

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4510488

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
	Name
NATIONAL AUSTRALIA BANK	Execution Date 04/01/2016

RECEIVING PARTY DATA

Name:	XTRALIS GLOBAL
Street Address:	SIXTH FLOOR, SOUTH BANK HOUSE
Internal Address:	BARROW STREET
City:	DUBLIN
State/Country:	IRELAND
Postal Code:	4

PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	29522667
Application Number:	62167212
Application Number:	15045468
Application Number:	61949191
Application Number:	62116997
Application Number:	61949187

CORRESPONDENCE DATA**Fax Number:**

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.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	2085.000001
NAME OF SUBMITTER:	KASIE GROVER
SIGNATURE:	/Kasie Grover/
DATE SIGNED:	07/19/2017

Total Attachments: 135

PATENT

REEL: 043242 FRAME: 0406

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APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country

Australia

This public document
has been signed by _____
acting in the capacity of _____
bears the seal/stamp of _____

Brendan Anthony Bateman
Notary Public
Brendan Anthony Bateman, Notary Public

Certified

At Sydney Passport
Office

6. the 6th day of April, 2016

Terrianne Galvin

Department of Foreign Affairs and Trade
Sydney Passport Office
Australia

UPPT-PN-26171
1/Stamp

10. Signature



This Apostille only certifies the authenticity of the signature (where applicable) and the capacity of the person who has signed the public document, and, where appropriate, the identity of the seal or stamp which the public document bears. This Apostille does not certify the content of the document for which it was issued. This Apostille can be verified at <https://orao.dfat.gov.au/pages/verifyapostille.aspx>

COMMONWEALTH OF THE BAHAMAS

New Providence

THIS DEED OF RELEASE is made the 1st day of April, 2016,
BETWEEN NATIONAL AUSTRALIA BANK LIMITED in its capacity as
Security Trustee of the Trust (hereinafter called the “**Security Trustee**”) of the one
part and **XTRALIS GROUP HOLDINGS LIMITED**, a company incorporated
and existing under the laws of the Commonwealth of The Bahamas (hereinafter
called “**Xtralis Group**”) **AND XTRALIS INTERNATIONAL HOLDINGS
LIMITED**, another company incorporated and existing under the laws of the said
Commonwealth of The Bahamas (hereinafter called “**Xtralis International**”) **AND
XTRALIS TECHNOLOGIES LTD.**, another company incorporated and existing
under the laws of the said Commonwealth of The Bahamas (hereinafter called
“**Xtralis Technologies**”) (**Xtralis Group**, **Xtralis International** and **Xtralis
Technologies** are hereinafter collectively called the “**Security Providers**”) of the
other part.

W H E R E A S: -

(A) By a Pledge of Shares and Collateral (the “**Pledge Deed**”) dated
the 27th day of February, 2006, made between the Security Providers of the one
part and the Security Trustee of the other part, the Security Providers charged the
Shares and charged the Collateral to the Security Trustee to secure the payment of
the Secured Money;

(B) By a Deed Poll of Release (the “**Release**”) dated on or about the
date of this deed, the Security Trustee unconditionally and irrevocably released
and discharged all security interests, pledges, charges and other encumbrances
granted to the Security Trustee by the Security Providers under the Pledge Deed;

(C) Pursuant to the terms of the Release, the Security Trustee wishes to
execute this deed; and

(D) The terms not defined in this deed shall have the meaning ascribed
to them in the Pledge Deed.



NOW THIS DEED WITNESSETH as follows:-

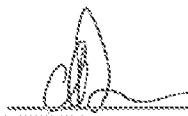
1. In pursuance of the foregoing, the Security Trustee hereby unconditionally and irrevocably surrenders, releases and discharges unto the Security Providers **ALL** the said Shares and Collateral from the charge created by the Pledge Deed **TO HOLD** the same unto the Security Providers absolutely freed and discharged from the Pledge Deed and from all claims and demands in respect thereof and the Security Trustee hereby reassigns all right, interest and title to the Shares and Collateral to the Security Providers.

2. This deed shall be governed by and construed in accordance with the laws of the Commonwealth of The Bahamas.

IN WITNESS WHEREOF this deed has been executed as a deed by duly authorised representatives and is hereby delivered on the date specified above.

EXECUTED AS A DEED for

National Australia Bank Limited

By: 

Print Name: Charles Davis

The foregoing Deed of Release was executed in the presence of: -



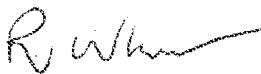
Witness



AUSTRALIA

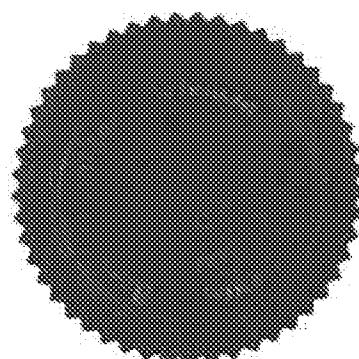
I, Richard Wheeler of Level 25, 255 George Street, Sydney, New South Wales, Australia (Address), make oath and say that I was present and saw the annexed Deed of Release executed by Charles Davis and that I saw the said Charles Davis sign, execute and deliver the said Deed of Release as and for the act and deed of the Security Trustee and for the purposes therein mentioned and that I witnessed the execution of the said Deed of Release.

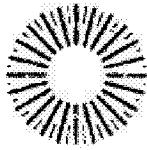
SWORN to this 1st day)
of April, 2016.)

By: _____ 

Before me,


**BRENDAN ANTHONY BATEMAN
NOTARY PUBLIC
Sydney, New South Wales, Australia
My appointment is not limited by time.**





HERBERT
SMITH
FREEHILLS

Deed

Execution Version

Deed poll of release

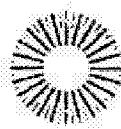
National Australia Bank Limited (**Security Trustee**)

National Australia Bank Limited (**Senior Facility Agent**)

Best Investments (Delaware) L.L.C. (**RPS Facility Agent**)

Xtralis Group Holdings Limited (**Holdco 1**)

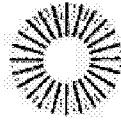
Xtralis Holdings (Aust) Pty Ltd (**Aus Holdco**)



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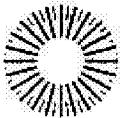
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Deed poll of release

Date ✕ *1 April 2016*

By

Security Trustee **National Australia Bank Limited** ABN 12 004 044 937 in its capacity as Security Trustee under the Security Trust and Intercreditor Deed
of Level 25, 255 George Street, Sydney NSW 2000

Senior Facility Agent **National Australia Bank Limited** ABN 12 004 044 937 in its capacity as Facility Agent under the Senior Facility Agreement
of Level 25, 255 George Street, Sydney NSW 2000

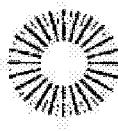
RPS Facility Agent **Best Investments (Delaware) L.L.C.** in its capacity as RPS Facility Agent under the RPS Guarantee and Subscription Agreement
of The Corporation Trust Company, Corporation Trust Center 1209 Orange Street, City of Wilmington, County of New Castle Delaware, 19801, USA

Holdco 1 **Xtralis Group Holdings Limited**
of Level 4, 13-17 Dawson Street, Dublin 2, Ireland

Aus Holdco **Xtralis Holdings (Aust) Pty Ltd** ACN 117 085 159 on its own behalf and on behalf of each other Obligor

Recitals

- 1 Each Released Xtralis Party charged and mortgaged its property and assets under the Released Documents.
- 2 All moneys the payment of which was secured under the Released Documents have been paid or repaid or otherwise satisfied in full.
- 3 The Security Trustee agrees to absolutely, unconditionally and irrevocably release and discharge the Released Assets from the Released Documents in accordance with this deed.

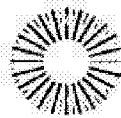


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1 Definitions and interpretation

This deed witnesses

that, for valuable consideration, the receipt and sufficiency of which is acknowledged, the parties agree as follows:

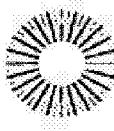


1 Definitions and interpretation

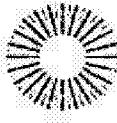
1.1 Definitions

The meanings of the terms used in this deed are set out below.

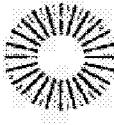
Term	Meaning
Bahamian Deed of Release	each of: <ol style="list-style-type: none">1. a deed of release between National Australia Bank Limited in its capacity as Security Trustee, Holdco 1, Xtralis International Holdings Limited and Xtralis Technologies Ltd; and2. a deed of release between National Australia Bank Limited in its capacity as Security Trustee, Xtralis LRC Limited and Xtralis ULC Inc., governed by the laws of the Commonwealth of The Bahamas in relation to releases given under clause 2.1 in the form agreed prior to the date of the Escrow Deed.
Belgian Obligor	1. Belgian Automation Units NV; 2. Télé-Technique-Générale SA; 3. Ving Holdings (Belgium) BVBA; and 4. V.S.K. Electronics NV.
Business Day	a day on which banks are open for business in Sydney, Australia excluding a Saturday, Sunday or public holiday.
Effective Date	the date on which the Release Time occurs.
Encumbrance	has the meaning given to it in the Security Trust and Intercreditor Deed.
Escrow Deed	the escrow deed between, among others, the parties to this deed in respect of, among other things, the releases contemplated by this deed.
Facility Agent	1. the Senior Facility Agent; and 2. the RPS Facility Agent.
Finance Document	has the meaning given to it in the Senior facilities agreement dated 28 February 2006 between, among others, each Released Xtralis Party and the Security Trustee (as Facility Agent and Security



Term	Meaning
	Trustee) as amended and restated from time to time (including by the deed titled Substitution, Amendment and Restatement Deed (SFA) 2015 dated 12 June 2015).
Financing Statement	data registered (or that is to be registered) pursuant to an application for registration under section 150(1) of the PPSA.
Financing Change Statement	data amending a Financing Statement registered on the PPS Register.
Hedging Agreement	has the meaning given to it in the Senior Facility Agreement.
Obligor	has the meaning given to it in the Security Trust and Intercreditor Deed
PPSA	the <i>Personal Property Securities Act 2009</i> (Cth).
PPS Register	the Personal Property Securities Register established under section 147 of the PPSA.
Release Time	has the meaning given to it in the Escrow Deed.
Released Assets	the whole of the property the subject of the security interests arising under the Released Documents, including all Released Intellectual Property.
Released Intellectual Property	the registered trademarks, trademark applications, patents, patent applications and registered designs, which is property the subject of the Released Documents, including any such property which is listed in Schedule 3, and any further application(s) including national stage, divisional, continuation or continuation-in-part applications, and international applications or national based applications related to or based on, the registered trademarks, trademark applications, patents or patent applications, which is property the subject of the Released Documents, including any such property which is listed in Schedule 3.
Released Xtralis Party	each Obligor, being: 1 each party listed in Schedule 1; and 2 any other person who becomes an Obligor before the Release



Term	Meaning
	Time.
Released Document	<p>1 each document listed in Part A of Schedule 2;</p> <p>2 each document described in Part B of Schedule 2; and</p> <p>3 each other document (if any) creating or evidencing a Security granted to secure any liability or obligation to, or any guarantee or indemnity in favour of, any Secured Creditor under a Finance Document.</p>
RPS Finance Parties	has the meaning given to it in the Security Trust and Intercreditor Deed.
RPS Subscription and Guarantee Agreement	the document described in item 2 of Schedule 2.
Secured Creditor	has the meaning given to it in the Security Trust and Intercreditor Deed.
Security	has the meaning given to it in the Security Trust and Intercreditor Deed.
Security Trust and Intercreditor Deed	the document described in item 3 of Schedule 2.
Senior Facility Agreement	the document described in item 1 of Schedule 2.
Senior Finance Party	has the meaning given to it in the Security Trust and Intercreditor Deed.
Swiss Share Pledge Agreement	the document described in item 49 of Schedule 2.
Tax	<p>1 any tax including the GST, levy, charge, impost, duty, fee, deduction, compulsory loan or withholding; or</p> <p>2 any income, stamp or transaction duty, tax or charge, which is assessed, levied, imposed or collected by any Government Authority (as defined in the Security Trust and Intercreditor Deed) and includes any interest, fine, penalty, charge,</p>

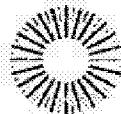


Term	Meaning
	fee or other amount imposed on or in respect of any of the above.
Title Document	any original, duplicate or counterpart certificate or document of title including any real property certificate of title, instrument of transfer, bought and sold notes, certificate of units in a unit trust, share certificate or certificate evidencing an investment instrument or negotiable instrument (in the case of the terms 'certificate', 'investment instrument' or 'negotiable instrument', each within the meaning of the PPSA).
Transactional Facility Agreement	has the meaning given to it in the Security Trust and Intercreditor Deed.

1.2 Construction

Unless expressed to the contrary, in this deed:

- (a) words in the singular include the plural and vice versa;
- (b) "includes" means includes without limitation;
- (c) a reference to:
 - (1) a person includes a partnership, joint venture, unincorporated association, corporation and a government or statutory body or authority;
 - (2) a person includes the person's legal personal representatives, successors, assigns and persons substituted by novation;
 - (3) any legislation includes subordinate legislation under it and includes that legislation and subordinate legislation as modified or replaced;
 - (4) this or any other document includes the document as amended, novated, varied or replaced and despite any change in the identity of the parties;
 - (5) any thing (including any amount) is a reference to the whole or any part of it and a reference to a group of things or persons is a reference to one or more of them;
 - (6) this deed includes all schedules and annexures to it; and
 - (7) a clause, schedule or annexure is a reference to a clause, schedule or annexure, as the case may be, of this deed.



