVISION	Registered	1193459	27-Jan-14	1193459	27-Jan-14	27-Jan-24	Thorn Security Limited
T-F-FD-00002	European Community	FLAMEVISION	Registered	12422606	12-Dec-13	12422606	07-May-14	12-Dec-23	Thorn Security Limited
T-F-TP-00597	European Community	FLAMEVISION & DESIGN	Registered	11569357	13-Feb-13	11569357	10-Jul-13	13-Feb-23	Thorn Security Limited
T-F-TP-00598	Madrid Agreement	FLAMEVISION &	Registered	1158227	18-May-13	1158227	22-Feb-13	22-Feb-23	Thorn Security

	ent	DESIGN							Limited
	Korea	FLAMEVISION & DESIGN	Registered	1158227	18-May-13	1158227	22-Feb-13	22-Feb-23	Thorn Security Limited
	Singapore	FLAMEVISION & DESIGN	Registered	1158227	18-May-13	1158227	22-Feb-13	22-Feb-23	Thorn Security Limited
UK-70	United Kingdom	GODDES S OF FIRE device	Registered	964235	24-Aug-70	964235	24-Aug-70	24-Aug-15	Thorn Security Limited
UK-73	United Kingdom	INFRASCOPE	Registered	959412	09-May-70	959412	09-May-70	09-May-15	Thorn Security Limited
UK-77	United Kingdom	JELBUS	Registered	1262108	07-Mar-86	1262108	07-Mar-86	7-Mar-17	Thorn Security Limited
UK-80	United Kingdom	JELNET	Registered	1262110	07-Mar-86	1262110	07-Mar-86	07-Mar-17	Thorn Security Limited
UK-53	Benelux	LATTICE T DEVICE SERIES OF 2	Registered	843080	22-Feb-95	569371	01-Feb-96	22-Feb-2025	Thorn Security Limited
UK-61	Malaysia	LATTICE T DEVICE SERIES OF 2	Registered	95003076	06-Apr-95	95003076	11-Mar-98	6-Apr-22	Thorn Security Limited
UK-58	Hong Kong	LATTICE T DEVICE SERIES OF 2	Registered	229295	01-Nov-94	199606274	11-Jul-96	01-Nov-25	Thorn Security Limited
UK-63	Singapore	LATTICE T DEVICE SERIES OF 2	Registered	171795	01-Nov-94	171795	01-Nov-94	01-Nov-14	Thorn Security Limited
UK-83	United Kingdom	LATTICE T DEVICE SERIES - 2OF 2	Registered	2004794	01-Nov-94	2004794	2-Feb-96	01-Nov-24	Thorn Security Limited
UK-84	United Kingdom	MAY-OATWAY	Registered	997471	24-Aug-72	997471	24-Aug-72	24-Aug-17	Thorn Security Limited
UK-86	United Kingdom	MINERVA	Registered	841236	02-Nov-62	841236	02-Nov-62	02-Nov-17	Thorn Security Limited
UK-87	United Kingdom	MINERVA	Registered	1571422	11-May-94	1571422	22-Dec-95	11-May-21	Thorn Security Limited
UK-108	South Africa	MINERVA	Registered	2001/16658/1	25-Sep-01	2001/16658/1	25-Sep-01	25-Sep-21	Thorn Security Limited
UK-104	Australia	MINERVA	Registered	890046	24-Sep-01	890046	03-May-02	24-Sep-21	Thorn Security Limited
T-W-AM-00019	Brazil	MINERVA	Registered	831226013	19-Sep-11	831226013	26-May-2015	26-May-2025	Thorn Security Limited