2 Release

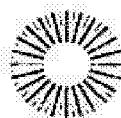
2.1 Release

At and from the Release Time, the Security Trustee absolutely, unconditionally and irrevocably:

- (a) releases and discharges the Released Assets from all security interests (including any "security interest" as defined under the PPSA), charges and other encumbrances (including any mandate to create the same) arising under the Released Documents, notwithstanding anything in the Released Documents to the contrary;
- (b) in relation to the share pledge agreement (notarial deed no. 1196/2011 T) dated 01 November 2011 (the **German Share Pledge Agreement**), acting for itself and the RPS Finance Parties and the Senior Finance Parties, releases (*freigeben*) any pledge constituted under the German Share Pledge Agreement;
- (c) in relation to the Swiss Share Pledge Agreement, acting for itself and as direct representative (*direkter Stellvertreter*) in the name and on behalf of the other Secured Creditors, releases any pledge constituted under the Swiss Share Pledge Agreement in accordance with clause 8 (*Release of Security*) of the Swiss Share Pledge Agreement and the parties to the Swiss Share Pledge Agreement confirm that the Swiss Share Pledge Agreement is terminated with effect at and from the Release Time;
- (d) reassigns all its right, title and interest in the Released Assets assigned to it under the Released Documents to the relevant Released Xtralis Party free from any Encumbrance created under or evidenced by a Released Document, notwithstanding anything in the Released Documents to the contrary;
- (e) releases and discharges all security interests (including any "security interest" as defined under the PPSA), charges and other encumbrances (including any mandate to create the same) granted to the Security Trustee under the Released Documents, notwithstanding anything in the Released Documents to the contrary;
- (f) releases and discharges any assets of a Released Xtralis Party from any Security granted in favour of the Security Trustee;
- (g) acknowledges the revocation of any and all powers of attorney contained in any of the Released Documents and every power and authority thereby conferred, notwithstanding anything in the Released Documents to the contrary.

2.2 Release by Secured Creditors

- (a) Subject to paragraph (b), at and from the Release Time, the Security Trustee (acting on instructions from each Facility Agent) and each Facility Agent (in the case of the Senior Facility Agent, acting on instructions from the Senior Finance Parties and in the case of the RPS Facility Agent acting on instructions from the RPS Finance Parties) absolutely, unconditionally and irrevocably releases and discharges each Released Xtralis Party from all of its obligations and liabilities (including without limitation all guarantees and indemnities given by any Released Xtralis Party) under the Released Documents to which it is a party.
- (b) For the avoidance of doubt on and from the Release Time, clause 13.1 of the Senior Facility Agreement will not apply to payments under any Transactional Facility Agreement or Hedging Agreement.



2.3 Revocation and release by Obligors

At and from the Release Time, Holdco 1, Aus Holdco and each other Obligor:

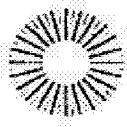
- (a) revokes any and all powers of attorney contained in any of the Released Documents and every power and authority thereby conferred (and to the extent required the other parties to this deed consent to such revocation); and
- (b) releases and discharges the Security Trustee, the Senior Facility Agent, the RPS Facility Agent and each other Secured Creditor from all of its obligations and liabilities under the Released Documents to which it is a party.

2.4 Reliance

This deed poll may be relied on and enforced by any Released Xtralis Party or Secured Creditor even though it is not party to it.

3 Further Assurance

- (a) Within 10 Business Days after the Effective Date, the Security Trustee must register a Financing Change Statement which amends any Financing Statement registered on the PPS Register with respect to the Released Assets to reflect the release of the security under this deed.
- (b) The Security Trustee authorises the Released Xtralis Parties and their designees (including any lender thereto), from and after the Effective Date, to file UCC-3 termination statements with respect to any UCC-1 financing statements in favour of the Security Trustee filed in any United States jurisdiction evidencing a lien on the Released Assets of any Released Xtralis Party under the Released Documents.
- (c) In addition to clause 3(a) and 3(b) of this deed, where requested by a Released Xtralis Party the Security Trustee must take all reasonable steps and execute (or procure execution by its nominees) and provide at the Effective Date all documents reasonably required by any Released Xtralis Party to give effect to the release and reassignment and any other obligation imposed on the Security Trustee by this deed, including but not limited to:
 - (1) (**Hong Kong**) the Security Trustee hereby authorises each director and company secretary of each Released Xtralis Party which has provided a Security registered with the Companies Registry in Hong Kong to provide a certified copy of this deed for the purpose of notifying the Registrar of Companies in Hong Kong of any release given under this deed.
 - (2) (**Belgium**) the delivery of:
 - (A) an original duly executed certificate substantially in the form set out in Schedule 4 (adapted as applicable) to each Belgian Obligor that has provided the Security listed in paragraphs 14, 15, 16 and 17 of Schedule 2 (provided that in respect of the Security described in paragraph 16, the certificate shall be delivered to V.S.K. Electronics NV);
 - (B) four original duly executed documents substantially in the form set out in Schedule 5 to each Released Xtralis Party



- that has granted the Security listed in paragraphs 11, 12, 13, 22 and 56 of Schedule 2;
- (C) the originals of the agreements (if relevant, the *grosse*) documenting the Security set out in paragraphs 20, 21, 30, 26, 27 and 28 of Schedule 2 to the relevant Belgian Obligors; and
- (D) an original duly executed document substantially in the form set out in Schedule 6.
- (d) After the Release Time has occurred, the Security Trustee will promptly execute the Bahamian Deeds of Release and, following completion of notarisation and apostille requirements, promptly deliver the Bahamian Deeds of Release to the relevant Released Xtralis Parties or as they direct.

4 Indemnity

Each Released Xtralis Party indemnifies and must keep indemnified the Security Trustee and each agent appointed by the Security Trustee:

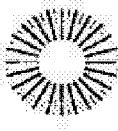
- (a) pursuant to each document contemplated by clause 3(c)(2)(B) in respect of all liabilities incurred in the exercise of the power given under each such document; and
- (b) in respect of all liabilities incurred in performing its obligations under clause 3(c).

5 Title Documents

The parties acknowledge that on the Effective Date all Title Documents held by the Security Trustee in relation to the Released Assets will be delivered in accordance with the Escrow Deed and, in respect of the assets pledged pursuant to the Swiss Share Pledge Agreement, in accordance with clause 8 (*Release of Security*) of the Swiss Share Pledge Agreement.

6 Costs and Expenses

- (a) Holdco 1 must reimburse each of the Security Trustee, the Senior Facility Agent and the RPS Facility Agent and each other Secured Creditor on demand for, and indemnify each of them against, all expenses including legal fees, costs and disbursements (on a solicitor/own client basis) in connection with:
- (1) negotiating, preparing and executing this deed;
 - (2) the performance of its obligations under this deed; and
 - (3) enforcing this deed.
- (b) The Obligors shall be responsible for their own legal fees, costs, disbursements and other expenses incurred in connection with this deed.



7 Stamp duties

Holdco 1:

- (a) must pay all stamp duty, transaction, registration and similar Taxes, including fines and penalties and debits tax which may be payable to or required to be paid by any appropriate authority or determined to be payable in connection with the execution, delivery, performance or enforcement of this deed or any payment, receipt or other transaction in connection with this deed; and
- (b) indemnifies each Facility Agent, the Security Trustee and each other Secured Creditor against any loss or liability incurred or suffered by it as a result of the delay or failure by it to pay any amounts as required in accordance with clause 7(a).

8 Aus Holdco

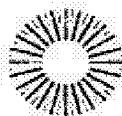
Aus Holdco enters this deed on its own behalf and on behalf of each other Obligor pursuant to clause 1.9 of the Senior Facility Agreement and clause 1.6 of the RPS Subscription and Guarantee Agreement.

9 Attorneys

Each of the attorneys executing this deed states that the attorney has no notice of the revocation of the power of attorney appointing that attorney.

10 Governing Law

- (a) Subject to paragraph (b) below, this deed is governed by the laws of New South Wales.
- (b) In relation to any Released Documents which are governed by English law, clause 2 (*Release*) of this deed and any non-contractual obligations arising in connection therewith shall be governed and construed in accordance with English law.
- (c) Notwithstanding paragraph (a) above, the release of the Swiss Share Pledge Agreement and any other Swiss law governed security shall be governed by and construed in accordance with the substantive laws of Switzerland.
- (d) Each party irrevocably submits to the non-exclusive jurisdiction of the courts of New South Wales.



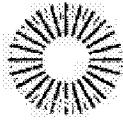
11 Counterparts

- (a) This deed may be executed in any number of counterparts.
- (b) All counterparts, taken together, constitute one instrument.
- (c) A party may execute this deed by signing any counterpart.

Schedules

Table of contents

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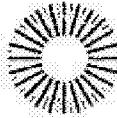
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Schedule 1

Released Xtralis Parties

	Name	Jurisdiction of Incorporation	Australian Company Number/ Company Number (if any)
1	Xtralis Holdings (Aust) Pty Ltd	Australia	117 085 159
2	Xtralis (Aust) Pty Ltd	Australia	100 259 381
3	Xtralis Security (Aust) Pty Ltd (formerly VSEH Subco Pty Ltd)	Australia	109 085 485
4	Xtralis Pty Ltd	Australia	008 009 514
5	Xtralis Technologies Ltd	Bahamas	142,548B
6	Xtralis International Holdings Limited	Bahamas	142,289B
7	Xtralis Group Holdings Limited	Bahamas	142,294B
8	Xtralis LRC Limited	Bahamas	165007
9	Xtralis ULC Inc.	Bahamas	165136
10	Xtralis Holdings UK Limited	England & Wales	5704221
11	Xtralis (UK) Limited	England & Wales	02387141

	Name	Jurisdiction of Incorporation	Australian Company Number/ Company Number (if any)
12	ICAM Limited	England & Wales	02133597
13	Xtralis Holdings US, Inc.	Delaware	4107662
14	Xtralis US Global Holdings LLC	Delaware	4314073
15	Xtralis, Inc	Maryland	D04320636
16	Belgian Automation Units NV	Belgium	0426.812.074 (RPR Gent, (afd. Kortrijk))
17	Télé-Technique-Générale SA	Belgium	0428.409.903 (RPR Mons-Charleroi, (afd. Charleroi))
18	Ving Holdings (Belgium) BVBA	Belgium	0892.010.119 (RPR Gent, (afd. Kortrijk))
19	V.S.K. Electronics NV	Belgium	0418.907.564 (RPR Gent, (afd. Kortrijk))
20	Ving Holdings (Hong Kong) Limited	Hong Kong	1165020
21	Xtralis Global	Ireland	515531
22	Xtralis Security Holdings Limited	England & Wales	09244276
23	Xtralis Security (UK) Limited	England & Wales	09245661
24	Xtralis Security US Inc.	Delaware	5607715



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Schedule 2

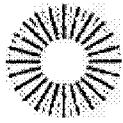
Released Documents

Part A: Facility Agreements and Security Trust and Intercreditor Deed

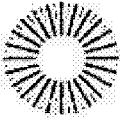
- 1 Senior facilities agreement dated 28 February 2006 between, among others, each Released Xtralis Party and the Security Trustee (as Facility Agent and Security Trustee) as amended and restated from time to time (including by the deed titled Substitution, Amendment and Restatement Deed (SFA) 2015 dated 12 June 2015);
- 2 RPS Subscription and Guarantee Agreement dated 28 February 2006 between, among others, each Released Xtralis Party and AMP Capital Investors Limited (as RPS Facility Agent) as amended and restated from time to time (including by the deed titled Amendment Deed (RPSFA) 2015 dated 12 June 2015);
- 3 Security Trust and Intercreditor Deed dated 28 February 2006 between, among others, each Released Xtralis Party and the Security Trustee (as Security Trustee) as amended and restated from time to time (including by the deed titled Amendment and Restatement Deed (STID) 2015 dated 12 June 2015);

Part B: Security

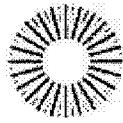
	Jurisdiction	Obligor(s)	Name of Security	Date Granted
4	Australia	Xtralis International Holdings Limited	Share mortgage	28/02/06
5	Australia	Xtralis Holdings (Aust) Pty Limited Xtralis Technologies Ltd	Deed of fixed and floating charge and share mortgage	28/02/06
6	Australia	Xtralis Pty Ltd Xtralis Security (Aust) Pty Ltd (formerly VSEH Subco Pty Ltd) Xtralis (Aust) Pty Ltd	Deed of fixed and floating charge and share mortgage	29/03/06
7	Australia	Xtralis Holdings (Aust) Pty Ltd Xtralis Pty Ltd Xtralis Security (Aust) Pty Ltd (formerly VSEH Subco	Deed of fixed and floating charge and share mortgage	22/10/09



	Jurisdiction	Obligor(s)	Name of Security	Date Granted
		Pty Ltd) Xtralis (Aust) Pty Ltd		
8	Australia	Xtralis Holdings (Aust) Pty Ltd Xtralis Pty Ltd Xtralis Security (Aust) Pty Ltd (formerly VSEH Subco Pty Ltd) Xtralis (Aust) Pty Ltd Xtralis Global Xtralis Technologies Ltd	General Security Deed	16/07/13
9	Bahamas	Xtralis Group Holdings Limited Xtralis International Holdings Limited Xtralis Technologies Ltd	Pledge of shares and collateral	27/02/06
10	Bahamas	Xtralis LRC Limited Xtralis ULC Inc.	Pledge of shares and collateral	28/02/13
11	Belgium	Ving Holdings (Belgium) BVBA	Pledge of shares	03/07/08
12	Belgium	Belgian Automation Units NV	Pledge of shares	03/07/08
13	Belgium	V.S.K. Electronics NV	Pledge of shares	03/07/08
14	Belgium	V.S.K Electronics NV	Pledge of receivables	03/07/08
15	Belgium	Télé-Technique-Générale SA	Pledge of receivables	03/07/08
16	Belgium	I.D.C.S. NV (to be treated as being reference to V.S.K.	Pledge of receivables	03/07/08



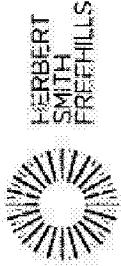
	Jurisdiction	Obligor(s)	Name of Security	Date Granted
Electronics NV following the merger of those two entities)				
17	Belgium	Ving Holdings (Belgium) BVBA	Pledge of receivables	03/07/08
18	Belgium	V.S.K. Electronics NV	Floating charge	28/08/08
19	Belgium	Télé-Technique-Générale SA	Floating charge	28/08/08
20	Belgium	V.S.K. Electronics NV	Floating charge mandate	28/07/08
21	Belgium	Télé-Technique-Générale SA	Floating charge mandate	28/07/08
22	Belgium	Ving Holdings (Hong Kong) Limited	Share pledge agreement	03/09/08
23	Belgium	V.S.K. Electronics NV	Mortgage	28/08/08
24	Belgium	Télé-Technique-Générale SA	Mortgage	28/08/08
25	Belgium	I.D.C.S. NV (to be treated as being reference to V.S.K. Electronics NV following the merger of those two entities)	Mortgage	28/08/08
26	Belgium	V.S.K. Electronics NV	Mortgage mandate	28/08/08
27	Belgium	Télé-Technique-Générale SA	Mortgage mandate	28/08/08
28	Belgium	I.D.C.S. NV (to be treated as being reference to V.S.K.	Mortgage mandate	28/08/08



	Jurisdiction	Obligor(s)	Name of Security	Date Granted
		Electronics NV following the merger of those two entities)		
29	Belgium	V.S.K. Electronics NV	(additional) Floating charge	04/12/09
30	Belgium	V.S.K. Electronics NV	(additional) Floating charge mandate	04/12/09
31	Germany	Xtralis Holdings UK Limited	Share pledge agreement (notarial deed no. 1196/2011T)	01/11/11
32	Hong Kong	Xtralis International Holdings Limited	Share mortgage	26/06/08
33	Hong Kong	Ving Holdings (Hong Kong) Limited	Debenture	03/09/08
34	Hong Kong	Ving Holdings (Hong Kong) Limited	Share mortgage	17/08/10
35	US	Xtralis International Holdings Limited Xtralis Holdings US, Inc.	Stock pledge agreement	28/02/06
36	US	Xtralis Holdings US, Inc.	Pledge Agreement Supplement	03/03/06
37	US	Xtralis Holdings US, Inc. Xtralis Technologies Ltd	Security agreement	28/02/06
38	US	Xtralis, Inc.	Security agreement joinder	03/03/06
39	US	Xtralis US Global Holdings LLC	Security agreement joinder	18/04/07

	Jurisdiction	Obligor(s)	Name of Security	Date Granted
40	US	Xtralis International Holdings Limited	Pledge agreement supplement	18/04/07
41	US	Xtralis Security US Inc.	Security agreement joinder	17/02/15
42	United Kingdom	Xtralis International Holdings Limited	Share mortgage	28/02/06
43	United Kingdom	Xtralis Holdings UK Limited Xtralis Technologies Ltd	Debenture	28/02/06
44	United Kingdom	Xtralis (UK) Limited	Deed of accession (debenture dated 28 February 2006)	07/03/06
45	United Kingdom	ICAM Limited	Deed of accession (debenture dated 28 February 2006)	29/10/08
46	United Kingdom	Xtralis Security (UK) Limited	Deed of accession (debenture dated 28 February 2006)	17/02/15
47	United Kingdom	Xtralis Security Holdings Limited	Deed of accession (debenture dated 28 February 2006)	17/02/15
48	United Kingdom	V.S.K. Electronics NV	Share mortgage	03/07/08
49	Switzerland	Xtralis US Global Holdings LLC (formerly VFS US Global Holdings LLC)	Pledge of shares	17/04/07
50	Ireland	Xtralis Global	Debenture	28/02/13
51	Ireland	Xtralis LRC Limited Xtralis ULC Inc.	Charge of shares	28/02/13

	Jurisdiction	Obligor(s)	Name of Security	Date Granted
52	Ireland	Xtralis Global	Deed of Confirmation and Extension	16/07/13
53	US	Xtralis Security Holdings Limited	Stock pledge agreement	12/06/15
54	US	Xtralis Security Holdings Limited	First supplement – stock pledge agreement	16/07/15
55	Australia	Xtralis Security Holdings Limited	Specific security deed	12/06/15
56	Belgium	Xtralis Security Holdings Limited	Share pledge accession and confirmation agreement	12/06/15
57	US	Xtralis Holdings US, Inc.	Pledge agreement supplement	17/02/15



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Schedule 3

Released Intellectual Property

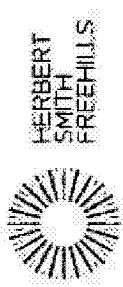
Part 1: Trade Marks

Country	Summary	Number	Class	Status	Priority	Granted	Owner
1 Australia	Trade mark	403445	ADPRO	9	Registered	08 Feb 1984	Xtralis Technologies Limited
2 Australia	Trade mark	1177836	ASIM	9	Registered	24 May 2007	Xtralis Technologies Limited
3 Australia	Trade mark	1601719	ICAM	9, 35, 37, 38, 45	Deferred	15 Jan 2009	Xtralis Technologies Limited
4 Australia	Trade mark	1483374	ICAM BY XTRALIS	9	Registered	30 Mar 2012	Xtralis Technologies Limited
5 Australia	Trade mark	157191	OSID	9	Registered	16 Aug 2013	Xtralis Technologies Limited

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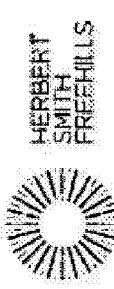
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Schedule 3 Released Intellectual Property

Country	Number	Owner	Class	Status	Expiry	Entered	Entered
6 Australia	1298379	THE SOONER YOU KNOW	9	Registered	11 May 2009	11 May 2009	Xtralis Technologies Limited
7 Australia	355815	VESDA	9	Registered		23 Jan 1981	Xtralis Technologies Limited
8 Australia	962311	VESDA	9, 16, 35, 37, 38, 41, 45	Registered		15 Jul 2003	Xtralis Technologies Limited
9 Australia	1174524	XTRALIS	9	Registered	04 May 2007	04 May 2007	Xtralis Technologies Limited
10 Australia	1300822	XTRALIS	9	Registered	25 May 2009	25 May 2009	Xtralis Technologies Limited
11 Australia	1174529	XTRALIS logo	9	Registered	04 May 2007	04 May 2007	Xtralis Technologies Limited
12 Australia	1300824	XTRALIS Logo	9	Registered	25 May 2009	25 May 2009	Xtralis Technologies Limited



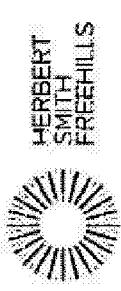
Schedule 3 Released Intellectual Property

Number	Country	Owner	Class	Status	Serial No.	Date of filing	Owner	
13	Australia	Trade mark	1485074	ICAM	9, 16, 35, 37, 38, 45	Lapsed/Not Protected	11 Apr 2012	Xtralis Technologies Limited
14	Benelux	Trade mark	0417641	VESDA Very Early Smoke Detection Apparatus	9	Registered	04 Jun 1986	Xtralis Technologies Limited
15	Brazil	Trade mark	840618107	OSID	9	Application filed	21 Aug 2013	Xtralis Technologies Limited
16	Brazil	Trade mark	823244393	VESDA	9	Registered	16 Oct 2000	VSEH Subco Pty Ltd
17	Brazil	Trade mark	830490949	XTRALIS	9	Registered	07 Jan 2010	Xtralis Technologies Limited
18	Brazil	Trade mark	830490930	XTRALIS logo	9	Registered	07 Jan 2010	Xtralis Technologies Limited

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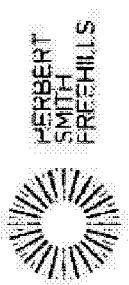
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Schedule 3 Released Intellectual Property

Number	Country	Type	Registration Number	Owner Name	Class	Status	Priority Date	Country
19	Canada	Trade mark	TMA724847	ASIM	9	Registered	21 Jun 2007	Xtralis Technologies Limited
20	Canada	Trade mark	890356	THE SOONER YOU KNOW	9	Registered	22 May 2009	Xtralis Technologies Limited
21	Canada	Trade mark	924072	VESDA	9	Registered	22 Aug 2013	Xtralis Technologies Limited
22	Canada	Trade mark	TMA757878	XTRALIS	9	Registered	04 May 2007	Xtralis Technologies Limited
23	Canada	Trade mark	TMA85464	XTRALIS	9	Registered	08 Sep 2009	Xtralis Technologies Limited
24	Canada	Trade mark	TMA757881	XTRALIS logo	9	Registered	04 May 2007	Xtralis Technologies Limited

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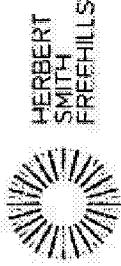
Schedule 3 Released Intellectual Property

Number	Country	Type	Registration Number	Mark	Class	Status	Priority Date	Registration Date	Owner
25	Canada	Trade mark	TMA785465	XTRALIS logo 	9	Registered	08 Sep 2009	08 Sep 2009	Xtralis Technologies Limited
26	Chile	Trade mark	1.073.089	OSID	9	Awaiting acceptance notice	30 Aug 2013	30 Aug 2013	Xtralis Technologies Limited
27	Chile	Trade mark	921109	VESDA	9	Registered	15 Sep 2000	15 Sep 2000	Xtralis Technologies Limited
28	China	Trade mark	4195177	ADPRO	45	Registered	29 Jul 2004	29 Jul 2004	Xtralis Technologies Limited
29	China	Trade mark	4195178	ADPRO	9	Registered	29 Jul 2004	29 Jul 2004	Xtralis Technologies Limited
30	China	Trade mark	6119499	ASIM	9	Registered	20 Jun 2007	20 Jun 2007	Xtralis Technologies Limited
31	China	Trade mark	15950558	FMST	9	Application accepted	17 Dec 2014	17 Dec 2014	Xtralis Technologies Limited

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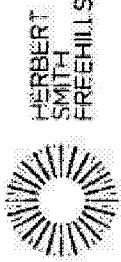
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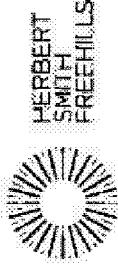


Schedule 3 Released Intellectual Property

Serial No.	Country	Registration Number	Mark Type	Class	Owner	Status	First Filed	Last Filed
32	China	Trade mark	13126868	ICAM	9	Registered	23 Aug 2013	23 Aug 2013
33	China	Trade mark	13126867	OSID	9	Registered	23 Aug 2013	Xtralis Technologies Limited
34	China	Trade mark	76411383	THE SOONER YOU KNOW	9	Registered	24 Aug 2009	24 Aug 2009
35	China	Trade mark	4187784	VESDA	45	Registered	26 Jul 2004	Xtralis Technologies Limited
36	China	Trade mark	4187785	VESDA	37	Registered	26 Jul 2004	26 Jul 2004
37	China	Trade mark	4187786	VESDA	9	Registered	26 Jul 2004	Xtralis Technologies Limited
38	China	Trade mark	6031941	XTRALIS	9	Registered	16 May 2007	16 May 2007
39	China	Trade mark	7636635	XTRALIS	9	Registered	21 Aug 2009	Xtralis Technologies Limited



Number	Country	Type	Registration Number	Class	Status	Priority Date	Request Date	Examiner	Searcher	Limited
40	China	Trade mark	6051940	XTRALIS logo 	9	Registered	16 May 2007	16 May 2007	Xtralis Technologies Limited	
41	China	Trade mark	7636634	XTRALIS logo 	9	Registered	21 Aug 2009	21 Aug 2009	Xtralis Technologies Limited	
42	Dominican Republic	Trade mark	2015-34087	VESDA	9	Application filed	30 Oct 2015	30 Oct 2015	Xtralis Technologies Limited	
43	European Union	Trade mark	009709585	ADPRO	9, 37, 45	Registered	03 Feb 2011	03 Feb 2011	Xtralis Technologies Limited	
44	European Union	Trade mark	005982657	ASIM	9	Registered	08 Jun 2007	08 Jun 2007	Xtralis Technologies Limited	
45	European Union	Trade mark	012574307	E logo	9	Registered	07 Feb 2014	07 Feb 2014	Xtralis Technologies Limited	

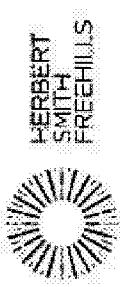


Schedule 3 Released Intellectual Property

Number	Country / Region	Name	Class	Serial No.	Priority Date	Registered	Date	Xtralis Technologies Limited
46	European Union	Trademark	007530141	ICAM	16, 35, 37, 38, 41, 45	Registered	16 Jan 2009	16 Jan 2009 Xtralis Technologies Limited
47	European Union	Trademark	009326836	ICAM	9	Registered	20 Aug 2010	20 Aug 2010 Xtralis Technologies Limited
48	European Union	Trademark	012072211	OSID	9	Registered	16 Aug 2013	16 Aug 2013 Xtralis Technologies Limited
49	European Union	Trademark	003298119	THE SOONER YOU KNOW	9, 37, 45	Registered	13 May 2009	13 May 2009 Xtralis Technologies Limited
50	European Union	Trademark	003435336	VESDA	9, 16, 35, 37, 38, 41, 45	Registered	15 Jul 2003	16 Oct 2003 Xtralis Technologies Limited
51	European Union	Trademark	005875935	XTRALIS	9, 37, 45	Registered	04 May 2007	04 May 2007 Xtralis Technologies Limited

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Schedule 3 Released Intellectual Property

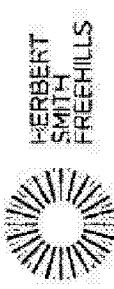
Number	Country	Owner	Mark	Class	Date	Status	Serial	Image
52	European Union	Trade mark	008324683	XTRALIS	9	Registered	27 May 2009	27 May 2009
53	European Union	Trade mark	008876107	XTRALIS logo	9, 37, 45	Registered	04 May 2007	Xtralis Technologies Limited
54	European Union	Trade mark	008324725	XTRALIS logo	9	Registered	27 May 2009	27 May 2009
55	Finland	Trade mark	104099	VESDA	9	Registered	09 Apr 1987	Xtralis Technologies Limited
56	France	Trade mark	1510895	VESDA	9	Registered		Xtralis Technologies Limited
57	Germany	Trade mark	1116869	VESDA	9	Registered	17 Jul 1986	Xtralis Technologies Limited
58	Hong Kong	Trade mark	19851413	ADPRO	9	Registered	08 Feb 1984	03 Aug 1984