UK-102	European Community	MINERVA	Registered	2421741	22-Oct-01	2421741	08-Aug-05	22-Oct-21	Thorn Security Limited
UK-59	Hong Kong	MINERVA	Registered		02-Apr-79	19800688	14-Apr-80	02-Apr-24	Thorn Security Limited
UK-106	New Zealand	MINERVA	Registered	645983	26-Sep-01	645983	26-Sep-01	26-Sep-18	Thorn Security Limited
UK-88	United Kingdom	MINERVA & OWL DEVICE	Registered	677088	15-Feb-49	677088	15-Feb-49	15-Feb-18	Thorn Security Limited
F-14122	Italy	MX TECHNOLOGY	Registered	RM2003C00259	30-Nov-00	1372001	04-Jun-07	30-Nov-20	Thorn Security Limited
F-14126	Benelux	MX TECHNOLOGY	Registered	0200347	30-Nov-00	0200347	02-Jun-03	30-Nov-20	Thorn Security Limited
F-14123	Spain	MX TECHNOLOGY	Registered	2504030(8)	02-Sep-02	2504030	12-Mar-03	02-Sep-22	Thorn Security Limited
F-14113	Canada	MX TECHNOLOGY	Registered	1123253	26-Nov-01	684646	27-Mar-07	27-Mar-22	Thorn Security Limited
F-14124	United Kingdom	MX TECHNOLOGY	Registered	2313718	30-Nov-00	2313718	30-Nov-00	30-Nov-20	Thorn Security Limited
F-14127	Greece	MX TECHNOLOGY	Registered	225	08-Aug-02	225	18-May-04	08-Aug-22	Thorn Security Limited
F-14111	Australia	MX TECHNOLOGY	Registered	896238	27-Nov-01	896238	23-Apr-03	27-Nov-21	Thorn Security Limited
T-F-TP-00523	United Arab Emirates	MZX TECHNOLOGY	Registered	145592	03-Aug-10	145592	21-Aug-2013	03-Aug-2020	Thorn Security Limited
T-W-AM-00016	Switzerland	MZX TECHNOLOGY	Registered	60317/2011	13-Sep-11	624767	13-Sep-11	13-Sep-21	Thorn Security Limited
T-W-AM-00017	Norway	MZX TECHNOLOGY	Registered	201110273	07-Sep-11	263357	12-Jan-12	07-Sep-21	Thorn Security Limited
T-F-TP-00511	Australia	MZX TECHNOLOGY	Registered	1262553	15-Sep-08	1262553	23-Apr-09	15-Sep-18	Thorn Security Limited
T-F-TP-00509	European Community	MZX TECHNOLOGY	Registered	007235849	16-Sep-08	007235849	05-May-09	16-Sep-18	Thorn Security Limited
T-W-AM-00002	Korea, Republic of	MZX TECHNOLOGY	Registered	40-2010-39064	27-Jul-10	40-905554	20-Feb-12	20-Feb-22	Thorn Security Limited
T-F-TP-00513	New Zealand	MZX TECHNOLOGY	Registered	796046	15-Sep-08	796046	15-Sep-08	15-Sep-18	Thorn Security Limited
T-F-TP-	Saudi	MZX	Registered	157274	18-Jul-10	1355/71	24-Apr-	18-Mar-	Thorn

00521	Arabia	TECHNO LOGY	d				12	20	Security Limited
T-W- AM- 00001	Singapor e	MZX TECHNO LOGY	Registere d	T1009170 D	20-Jul-10	T1009170D	20-Jul-10	20-Jul-20	Thorn Security Limited
T-F-TP- 00512	Australia	MZX TECHNO LOGY & DESIGN	Registere d	1262554	15-Sep- 08	1262554	23-Apr- 09	15-Sep-18	Thorn Security Limited
T-F-TP- 00510	Europea n Communi ty	MZX TECHNO LOGY & DESIGN	Registere d	00723593 1	16-Sep- 08	007235931	05-May- 09	16-Sep-18	Thorn Security Limited
T-F-TP- 00514	New Zealand	MZX TECHNO LOGY & DESIGN	Registere d	796044	15-Sep- 08	796044	15-Sep- 08	15-Sep-18	Thorn Security Limited
T-W- AM- 00031	China	MZX TECHNO LOGY & DESIGN	Registere d	10256222	01-Dec- 11	10256222	07-Feb- 13	06-Feb-23	Thorn Security Limited
T-W- AM- 00018	China	MZX TECHNO LOGY & DESIGN	Registere d	10256221	01-Dec- 11	10256221	07-Feb- 13	06-Feb-23	Thorn Security Limited
UK-93	United Kingdom	REARGU ARD	Registere d	1447410	10-Nov- 90	B1447410	10-Nov- 90	10-Nov-17	Thorn Security Limited
UK-94	United Kingdom	SATURN	Registere d	1066104	23-Jul-76	1066104	23-Jul-76	23-Jul-17	Thorn Security Limited
UK-95	United Kingdom	SATURN	Registere d	1417816	19-Mar- 90	1417816	18-Apr- 95	19-Mar- 17	Thorn Security Limited
UK-97	United Kingdom	SITEGUA RD	Registere d	2010136	03-Feb- 95	2010136	23-May- 97	03-Feb-25	Thorn Security Limited
UK-98	United Kingdom	SITEGUA RD IN SPECIAL FORM	Registere d	1498725	28-Apr- 92	1498725	17-Feb- 95	28-Apr-19	Thorn Security Limited
UK-99	United Kingdom	SMARTSI GNAL	Registere d	2064829	27-Mar- 96	2064829	18-Oct- 96	27-Mar- 16	Thorn Security Limited
UK-90	United Kingdom	ONGUAR D	Registere d	1058503	09-Feb- 76	B1058503	18-Apr- 77	09-Feb-17	Thorn Security Limited
UK-91	United Kingdom	ONGUAR D	Registere d	977703	14-Jul-71	B977703	11-May- 72	14-Jul-16	Thorn Security Limited

EXHIBIT C
DEFINITION OF PRODUCTS

"Products" means electronic fire detection and alarm products including but not limited to:

- **Control panels, initiating devices, notification appliances, workstations and accessories; and**
- **Integrated security, access control, intrusion detection and monitoring, video, storage, and peripherals and accessories; and**
- **Emergency communications systems, public address, mass notification systems, emergency lighting; and**
- **Healthcare communications, asset and personnel location, wandering resident, infant security, two-way voice communications; and**
- **Master time and control and clocks, time recorders, and time stamps; and**
- **products that incorporate elements of products described in (i) through (v) above.**