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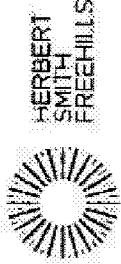
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Schedule 3 Released Intellectual Property

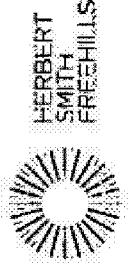
Number	Priority Date	Entity	Status	Entity	Date	Entity	Date
XTRALIS TRADEMARKS							
59	Hong Kong	Trademark	300888481	ASIM	9	Registered	08 Jun 2007
60	Hong Kong	Trademark	19892887	VESDA	9	Registered	06 Aug 1988
61	Hong Kong	Trademark	300865738	XTRALIS	9	Registered	07 May 2007
62	Hong Kong	Trademark	301352196	XTRALIS	9	Registered	27 May 2009
63	Hong Kong	Trademark	300865729	XTRALIS logo	9	Registered	07 May 2007
64	Hong Kong	Trademark	301352187	XTRALIS logo	9	Registered	27 May 2009



Schedule 3 Released Intellectual Property

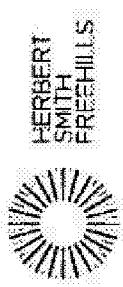
Serial Number	Country	Category	Number	Mark	Class	Status	Date	Reason
65	India	Trade mark	2020017	ADPRO	9	Awaiting acceptance notice	08 Sep 2010	08 Sep 2010
66	India	Trade mark	2585933	OSID	9	Under examination	26 Aug 2013	Xtralis Technologies Limited
67	India	Trade mark	1645534	VESDA	9	Registered	24 Jan 2008	24 Jan 2008
68	India	Trade mark	1908588	XTRALIS	9	Under examination	13 Jan 2010	Xtralis Technologies Limited
69	India	Trade mark	1908587	XTRALIS logo	9	Under examination	13 Jan 2010	Xtralis Technologies Limited
70	Israel	Trade mark	199933	XTRALIS	9	Registered	06 May 2007	06 May 2007
71	Israel	Trade mark	221551	XTRALIS	9	Registered	10 Jun 2009	10 Jun 2009

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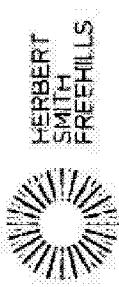
Schedule 3 Released Intellectual Property

Number	Country	Number	Mark	Class	Priority	Owner	Category		
72	Israel	Trade mark	221027	XTRALIS & THE SOONER YOU KNOW logo	9	Registered	19 May 2009	19 May 2009	Xtralis Technologies Limited
73	Israel	Trade mark	199931	XTRALIS logo	9	Registered	06 May 2007	06 May 2007	Xtralis Technologies Limited
74	Israel	Trade mark	221552	XTRALIS logo	9	Registered	10 Jun 2009	10 Jun 2009	Xtralis Technologies Limited
75	Italy	Trade mark	1239510	VESDA	9	Registered			Xtralis Technologies Limited
76	Japan	Trade mark	5238625	THE SOONER YOU KNOW	9	Registered	14 May 2009	14 May 2009	Xtralis Technologies Limited



Schedule 3 Released Intellectual Property

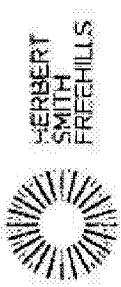
Country	Registration Number	Priority	Mark	Class	Owner	Date of Registration	Date of Release
77 Japan	Trade mark	2454967	VESDA	9	Registered	03 Mar 1986	Xtralis Technologies Limited, Xtralis Technologies Ltd
78 Japan	Trade mark	5232757	XTRALIS	9	Registered	11 May 2007	Xtralis Technologies Limited, Xtralis Technologies Ltd
79 Malaysia	Trade mark	5232756	XTRALIS logo	9	Registered	11 May 2007	Xtralis Technologies Limited, Xtralis Technologies Ltd
80 Malaysia	Trade mark	2013058546	ADPRO	9	Registered	19 Aug 2013	Xtralis Technologies Limited
81 Malaysia	Trade mark	2013058545	ICAM	9	Registered	19 Aug 2013	Xtralis Technologies Limited
82 Malaysia	Trade mark	2013058547	OSID	9	Registered	19 Aug 2013	Xtralis Technologies Limited
83 Malaysia	Trade mark	2014006325	VESDA	9	Awaiting acceptance	05 Jun 2014	Xtralis Technologies Limited



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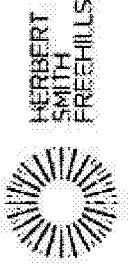
Schedule 3 Released Intellectual Property

Number	Country	Priority Number	Type	Mark	Class	Owner	Serial No.	Date of Registration	Owner
84	Malaysia		Trade mark	XTRALIS	9	Registered	04 Dec 2009	04 Dec 2009	Xtralis Technologies Limited
85	Malaysia		Trade mark	XTRALIS logo	9	Registered	04 Dec 2009	04 Dec 2009	Xtralis Technologies Limited
86	New Zealand		Trade mark	ADPRO	9	Registered	08 Feb 1984	03 Aug 1984	Xtralis Technologies Limited
87	New Zealand		Trade mark	THE SOONER YOU KNOW	9	Registered	11 May 2009	11 May 2009	Xtralis Technologies Limited
88	New Zealand		Trade mark	XTRALIS	9	Registered	04 May 2007	04 May 2007	Xtralis Technologies Limited
89	New Zealand		Trade mark	XTRALIS logo	9	Registered	04 May 2007	04 May 2007	Xtralis Technologies Limited



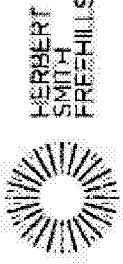
Schedule 3 Released Intellectual Property

Number	Priority Number	Class	Mark	Owner	Status	Priority Date	Entered Date	
90	Russia	Trade mark	533364	OSID	9	Registered	26 Aug 2013	26 Aug 2013 Xtralis Technologies Limited
91	Russia	Trade mark	407305	THE SOONER YOU KNOW	9	Registered	13 May 2009	13 May 2009 Xtralis Technologies Limited
92	Russia	Trade mark	380487	VESDA	9	Registered	19 Mar 2008	19 Mar 2008 Xtralis Technologies Limited
93	Russia	Trade mark	355560	XTRALIS	9	Registered	10 May 2007	10 May 2007 Xtralis Technologies Limited
94	Russia	Trade mark	424195	XTRALIS	9	Registered	27 May 2009	27 May 2009 Xtralis Technologies Limited
95	Russia	Trade mark	355581	XTRALIS logo	9	Registered	10 May 2007	10 May 2007 Xtralis Technologies Limited
96	Russia	Trade mark	424194	XTRALIS logo	9	Registered	27 May 2009	27 May 2009 Xtralis Technologies Limited



Schedule 3 Released Intellectual Property

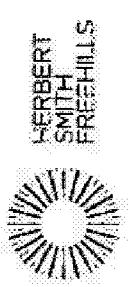
Number	Country	Owner	Mark	Reg No.	Class	Status	Priority Date	Registration Date	Owner
97	Singapore	Trade mark	T8404164F	ADPRO	9	Registered	08 Feb 1984	06 Aug 1984	Xtralis Technologies Limited
98	Singapore	Trade mark	T8804283C	VESDA	9	Registered		15 Aug 1988	Xtralis Technologies Limited
99	South Africa	Trade mark	2003/14262	ADPRO	37	Registered		25 Aug 2003	Xtralis Technologies Limited
100	South Africa	Trade mark	2003/14261	ADPRO	9	Registered		25 Aug 2003	Xtralis Technologies Limited
101	South Africa	Trade mark	2013/22365	OSID	9	Awaiting acceptance notice	16 Aug 2013	16 Aug 2013	Xtralis Technologies Limited
102	South Africa	Trade mark	2003/14257	VESDA	9	Registered		25 Aug 2003	Xtralis Technologies Ltd



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Country	Registration Number	Class	Owner	Priority	Registration Date	Release Date
103 South Korea	Trade mark 40-0767009	ASIM 9	Xtralis Technologies Limited	11 Jun 2007	11 Jun 2007	Xtralis Technologies Limited
104 South Korea	Trade mark 40-0860863	THE SOONER YOU KNOW 9	Xtralis Technologies Limited	18 May 2009	18 May 2009	Xtralis Technologies Limited
105 South Korea	Trade mark 179002	VESDA 9	Xtralis Technologies Limited	27 Jun 1988	27 Jun 1988	Xtralis Technologies Limited
106 South Korea	Trade mark 400769875	XTRALIS 9	Xtralis Technologies Limited	08 May 2007	08 May 2007	Xtralis Technologies Limited
107 South Korea	Trade mark 400769874	XTRALIS logo 9	Xtralis Technologies Limited	08 May 2007	08 May 2007	Xtralis Technologies Limited
108 Sweden	Trade mark 263887	VESDA 9	Xtralis Technologies Limited	09 Apr 1987	09 Apr 1987	Xtralis Technologies Limited
109 Switzerland	Trade mark 562912	ASIM 9	Xtralis Technologies Limited	08 Jun 2007	08 Jun 2007	Xtralis Technologies Limited

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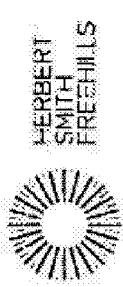
Schedule 3 Released Intellectual Property

Number	Country	Trade mark	Registration No.	Name of owner	Date of registration	Date of release			
110	Switzerland	Trade mark	592706	THE SOONER YOU KNOW	9	Registered	22 May 2009	22 May 2009	Xtralis Technologies Limited
111	Switzerland	Trade mark	355275	VESDA	9	Registered	31 Mar 1987	Xtralis Technologies Limited	
112	Switzerland	Trade mark	566841	XTRALIS	9	Registered	08 May 2007	08 May 2007	Xtralis Technologies Ltd
113	Switzerland	Trade mark	591537	XTRALIS	9	Registered	29 May 2009	29 May 2009	Xtralis Technologies Limited
114	Switzerland	Trade mark	566829	XTRALIS logo	9	Registered	08 May 2007	08 May 2007	Xtralis Technologies Limited
115	Switzerland	Trade mark	592432	XTRALIS logo	9	Registered	02 Jun 2009	02 Jun 2009	Xtralis Technologies Limited
116	Taiwan	Trade mark	01336971	ASIM	9	Registered	12 Jun 2007	12 Jun 2007	Xtralis Technologies Limited

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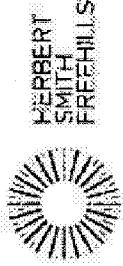
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Schedule 3 Released Intellectual Property

Country	Registration Number	Mark	Class	Status	First filed	Last filed		
117 Taiwan	Trade mark	01569997	ICAM	9	Registered	01 Mar 2012	01 Mar 2012	Xtralis Technologies Limited
118 Taiwan	Trade mark	436532	VESDA		Registered		05 Sep 1988	Xtralis Technologies Limited
119 Taiwan	Trade mark	454303	VESDA		Registered		01 Jul 1988	Xtralis Technologies Limited
120 Taiwan	Trade mark	01341504	XTRALIS	9	Registered	08 May 2007	08 May 2007	Xtralis Technologies Limited
121 Taiwan	Trade mark	01341503	XTRALIS logo 	9	Registered	08 May 2007	08 May 2007	Xtralis Technologies Limited
122 Turkey	Trade mark	2016/105964	OSID	9	Under examination	22 Dec 2015	22 Dec 2015	Xtralis Technologies Limited
123 Turkey	Trade mark	2016/00449	XTRALIS	9, 37, 45	Application filed	06 Jan 2016	06 Jan 2016	Xtralis Technologies Limited

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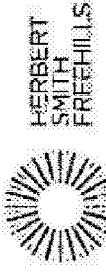
Schedule 3 Released Intellectual Property

Record Number	Country	Registration Number	Mark Name	Class	Priority Date	Status	Owner	Last Examined	Serial No.
124	United Kingdom	Trade mark	1224297	ADPRO	9	Registered	08 Feb 1984	07 Aug 1984	Xtralis Technologies Limited
125	United Kingdom	Trade mark	1494328	AUTOLEARN	9	Registered		22 Feb 1992	Xtralis Technologies Limited
126	United Kingdom	Trade mark	1256465	VESDA	9	Registered		13 Dec 1985	Xtralis Technologies Limited
127	United Kingdom	Trade mark	UK0000211605	VESDA™	9	Registered		16 Nov 1996	VFS Technologies Limited
128	United Kingdom	Trade mark	UK0002116007	VESDA™	9	Registered		16 Nov 1996	VFS Technologies Limited
129	United States of America	Trade mark	3924200	ADPRO	9	Registered	15 Aug 2006	15 Aug 2006	Xtralis Technologies Limited
130	United States of America	Trade mark	3837188	ASIM	9	Registered	25 Jun 2007	25 Jun 2007	Xtralis Technologies Limited
131	United States	Trade mark	86190236	E logo	9	Application	11 Feb 2014	11 Feb 2014	Xtralis Technologies



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Number	Priority Number	Class	Status	Entity	Entered	Serial
132	United States of America	Trade mark	4256062	ICAM	9	Registered 15 Jan 2009 Xtralis Technologies Limited
133	United States of America	Trade mark	4822671	OSID	9	Registered 23 Aug 2013 Xtralis Technologies Limited
134	United States of America	Trade mark	4301619	THE SOONER YOU KNOW	9	Registered 20 May 2009 Xtralis Technologies Limited
135	United States of America	Trade mark	1883352	VESDA	9	Registered 08 Jan 1993 Xtralis Technologies Limited
136	United States of America	Trade mark	4289228	XTRALIS	9	Registered 04 May 2007 Xtralis Technologies Limited
137	United States of America	Trade mark	4289227	XTRALIS logo	9	Registered 04 May 2007 Xtralis Technologies Limited



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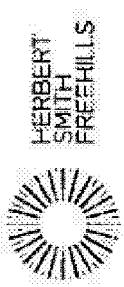
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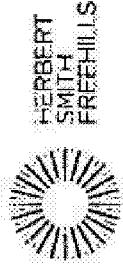
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**Part 2: Patents**

Number	Country	Type	Patent No.	Title	Grant Date	Expired at end of life (D)	Grant Date	Expired at end of life (D)	Grant Date	Expired at end of life (D)	Grant Date
1	United Kingdom	Patent	GB2243475	Improvements to gas and smoke alarm systems							
2	United Kingdom	Patent	GB2248108	Improvements to optical smoke detection equipment							
3	China	Patent	201410407452.1	Aspirating smoke detection device	Pending		18 Aug 2014		18 Aug 2014		
4	China	Patent	ZL201420465958.3	Air suction pump in an air suction type smoke sense fire detector	Granted		18 Aug 2014		18 Aug 2014		
5	China	Patent	ZL201420465959.8	Inner zonal device in air suction type smoke sense fire detector	Granted		18 Aug 2014		18 Aug 2014		
6	China	Patent	ZL201420465939.0	Linear laser in air suction type smoke sensor fire detector	Granted		18 Aug 2014		18 Aug 2014		



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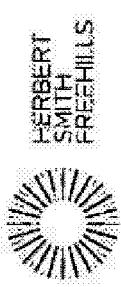
Schedule 3 Released Intellectual Property

Number	Country	Type	Patent No.	Description	Status	Priority Date	Filing Date	Granted Date	Owner
8	China	Patent	ZL201420465956.4	External partition structure in inhalation type smoke hazard detector	Granted	18 Aug 2014	18 Aug 2014	18 Aug 2014	Foremost Early Detection Partners (Beijing) Ltd
9	China	Utility Model	201020148038.8	Air Sampling Point-Type Smoke Detector	Granted	18 Aug 2014	18 Aug 2014	06 July 2010	Foremost Early Detection Partners (Beijing) Ltd
10	China	Patent	201010217930.4	Air Sampling Point-Type Smoke Detector	Granted			06 July 2010	Foremost Early Detection Partners (Beijing) Ltd
11	Australia	Patent	2015904755	Security system and method	Pending			18 Nov 2015	Jorg Tillkin Yves

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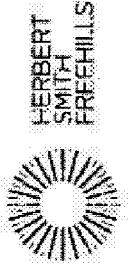
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Schedule 3 Released Intellectual Property

Number	Country	Type	Patentee	Number	Status	Priority Date	Issue Date	Inventors
12	Taiwan	Patent	103135827	Addressability in particle detection	Pending	16 Oct 2013	16 Oct 2014	Kemal Ayay, Ronald Knox, Brian Alexander, Karl Boettger, Rajiv Kumar Singh, Thor North, Stephen James Pattinson, Peter Massingberd- Mundy Alasdair James Williamson
13	United States of America	Patent	62/257160	Security system and method	Pending	18 Nov 2015	18 Nov 2015	Matthew John Naylor, Jorg Tilkin, Yves Neuhaus
14	Taiwan	Patent	103119244	Particle detection system and related methods	Pending	03 Jun 2013	03 Jun 2014	Ronald Knox, Karl Boettger

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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Title	Grant Date	Expiry Date	Patentee	
15	China	Patent	201210021067.4	Particle detector	Application accepted	14 May 2003	11 Jan 2012	VFS Technologies Limited
16	China	Patent	201210021086.7	Particle detector	Application accepted	14 May 2003	11 Jan 2012	VFS Technologies Limited
17	Australia	Patent	663758	Fluid pollution monitor	Expired at end of life (D)	18 May 1992	05 Mar 1993	VFS Technologies Limited
18	United States of America	Patent	5392114	Fluid pollution monitor	Expired at end of life (D)	30 Mar 1988	18 May 1992	VFS Technologies Limited
19	France	Patent	FR0571077	Fluid pollution monitor	Expired at end of life (D)	18 May 1992	07 Apr 1993	VFS Technologies Limited
20	Germany	Patent	DE0571077	Fluid pollution monitor	Expired at end of life (D)	18 May 1992	07 Apr 1993	VFS Technologies Limited
21	Australia	Patent	706461	Filter integrity monitoring system	Granted	06 May 1996	06 May 1997	VFS Technologies Limited

PATENT
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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Title	State	Date	Granted	VFS Technologies Limited
22	Australia	Patent	717038	The detection of airborne pollutants			03 May 1996	02 May 1997
23	Australia	Patent	717087	The detection of airborne pollutants			03 May 1996	02 May 1997
24	United States of America	Patent	5936666	Security sensor arrangement			23 Jun 1995	20 May 1998
25	United Kingdom	Patent	2303446	Security sensor arrangement			23 Jun 1995	24 Jun 1996
26	Taiwan	Patent	105035	A smoke detection system, a replaceable filter cartridge for the filter			03 May 1996	30 Apr 1997
27	Taiwan	Patent	106313	The detection of airborne pollutants			03 May 1996	30 Apr 1997
28	Taiwan	Patent	106674	Filter integrity monitoring system			06 May 1996	01 May 1997

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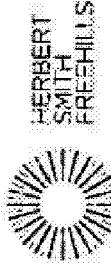
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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Title	Grant Date	Priority Date	Assignee
29	China	Patent	ZL200480017512.3	Particle detector	Granted	14 May 2003	14 May 2004
30	Australia	Patent	709759	Security sensor arrangement	Granted	23 Jun 1995	21 Jun 1995
31	United Kingdom	Patent	2429536	Testing of embedded systems	Granted	05 Mar 2004	04 Mar 2005
32	United States of America	Patent	7623981	Testing of embedded systems	Granted	05 Mar 2004	04 Mar 2005
33	Australia	Patent	2005304280	Method and apparatus for determining flow	Granted	12 Nov 2004	14 Nov 2005
34	China	Patent	ZL201210020498.9	Particle detector	Granted	14 May 2003	11 Jan 2012
35	Australia	Patent	2004901189	Testing of embedded systems	Lapsed (complete or PCT filed) (D)	05 Mar 2004	05 Mar 2004

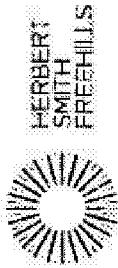
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Schedule 3 Released Intellectual Property

Number	Country	Type	Application Number	Title	Status	Priority Date	Release Date
36	Australia	Patent	2004903723	Testing of embedded systems	Lapsed (complete or PCT filed) (D)	07 Jul 2004	07 Jul 2004
37	Australia	Patent	2003902319	Laser video detector	Lapsed (complete or PCT filed) (D)	14 May 2003	14 May 2003
38	Australia	Patent	2003903703	Method and system for a filter	Lapsed (complete or PCT filed) (D)	18 Jul 2003	18 Jul 2003
39	Australia	Patent	2003905197	Method and apparatus for testing and scrapping systems	Lapsed (complete or PCT filed) (D)	24 Sep 2003	24 Sep 2003
40	United States of America	Patent	60/642608	Apparatus and method for image processing	Lapsed (complete or PCT filed) (D)	10 Jan 2005	VFS Technologies Limited
41	Australia	Patent	2007901284	Particle detection apparatus	Lapsed (complete or PCT filed) (D)	09 Mar 2007	09 Mar 2007
42	Australia	Patent	2007901285	Method and system for particle detection	Lapsed (complete or PCT filed) (D)	09 Mar 2007	09 Mar 2007

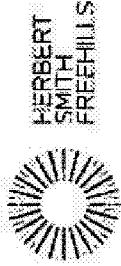
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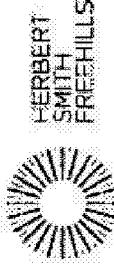
Number	Country	Type	Application Number	Title	Priority Date	Publication Date	Owner	
43	Australia	Patent	2004239349	Particle detector	Lapsed (divisional filed) (D)	14 May 2003	14 May 2004	VFS Technologies Limited
44	Japan	Patent	539341/1997	The detection of airborne pollutants	Lapsed (divisional filed) (D)	03 May 1996	02 May 1997	VFS Technologies Limited
45	Australia	Patent	2005304281	Particle detector, system and method	Lapsed (divisional filed) (D)	12 Nov 2004	14 Nov 2005	VFS Technologies Limited
46	United States of America	Patent	08/669081	Security sensor arrangement	Lapsed-National (divisional filed) (D)	23 Jun 1995	24 Jun 1996	VFS Technologies Limited
47	PCT	Patent	PCT/AU2005/000313	Testing of embedded systems	Lapsed-National phases entered (D)	05 Mar 2004	04 Mar 2005	VFS Technologies Limited
48	PCT	Patent	PCT/AU2005/001722	Method and apparatus for determining flow	Lapsed-National phases entered (D)	12 Nov 2004	14 Nov 2005	VFS Technologies Limited
49	PCT	Patent	PCT/AU2005/001723	Particle detector, system and method	Lapsed-National Phases entered (D)	12 Nov 2004	14 Nov 2005	VFS Technologies Limited



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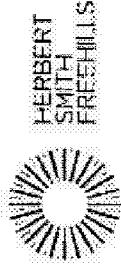
Number	Country	Type	Applicant	Patent No.	Description	Entered	Entered	Entered	Entered
50	PCT	Patent	PCT/AU2005/000955	Image processing apparatus and method	Lapsed-National phases entered (D)	30 Jun 2004	30 Jun 2005	VFS Technologies Limited	
51	Australia	Patent	2006900823	In-line smoke attenuator	Lapsed (complete or PCT filed) (D)	20 Feb 2006	20 Feb 2006	Vision Fire & Security Pty Ltd	
52	PCT	Patent	PCT/AU2004/000954	Method and system for a filter	Lapsed-National phases entered (D)	18 Jul 2003	16 Jul 2004	Vision Fire & Security Pty Ltd	
53	PCT	Patent	PCT/AU2004/001320	Method and apparatus for determining operational condition of pollution monitoring equipment	Lapsed-National phases entered (D)	24 Sep 2003	24 Sep 2004	Vision Fire & Security Pty Ltd	
54	PCT	Patent	PCT/AU2004/000637	Particle detector	Lapsed-National phases entered (D)	14 May 2003	14 May 2004	Vision Fire & Security Pty Ltd	
55	Australia	Patent	2003902318	Improved sensing apparatus and method	Lapsed (complete or PCT filed) (D)	14 May 2003	14 May 2003	Vision Fire and Security Pty Ltd	
56	Australia	Patent	PN9658	The detection of airborne pollutants	Lapsed (complete or PCT filed) (D)	03 May 1996	03 May 1996	Vision Products Pty Ltd	



Schedule 3 Released Intellectual Property

Number	Country	Type	Patent No.	Title	Priority Date	Publication Date	Owner
57	Australia	Patent	PN9659	The detection of airborne pollutants	Lapsed (complete or PCT filed) (D)	03 May 1996	03 May 1996
58	United Kingdom	Patent	GB0571077	Fluid pollution monitor	Expired at end of life (D)	18 May 1992	07 Apr 1993
59	PCT	Patent	PCT/EP2008/055708	System and method for sequential recording and archiving large volumes of video data	Lapsed National phases entered	08 May 2008	08 May 2008
60	PCT	Patent	PCT/EP2014/073371	Threat-monitoring systems and related methods	Pending	17 Jan 2014	30 Oct 2014
61	Taiwan	Patent	103137823	Threat-monitoring systems and related methods	Pending	17 Jan 2014	31 Oct 2014
62	PCT	Patent	PCT/EP2015/054445	Intrusion detection with directional sensing	Pending	03 Mar 2014	03 Mar 2015
63	Taiwan	Patent	104106640	Intrusion detection with directional sensing	Pending	03 Mar 2014	03 Mar 2015

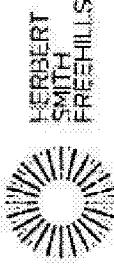
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Schedule 3 Released Intellectual Property

Number	Country	Type	Patent No.	Title	Status	Priority Date	Filing Date
64	PCT	Patent	PCT/EP2015/054446	Intrusion detection with motion sensing	Pending	03 Mar 2014	03 Mar 2015
65	Taiwan	Patent	104106650	Intrusion detection with motion sensing	Pending	03 Mar 2014	03 Mar 2015
66	PCT	Patent	PCT/EP2015/054197	Threat detection information distribution system and method	Pending	03 Mar 2014	27 Feb 2015
67	Taiwan	Patent	104106512	Threat detection information distribution system and method	Pending	03 Mar 2014	02 Mar 2015
68	Slovakia	Patent	Sk2300904	System and method for sequential recording and archiving large volumes of video data	Awaiting validation	08 May 2008	08 May 2008
69	Australia	Patent	2014200318	Threat-monitoring systems and related methods	Pending	17 Jan 2014	17 Jan 2014
70	United States of America	Patent	9237315	Intrusion detection with directional sensing	Granted	03 Mar 2014	03 Mar 2015

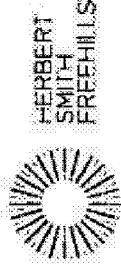
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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Title	Status	Priority Date	Patent Date	Assignee
71	Belgium	Patent	BE2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV
72	Bulgaria	Patent	BG2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV
73	Estonia	Patent	EE2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV
74	France	Patent	FR2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV
75	Germany	Patent	DE2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV
76	Ireland	Patent	IE2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV
77	Italy	Patent	IT2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008	VSK Electronics NV

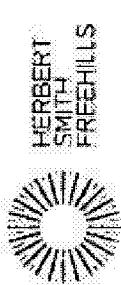
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78	Lithuania	Patent	LT2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008
79	Luxembourg	Patent	LU2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008
80	Netherlands	Patent	NL2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008
81	Poland	Patent	PL2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008
82	Portugal	Patent	PT2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008
83	Spain	Patent	ES2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008
84	United Kingdom	Patent	GB2300904	System and method for sequential recording and archiving large volumes of video data	Granted	08 May 2008	08 May 2008

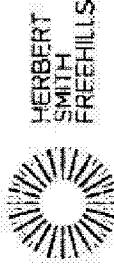
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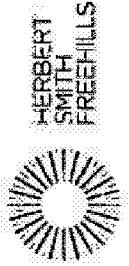
Serial No.	Country	Type	Number	Title	Status	Priority Date	Application Date	Patentee
85	United States of America	Patent	611947329	Intrusion detection with motion sensing	Lapsed (complete or PCT filed) (D)		03 Mar 2014	03 Mar 2014
86	Australia	Patent	2014901121	Intrusion detection with directional sensing	Lapsed (complete or PCT filed) (D)		28 Mar 2014	28 Mar 2014
87	Australia	Patent	2014900702	Threat detection information distribution system and method	Lapsed (complete or PCT filed) (D)		03 Mar 2014	03 Mar 2014
88	United States of America	Patent	611947335	Intrusion detection with directional sensing	Lapsed (complete or PCT filed) (D)		03 Mar 2014	03 Mar 2014
89	United States of America	Patent	14/825033	Intrusion detection with directional sensing	Pending		03 Mar 2014	12 Aug 2015
90	Europe	Patent	EP2300904	System and method for sequential recording and archiving large volumes of video data	Validated in designated states		08 May 2008	08 May 2008
91	PCT	Patent	PCT/EP2015/050793	Commissioning of electro-optical detector	Pending		17 Jan 2014	16 Jan 2015
92	Taiwan	Patent	104101516	Commissioning of electro-optical detector	Pending		17 Jan 2014	16 Jan 2015

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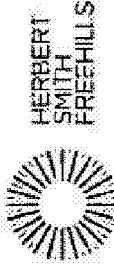
Number	Country	Type	Application Number	Title	Status	Priority Date	Release Date
93	Taiwan	Patent	104141766	System and methods of field of view alignment	Pending	11 Dec 2014	11 Dec 2015
94	PCT	Patent	PCT/EP2015/079391	System and methods of field of view alignment	Pending	11 Dec 2014	11 Dec 2015
95	Australia	Patent	2014900175	Commissioning of electro-optical detector	Lapsed (complete or PCT filed) (D)	17 Jan 2014	Xtralis AG
96	Australia	Patent	2014905028	System and methods of field of view alignment	Lapsed (complete or PCT filed) (D)	11 Dec 2014	11 Dec 2014
97	Germany	Utility model	202011106569U	PIR-Detektor und Bewegungsmeldeanlage	Registered	30 Jun 2011	30 Jun 2011
98	Europe	Patent	12174483.3	Method for operating systems with PIR detectors	Pending	30 Jun 2011	29 Jun 2012
99	Australia	Patent	2014900699	Upgrading threat detection system	Abandoned by client (D)	03 Mar 2014	Xtralis Global
100	Taiwan	Patent	103139577	Improvements to multi-point sampling valve	Pending	14 Nov 2013	14 Nov 2014
101	United States of America	Design	29/522667	Sampling point	Pending	01 Apr 2015	Xtralis Global



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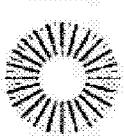
Number	Country	Type	Patent Number	Description	Status	Priority Date	Release Date
102	PCT	Patent	PCT/EP2015/054203	Multi-channel detector	Pending	06 Mar 2014	27 Feb 2015
103	Taiwan	Patent	104106990	Multi-channel detector	Pending	06 Mar 2014	05 Mar 2015
104	PCT	Patent	PCT/EP2015/054760	Improvements to aspirated sampling systems	Pending	06 Mar 2014	06 Mar 2015
105	Taiwan	Patent	104107269	Improvements to aspirated sampling systems	Pending	06 Mar 2014	06 Mar 2015
106	United States of America	Patent	62/167212	Ventilation system	Pending	27 May 2015	27 May 2015
107	United States of America	Patent	15/045468	Sampling point assembly	Pending	17 Feb 2015	17 Feb 2015
108	PCT	Patent	PCT/EP2016/053329	Sampling point assembly	Pending	17 Feb 2015	17 Feb 2015
109	Taiwan	Patent	105104639	Sampling point assembly	Pending	17 Feb 2015	17 Feb 2015
110	PCT	Patent	PCT/EP2014/074602	Improvements to multi-point sampling valve	Pending	14 Nov 2013	14 Nov 2014
111	Australia	Patent	2013904413	Improvements to multi-point sampling valve	Lapsed (complete or PCT filed) (D)	14 Nov 2013	14 Nov 2013



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Number	Country	Type	Number	Title	Event	Date	Event	Date
112	United States of America	Patent	61/849191	Improvements to aspirated sampling systems	Lapsed (complete or PCT filed) (D)	06 Mar 2014	06 Mar 2014	Xtralis Global
113	United States of America	Patent	61/949187	Multi-channel detector	Lapsed (complete or PCT filed) (D)	06 Mar 2014	06 Mar 2014	Xtralis Global
114	Australia	Patent	2014901211	Improvements to aspirated sampling systems	Lapsed (complete or PCT filed) (D)	03 Apr 2014	03 Apr 2014	Xtralis Global
115	United States of America	Patent	62/116997	Sampling point assembly	Lapsed (complete or PCT filed) (D)	17 Feb 2015	17 Feb 2015	Xtralis Global
116	Australia	Patent	2015900533	Sampling point assembly	Lapsed (complete or PCT filed) (D)	17 Feb 2015	17 Feb 2015	Xtralis Global
117	PCT	Patent		Ventilation system	Not yet filed		27 May 2015	Xtralis Global
118	European Community	Design	002768689-0001	Sampling point assembly	Registered	01 Apr 2015	09 Sep 2015	Xtralis Global
119	European Community	Design	002768689-0002	Sampling point assembly	Registered	01 Apr 2015	09 Sep 2015	Xtralis Global

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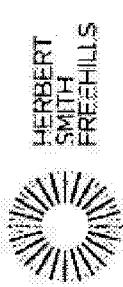


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Schedule 3 Released Intellectual Property

Number	Country	Priority	Priority Number	Title	Status	Priority Date	Priority Client
120	European Community	Design	002768689-0003	Sampling point cap	Registered	01 Apr 2015	09 Sep 2015 Xtralis Global
121	European Community	Design	002768689-0004	Sampling point cap	Registered	01 Apr 2015	09 Sep 2015 Xtralis Global
122	PCT	Patent	PCT/AU2004/0000639	Improved sensing apparatus and method	Lapsed-National phases entered (D)	14 May 2003	14 May 2054 Xtralis Pty Ltd
123	PCT	Patent	PCT/AU2007/0000189	In-line smoke attenuator	Lapsed-National phases entered (D)	20 Feb 2006	20 Feb 2007 Xtralis Pty Ltd
124	Japan	Patent	2007-540456	Method and apparatus for determining flow	Abandoned by client (D)	12 Nov 2004	14 Nov 2005 Xtralis Technologies Ltd
125	PCT	Patent	PCT/AU2008/000316	Particle detection apparatus	Abandoned by client (D)	09 Mar 2007	07 Mar 2008 Xtralis Technologies Ltd
126	Taiwan	Patent	97108304	Particle detection apparatus	Abandoned by client (D)	09 Mar 2007	10 Mar 2008 Xtralis Technologies Ltd
127	Taiwan	Patent	97108303	Method and system for particle detection	Abandoned by	09 Mar 2007	10 Mar 2007 Xtralis

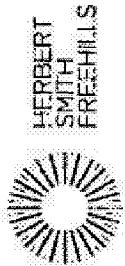
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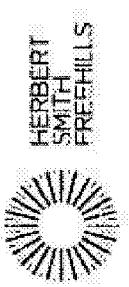
HERBERT
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Country	Priority	Number	Title	Status	Entered	Abandoned	Reason
128 Europe	Patent	07815607.2	Filter arrangement	Abandoned by client (D)	24 Nov 2006	23 Nov 2007	Xtralis Technologies Ltd
129 United States of America	Patent	12/530509	Method and system for particle detection	Abandoned by client (D)	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd
130 Japan	Patent	2009-552970	Method and system for particle detection	Abandoned by client (D)	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd
131 South Korea	Patent	10-2009-7021145	Method and system for particle detection	Abandoned by client (D)	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd
132 China	Patent	200880014468.9	Method and system for particle detection	Abandoned by client (D)	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd
133 Canada	Patent	2680354	Method and system for particle detection	Abandoned by client (D)	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd



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Number	Region	Type	Application Number	Publication Number	Description	Abandoned by client (D)	Date abandoned	Abandoned by client (D)	Date abandoned	Abandoned by client (D)	Date abandoned	Abandoned by client (D)	Date abandoned	Abandoned by client (D)	Date abandoned	Abandoned by client (D)	Date abandoned	Abandoned by client (D)	Date abandoned
134	Europe	Patent	08714363.2	13314363.2	Method and system for particle detection	Xtralis Technologies Ltd	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd										
135	Australia	Patent	2008226316	2010905401	Method and system for particle detection	Xtralis Technologies Ltd	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd										
136	Australia	Patent	2010905401	2010905402	Sensing system	Xtralis Technologies Ltd	08 Dec 2010	08 Dec 2010	Xtralis Technologies Ltd										
137	Australia	Patent	2010905402	2012901935	Sensing system	Xtralis Technologies Ltd	08 Dec 2010	08 Dec 2010	Xtralis Technologies Ltd										
138	Australia	Patent	2012901935	12179760.9	Threat detection and verification systems and related methods	Xtralis Technologies Ltd	11 May 2012	11 May 2012	Xtralis Technologies Ltd										
139	Europe	Patent	12179760.9	2012903943	Method and system for particle detection	Xtralis Technologies Ltd	09 Mar 2007	09 Aug 2012	Xtralis Technologies Ltd	09 Mar 2007	Xtralis Technologies Ltd	09 Aug 2012	Xtralis Technologies Ltd						
140	Australia	Patent	2012903943	2012903943	Threat detection and verification systems and related methods	Xtralis Technologies Ltd	10 Sep 2012	10 Sep 2012	Xtralis Technologies Ltd										



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Number	Country	Type	Number	Title	Start Date	Priority Date	End Date	Assignee
141	Australia	Patent	2012905701	Threat detection and verification systems and related methods	Abandoned by client (D)		21 Dec 2012	Xtralis Technologies Ltd
142	Australia	Patent	2013901419	Particle detection	Abandoned by client (D)	15 Apr 2013	15 Apr 2013	Xtralis Technologies Ltd
143	Europe	Patent	04737574.6	Method and system for a filter	Application accepted	18 Jul 2003	16 Jul 2004	Xtralis Technologies Ltd
144	Europe	Patent	08849716.9	Particle detection	Application accepted	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd
145	Europe	Patent	12182832.1	Particle detector (I)	Application accepted	14 May 2003	03 Sep 2012	Xtralis Technologies Ltd
146	Europe	Patent	12182834.7	Particle detector (III)	Application accepted	14 May 2003	03 Sep 2012	Xtralis Technologies Ltd
147	United States of America	Patent	141636840	Method of detecting particles by detecting a variation in scattered radiation	Application accepted	14 May 2003	03 Mar 2015	Xtralis Technologies Ltd

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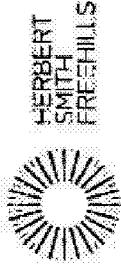
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148	Hong Kong	Patent	06109335.9	Particle detector	Pending	14 May 2003	14 May 2004
149	Hong Kong	Patent	08101244.4	Particle detector, system and method	Pending	12 Nov 2004	14 Nov 2005
150	Hong Kong	Patent	12106544.4	Chamber condition	Pending	07 Jul 2009	07 Jul 2010
151	Hong Kong	Patent	12110687.3	Particle detector, system and method	Pending	12 Nov 2004	14 Nov 2005
152	Hong Kong	Patent	12113593.0	Particle detector	Pending	14 May 2003	14 May 2004
153	Hong Kong	Patent	12113591.2	Particle detector	Pending	14 May 2003	14 May 2004
154	Hong Kong	Patent	12113590.3	Particle detector	Pending	14 May 2003	14 May 2004

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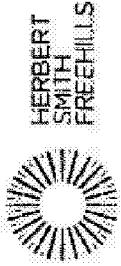
Schedule 3 Released Intellectual Property

155	Taiwan	Patent	102120547	Multi-mode detection	Pending	08 Jun 2012	10 Jun 2013	Xtralis Technologies Ltd
156	Taiwan	Patent	102117875	Sampling point for a particle detector	Pending	21 May 2012	21 May 2013	Xtralis Technologies Ltd
157	Hong Kong	Patent	13108029.3	Particle precipitator	Pending	05 Mar 2010	03 Mar 2011	Xtralis Technologies Ltd
158	Taiwan	Patent	102137299	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
159	Taiwan	Patent	102135549	Sampling point	Pending	19 Feb 2013	01 Oct 2013	Xtralis Technologies Ltd
160	United States of America	Patent	14/118211	Surveillance system	Pending	16 May 2011	16 May 2012	Xtralis Technologies Ltd
161	Hong Kong	Patent	13113065.8	Particle detector, system and method (I)	Pending	12 Nov 2004	14 Nov 2005	Xtralis Technologies Ltd

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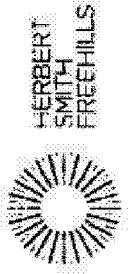
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Number	Country	Type	Number	Priority Date	Status	Priority Date	Priority Country
162	Hong Kong	Patent	13113069.4	Particle detector, system and method (II)	Pending	12 Nov 2004	14 Nov 2005
163	Hong Kong	Patent	13113068.5	Particle detector, system and method (III)	Pending	12 Nov 2004	14 Nov 2005
164	Hong Kong	Patent	13113066.7	Particle detector, system and method (V)	Pending	12 Nov 2004	14 Nov 2005
165	Hong Kong	Patent	13113067.6	Particle detector, system and method (IV)	Pending	12 Nov 2004	14 Nov 2005
166	Malaysia	Patent	PI2013702324	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012
167	Canada	Patent	2836811	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012
168	South Korea	Patent	10-2013-7034025	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012

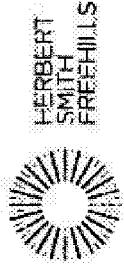
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Schedule 3 Released Intellectual Property

Number	Country	Type	Application Number	Inventor(s)	Status	Priority Date	Release Date	Patentee
169	Taiwan	Patent	102142973	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
170	Hong Kong	Patent	14108128.2	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012	Xtralis Technologies Ltd
171	China	Patent	201410351047.2	Particle detector, system and method	Pending	12 Nov 2004	22 Jul 2014	Xtralis Technologies Ltd
172	United States of America	Patent	141516727	Improved sensing apparatus and method	Pending	14 May 2003	17 Oct 2014	Xtralis Technologies Ltd
173	Canada	Patent	2875258	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
174	Japan	Patent	2015-515355	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
175	Malaysia	Patent	P12014703555	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd

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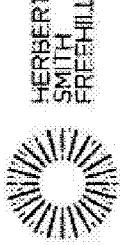
176	South Korea	Patent	10-2014-7034278	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
177	United States of America	Patent	14405719	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
178	Hong Kong	Patent	15103766.9	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
179	Europe	Patent	13793876.7	Sampling point for a particle detector	Pending	21 May 2012	21 May 2013	Xtralis Technologies Ltd
180	United States of America	Patent	14402748	Sampling point for a particle detector	Pending	21 May 2012	21 May 2013	Xtralis Technologies Ltd
181	Canada	Patent	2886675	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
182	China	Patent	201380054236.7	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd

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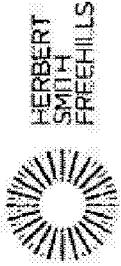
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Number	Country	Type	Number	Title	Status	Priority Date	Release Date	Released by
183	Europe	Patent	13848049.6	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
184	India	Patent	3045/DELNP/2015	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
185	Japan	Patent	2015-535938	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
186	Malaysia	Patent	PI2015701033	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
187	South Korea	Patent	10-2015-7010624	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
188	United States of America	Patent	14/433201	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
189	Hong Kong	Patent	15109128.9	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd

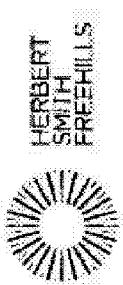
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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Title	Status	Priority Date	Filing Date	Patentee
190	United States of America	Patent	14/687969	Particle detection	Pending	15 Nov 2007	16 Apr 2015	Xtralis Technologies Ltd
191	Canada	Patent	2892798	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
192	India	Patent	4962/DELNP/2015	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
193	Japan	Patent	2015-543218	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
194	Malaysia	Patent	P12015-7017028	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
195	South Korea	Patent	10-2015-7017028	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
196	United States of America	Patent	14/647752	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd

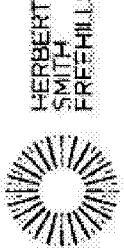
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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Name	Status	Priority Date	Priority Number
197	Hong Kong	Patent	15112560.8	Fire detection	Pending	27 Nov 2012	26 Nov 2013
198	Canada	Patent	2896640	Sampling point	Pending	19 Feb 2013	30 Sep 2013
199	India	Patent	5724/DELNP/2015	Sampling point	Pending	19 Feb 2013	30 Sep 2013
200	Japan	Patent	2015-557289	Sampling point	Pending	19 Feb 2013	30 Sep 2013
201	Malaysia	Patent	PI2015702464	Sampling point	Pending	19 Feb 2013	30 Sep 2013
202	South Korea	Patent	10-2015-7021689	Sampling point	Pending	19 Feb 2013	30 Sep 2013
203	United States of America	Patent	14768516	Sampling point	Pending	19 Feb 2013	30 Sep 2013

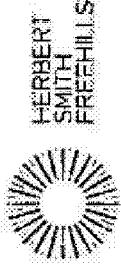
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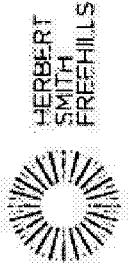
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Schedule 3 Released Intellectual Property

Number	Country	Type	Application Number	Priority Date	Publication Date	Patentee		
211	United States of America	Patent	14/895450	Particle detection system and related methods	Pending	03 Jun 2013	03 Jun 2014	Xtralis Technologies Ltd
212	Hong Kong	Patent	15/108833.7	Optical detection of particle characteristics	Pending	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
213	Hong Kong	Patent	15/109197.5	Particle detector, system and method	Pending	12 Nov 2004	14 Nov 2005	Xtralis Technologies Ltd
214	United States of America	Patent	14/931339	Gas detector for use with an air sampling particle detection system	Pending	05 Jun 2009	03 Nov 2015	Xtralis Technologies Ltd
215	Hong Kong	Patent	15/109547.2	Gas detector apparatus	Pending	05 Jun 2009	03 Jun 2013	Xtralis Technologies Ltd
216	United States of America	Patent	15/004253	Duct detector	Pending	10 Sep 2010	22 Jan 2016	Xtralis Technologies Ltd
217	Hong Kong	Patent	15/112561.7	Filter bypass	Pending	05 Mar 2010	04 Mar 2011	Xtralis Technologies Ltd

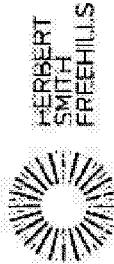
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Number	Country	Type	Number	Title	Status	Priority Date	Filing Date	Publication Date
218	United States of America	Patent	15/015707	Method of detecting particles by detecting a variation in scattered radiation	Pending		14 May 2003	04 Feb 2016
219	Hong Kong	Patent	16/104570.8	Improvements to particle detectors	Pending		01 May 2009	03 May 2010
220	Australia	Patent	2011223512	Filter bypass	Pending		05 Mar 2010	04 Mar 2011
221	Australia	Patent	2012255691	Surveillance system	Pending		16 May 2011	16 May 2012
222	Hong Kong	Patent	06109336.8	Improved sensing apparatus and method	Pending		14 May 2003	14 May 2004
223	Hong Kong	Patent	12109266.4	Gas detector apparatus	Pending		05 Jun 2009	03 Jun 2010
224	Hong Kong	Patent	13101394.5	Filter bypass	Pending		05 Mar 2010	04 Mar 2011

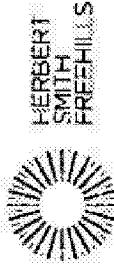
PATENT
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Schedule 3 Released Intellectual Property

Number	Country	Type	Application Number	Description	Pending	Priority Date	Release Date	Released By
225	Australia	Patent	2016200388	Particle detector with dust rejection	Pending	22 Jun 2011	22 Jan 2016	Xtralis Technologies Ltd
226	Australia	Patent	2014271245	Particle detection	Pending	15 Nov 2007	02 Dec 2014	Xtralis Technologies Ltd
227	South Korea	Patent	10-2011-7000597	Particle detection	Pending	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd
228	India	Patent	101/DELNP/2011	Particle detection	Pending	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd
229	India	Patent	558/MUMNP/2011	Optical detection of particle characteristics	Pending	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
230	Europe	Patent	09810931.7	Optical detection of particle characteristics	Pending	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
231	South Korea	Patent	10-2011-7028656	Improvements to particle detectors	Pending	01 May 2009	03 May 2010	Xtralis Technologies Ltd

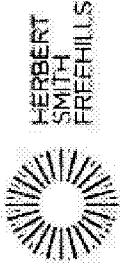
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Schedule 3 Released Intellectual Property

Number	Country	Type	Application No.	Title	Status	Priority Date	Priority No.
232	Malaysia	Patent	PI2011005239	Improvements to particle detectors	Pending	01 May 2009	03 May 2010
233	India	Patent	8848/CHENP/2011	Improvements to particle detectors	Pending	01 May 2009	03 May 2010
234	Canada	Patent	2760026	Improvements to particle detectors	Pending	01 May 2009	03 May 2010
235	South Korea	Patent	10-2012-7000245	Gas detector apparatus	Pending	05 Jun 2009	03 Jun 2010
236	Malaysia	Patent	PI2011005850	Gas detector apparatus	Pending	05 Jun 2009	03 Jun 2010
237	India	Patent	9619/CHENP/2011	Gas detector apparatus	Pending	05 Jun 2009	03 Jun 2010
238	Canada	Patent	2764010	Gas detector apparatus	Pending	05 Jun 2009	03 Jun 2010

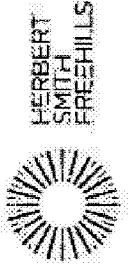
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Schedule 3 Released Intellectual Property

Number	Country	Type	Number	Title	Status	Priority	Priority Date	Released Date
239	South Korea	Patent	10-2012-7001569	Chamber condition	Pending	07 Jul 2009	07 Jul 2010	Xtralis Technologies Ltd
240	Malaysia	Patent	PI2011006389	Chamber condition	Pending	07 Jul 2009	07 Jul 2010	Xtralis Technologies Ltd
241	India	Patent	121/CHENP/2012	Chamber condition	Pending	07 Jul 2009	07 Jul 2010	Xtralis Technologies Ltd
242	Canada	Patent	2765593	Chamber condition	Pending	07 Jul 2009	07 Jul 2010	Xtralis Technologies Ltd
243	Taiwan	Patent	101117513	Surveillance system	Pending	16 May 2011	16 May 2012	Xtralis Technologies Ltd
244	Malaysia	Patent	PI2012003961	Particle precipitator	Pending	05 Mar 2010	03 Mar 2011	Xtralis Technologies Ltd
245	Europe	Patent	11750087.6	Particle precipitator	Pending	05 Mar 2010	03 Mar 2011	Xtralis Technologies Ltd

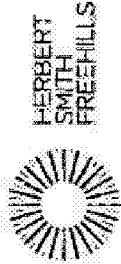
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Schedule 3 Released Intellectual Property

Number	Country	Type	Application Number	Title	Status	Priority Date	Priority
246	Malaysia	Patent	PI2012003962	Filter bypass	Pending	05 Mar 2010	04 Mar 2011
247	South Korea	Patent	10-2012-7026022	Filter bypass	Pending	05 Mar 2010	Xtralis Technologies Ltd
248	Malaysia	Patent	PI2012003959	Improved dust discrimination for sensing systems	Pending	05 Mar 2010	03 Mar 2011
249	Europe	Patent	11750088.4	Improved dust discrimination for sensing systems	Pending	05 Mar 2010	Xtralis Technologies Ltd
250	Europe	Patent	11750097.5	Filter bypass	Pending	05 Mar 2010	04 Mar 2011
251	Canada	Patent	2791529	Filter bypass	Pending	05 Mar 2010	Xtralis Technologies Ltd
252	India	Patent	7993/CHENP/2012	Filter bypass	Pending	05 Mar 2010	04 Mar 2011

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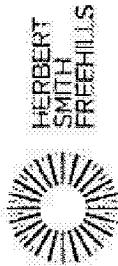
Schedule 3 Released Intellectual Property

253	United Kingdom	Patent	1303345.1	Duct detector	Pending	10 Sep 2010	09 Sep 2011	Xtralis Technologies Ltd
254	India	Patent	91/DELNP/2014	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012	Xtralis Technologies Ltd
255	China	Patent	201410573658.1	Duct detector	Pending	10 Sep 2010	23 Oct 2014	Xtralis Technologies Ltd
256	Australia	Patent	2013271365	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
257	China	Patent	201380029915.9	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
258	India	Patent	2426/MUMNP/2014	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013	Xtralis Technologies Ltd
259	Australia	Patent	2013266010	Sampling point for a particle detector	Pending	21 May 2012	21 May 2013	Xtralis Technologies Ltd

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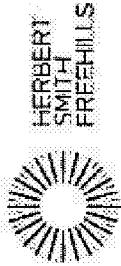
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Schedule 3 Released Intellectual Property

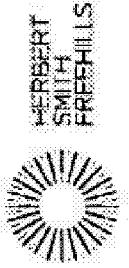
Number	Country	Type	Number	Title	Pending	Priority Date	Release Date	Released
260	China	Patent	201410757398.3	Optical detection of particle characteristics	Pending	05 Sep 2008	12 Dec 2014	Xtralis Technologies Ltd
261	Taiwan	Patent	104103257	Particle detection	Pending	01 May 2009	30 Jan 2015	Xtralis Technologies Ltd
262	Australia	Patent	2015200517	Particle detection	Pending	10 Jun 2008	03 Feb 2015	Xtralis Technologies Ltd
263	Taiwan	Patent	104103916	Determining alignment of a beam in an active video smoke detection (AVSD) System	Pending	15 Nov 2007	05 Feb 2015	Xtralis Technologies Ltd
264	Canada	Patent	283638	Particle detector, system and method	Pending	12 Nov 2004	09 Mar 2015	Xtralis Technologies Ltd
265	Taiwan	Patent	10411004	Particle detection system and ultrasonic flow sensor	Pending	05 Sep 2008	28 Mar 2015	Xtralis Technologies Ltd
266	China	Patent	201510209603.7	Improvements to particle detectors	Pending	01 May 2009	28 Apr 2015	Xtralis Technologies Ltd



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Number	Country	Type	Number	Priority date	Title	Status	Priority date	Title	Status
267	China	Patent	201380061651.5		Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
268	Europe	Patent	13859425.4		Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
269	China	Patent	201510236357.4		Gas detector apparatus	Pending	05 Jun 2009	11 May 2015	Xtralis Technologies Ltd
270	China	Patent	201380073227.2		Sampling point	Pending	19 Feb 2013	30 Sep 2013	Xtralis Technologies Ltd
271	Europe	Patent	13875468.4		Sampling point	Pending	19 Feb 2013	30 Sep 2013	Xtralis Technologies Ltd
272	China	Patent	201510272455.3		Filter bypass	Pending	05 Mar 2010	25 May 2015	Xtralis Technologies Ltd
273	China	Patent	201510280542.3		Particle detection	Pending	15 Nov 2007	27 May 2015	Xtralis Technologies Ltd

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Number	Country	Type	Application Number	Characteristics	Status	Priority Date	Filing Date	Owner	
274	Japan	Patent	2015-133508	Optical detection of particle characteristics	Pending		05 Sep 2008	02 Jul 2015	Xtralis Technologies Ltd
275	Malaysia	Patent	PI2015001780	Particle detection	Pending		10 Jun 2008	13 Jul 2015	Xtralis Technologies Ltd
276	Europe	Patent	14806908.3	Particle detection system and related methods	Pending		03 Jun 2013	03 Jun 2014	Xtralis Technologies Ltd
277	Taiwan	Patent	104127713	Gas detector apparatus	Pending		05 Jun 2009	25 Aug 2015	Xtralis Technologies Ltd
278	Australia	Patent	2015224408	Optical detection of particle characteristics	Pending		05 Sep 2008	08 Sep 2015	Xtralis Technologies Ltd
279	Australia	Patent	2015249058	Improvements to particle detectors	Pending		01 May 2009	27 Oct 2015	Xtralis Technologies Ltd
280	China	Patent	201510765706.1	Particle detection	Pending		10 Jun 2008	11 Nov 2015	Xtralis Technologies Ltd

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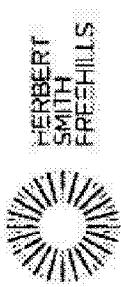
Number	Country	Type	Number	Title	Status	Priority Date	Issue Date	Assignee
281	Japan	Patent	2016-001584	Filter bypass	Pending	05 Mar 2010	07 Jan 2018	Xtralis Technologies Ltd
282	United States of America	Patent	5755250	Manifold and valve assembly for a smoke/pollution detection system	Expired at end of life (D)	11 May 1992	10 May 1993	Xtralis Technologies Ltd
283	Australia	Patent	2013332261	Addressability in particle detection	Pending	16 Oct 2012	16 Oct 2013	Xtralis Technologies Ltd
284	Australia	Patent	2013351910	Fire detection	Pending	27 Nov 2012	26 Nov 2013	Xtralis Technologies Ltd
285	Australia	Patent	2013376682	Sampling point	Pending	19 Feb 2013	30 Sep 2013	Xtralis Technologies Ltd
286	Australia	Patent	2014277636	Particle detection system and related methods	Pending	03 Jun 2013	03 Jun 2014	Xtralis Technologies Ltd
287	Australia	Patent	2004274988	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd



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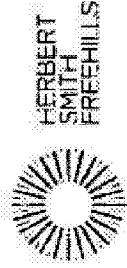
Number	Country	Type	Patent No.	Title	Grant Date	Priority Date	Applicant
288	Australia	Patent	2004256231	Method and system for a filter	Granted	18 Jul 2003	16 Jul 2002 Xtralis Technologies Ltd
289	United States of America	Patent	6052058	Filter integrity monitoring system	Granted	06 May 1996	06 May 1997 Xtralis Technologies Ltd
290	United States of America	Patent	6184537	Detection of airborne pollutants	Granted	03 May 1996	02 May 1997 Xtralis Technologies Ltd
291	United States of America	Patent	6285291	Detection of airborne pollutants	Granted	03 May 1996	02 May 1997 Xtralis Technologies Ltd
292	Japan	Patent	4750705	Particle detector	Granted	14 May 2003	14 May 2004 Xtralis Technologies Ltd
293	Japan	Patent	4838718	Improved sensing apparatus and method	Granted	14 May 2003	14 May 2004 Xtralis Technologies Ltd
294	Japan	Patent	4246261	The detection of airborne pollutants	Granted	03 May 1996	02 May 1997 Xtralis Technologies Ltd



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Number	Country	Type	Patent No.	Title	Status	Priority Date	Grant Date	Assignee
295	Japan	Patent	4338220	Filter integrity monitoring system	Granted	06 May 1996	06 May 1997	Xtralis Technologies Ltd
296	Canada	Patent	2179801	Security sensor arrangement with overlapping fields of view	Granted	23 Jun 1995	24 Jun 1996	Xtralis Technologies Ltd
297	Canada	Patent	2539208	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd
298	Germany	Patent	19781741	The detection of airborne pollutants	Granted	03 May 1996	02 May 1997	Xtralis Technologies Ltd
299	Germany	Patent	19781749	Filter integrity monitoring system	Granted	06 May 1996	06 May 1997	Xtralis Technologies Ltd
300	United Kingdom	Patent	2326475	Filter integrity monitoring system	Granted	06 May 1996	06 May 1997	Xtralis Technologies Ltd
301	United Kingdom	Patent	2326711	The detection of airborne pollutants	Granted	03 May 1996	02 May 1997	Xtralis Technologies Ltd

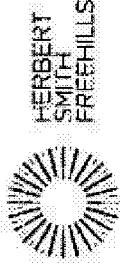
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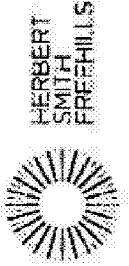
Number	Country	Type	Number	Title	Date	Granted	Expiry
302	United Kingdom	Patent	2327495	The detection of airborne pollutants		Granted	03 May 1996 02 May 1997
303	United Kingdom	Patent	2343947	Filter cartridge for the detection of airborne pollutants		Granted	03 May 1996 31 Jan 2003
304	United States of America	Patent	8412481	Method and apparatus for determining operational condition of pollution monitoring equipment		Granted	24 Sep 2003 24 Sep 2004
305	United States of America	Patent	7777633	Method and system for determining particle transmittance of a filter in particle detection system		Granted	18 Jul 2003 16 Jul 2004
306	United States of America	Patent	7983445	Method of detecting particles by detecting a variation in scattered radiation		Granted	14 May 2003 14 May 2004
307	United States of America	Patent	8224621	Sensing apparatus and method		Granted	14 May 2003 14 May 2004
308	Australia	Patent	2005218068	Testing of embedded systems		Granted	05 Mar 2004 04 Mar 2005



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Number	Country	Type	Number	Title	Date	Granted	Expiry	Holder
309	United States of America	Patent	8295541	Image processing apparatus and method		Granted	30 Jun 2004	30 Jun 2005
310	United States of America	Patent	7784358	Flow metering device for a plurality of fluid carriers		Granted	12 Nov 2004	14 Nov 2005
311	United States of America	Patent	8508376	Particle detector, system and method		Granted	12 Nov 2004	14 Nov 2005
312	Japan	Patent	5128285	Particle detector, system and method		Granted	12 Nov 2004	14 Nov 2005
313	China	Patent	ZL200580046445.2	Particle detector, system and method		Granted	12 Nov 2004	14 Nov 2005
314	South Korea	Patent	10-1311487	Particle detector, system and method		Granted	12 Nov 2004	14 Nov 2005
315	Japan	Patent	4802310	The detection of airborne pollutants		Granted	03 May 1996	13 Jun 2007

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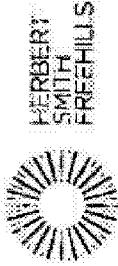
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Number	Country	Type	Number	Inventor(s)	Title	Grant Date	Priority Date	Assignee
316	Taiwan	Patent	I425973		Filter arrangement	Granted	24 Nov 2006	26 Nov 2007
317	Canada	Patent	2623859		Particle detector, system and method	Granted	12 Nov 2004	14 Nov 2005
318	Australia	Patent	2007219045		In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007
319	United States of America	Patent	8118918		In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007
320	Hong Kong	Patent	HK1131460		In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007
321	South Korea	Patent	10-1418468		In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007
322	China	Patent	ZL200780013252.6		In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007

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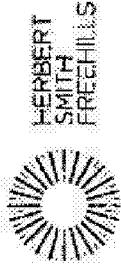
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Number	Country	Type	Patent No.	Invention	Issue Date	Priority Date	Granted To
323	Japan	Patent	5203225	In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007 Xtralis Technologies Ltd
324	Canada	Patent	2641914	In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007 Xtralis Technologies Ltd
325	Taiwan	Patent	1431846	Particle detection	Granted	15 Nov 2007	14 Nov 2008 Xtralis Technologies Ltd
326	Australia	Patent	2007324279	Filter arrangement	Granted	24 Nov 2006	23 Nov 2007 Xtralis Technologies Ltd
327	United States of America	Patent	8152886	Filter arrangement	Granted	24 Nov 2006	23 Nov 2007 Xtralis Technologies Ltd
328	China	Patent	ZL200780047098.4	Filter arrangement	Granted	24 Nov 2006	23 Nov 2007 Xtralis Technologies Ltd
329	South Korea	Patent	10-1493007	Filter arrangement	Granted	24 Nov 2006	23 Nov 2007 Xtralis Technologies Ltd

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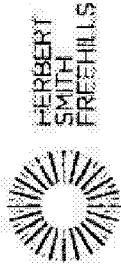
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Number	Country	Type	Patent No.	Inventor(s)	Title	Status	Granted	Date	Assignee
330	Japan	Patent	5269802		Filter arrangement	Granted	24 Nov 2006	23 Nov 2007	Xtralis Technologies Ltd
331	Canada	Patent	2670377		Filter arrangement	Granted	24 Nov 2006	23 Nov 2007	Xtralis Technologies Ltd
332	Taiwan	Patent	I482959		Detection of particle characteristics	Granted	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
333	Taiwan	Patent	I510772		Gas detector apparatus	Granted	05 Jun 2009	04 Jun 2010	Xtralis Technologies Ltd
334	Taiwan	Patent	I503530		Particle detection	Granted	01 May 2009	03 May 2010	Xtralis Technologies Ltd
335	China	Patent	ZL200880124826.1		Particle detection	Granted	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd
336	Japan	Patent	5662154		Particle detection	Granted	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd

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337	United States of America	Patent	9025144	Particle detection	Granted	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd
338	Australia	Patent	2008323626	Particle detection	Granted	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd
339	United States of America	Patent	8314710	Method and system for a filter	Granted	18 Jul 2003	16 Aug 2010	Xtralis Technologies Ltd
340	United States of America	Patent	8065922	Flow metering device for an aspirated smoke detector	Granted	12 Nov 2004	30 Aug 2010	Xtralis Technologies Ltd
341	Japan	Patent	5738557	Particle detector	Granted	14 May 2003	02 Sep 2010	Xtralis Technologies Ltd
342	Australia	Patent	2009257179	Particle detection	Granted	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd
343	China	Patent	ZL200980130131.9	Particle detection	Granted	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd



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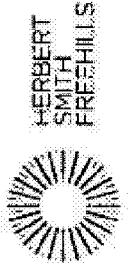
344	United States of America	Patent	8804119	Particle detection	Granted	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd
345	Japan	Patent	5647108	Particle detection	Granted	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd
346	Japan	Patent	5587146	Improved sensing apparatus and method	Granted	14 May 2003	18 Nov 2010	Xtralis Technologies Ltd
347	Australia	Patent	2010254595	Particle detector	Granted	14 May 2003	06 Dec 2010	Xtralis Technologies Ltd
348	United States of America	Patent	9128047	Detection of particle characteristics	Granted	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
349	Hong Kong	Patent	HK1163814	Optical detection of particle characteristics	Granted	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
350	China	Patent	ZL200980144262.2	Optical detection of particle characteristics	Granted	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd

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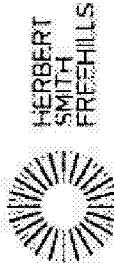
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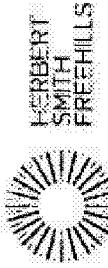
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351	Japan	Patent	5833923	Optical detection of particle characteristics	Granted	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd	
352	Australia	Patent	2009290147	Optical detection of particle characteristics	Granted	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd	
353	Australia	Patent	2011201151	Particle detector, system and method	Granted	12 Nov 2004	15 Mar 2011	Xtralis Technologies Ltd	
354	United Kingdom	Patent	GB1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd	
355	France	Patent	FR1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd	
356	Germany	Patent	DE1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd	
357	Ireland	Patent	IE1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd	



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Number	Country	Type	Patent No.	Title	Granted	Date	Granted	Title	Granted	Date	Granted	Title
358	Switzerland & Liechtenstein	Patent	CH1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd				
359	Luxembourg	Patent	LU1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd				
360	Monaco	Patent	MC1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Granted	24 Sep 2003	24 Sep 2004	Xtralis Technologies Ltd				
361	Australia	Patent	2011202538	Method and apparatus for determining flow	Granted	12 Nov 2004	31 May 2011	Xtralis Technologies Ltd				
362	China	Patent	ZL201110159838.1	In-line smoke attenuator	Granted	20 Feb 2006	09 Jun 2011	Xtralis Technologies Ltd				
363	United States of America	Patent	8406471	Particle detector	Granted	14 May 2003	20 Jun 2011	Xtralis Technologies Ltd				
364	United States of America	Patent	8797531	Particle detectors	Granted	01 May 2009	03 May 2010	Xtralis Technologies Ltd				



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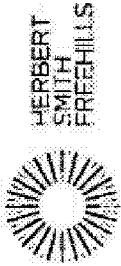
Number	Country	Type	Number	Title	Status	Priority Date	Grant Date	Assignee
365	Australia	Patent	2010242552	Improvements to particle detectors	Granted	01 May 2009	03 May 2010	Xtralis Technologies Ltd
366	Japan	Patent	5646600	Improvements to particle detectors	Granted	01 May 2009	03 May 2010	Xtralis Technologies Ltd
367	China	Patent	ZL201080030294.2	Improvements to particle detectors	Granted	01 May 2009	03 May 2010	Xtralis Technologies Ltd
368	Hong Kong	Patent	HK1168458	Improvements to particle detectors	Granted	01 May 2009	03 May 2010	Xtralis Technologies Ltd
369	Taiwan	Patent	1482125	Duct detector	Granted	10 Sep 2010	08 Sep 2011	Xtralis Technologies Ltd
370	United States of America	Patent	9235970	Gas detector for use with an air sampling particle detection system	Granted	05 Jun 2009	03 Jun 2010	Xtralis Technologies Ltd
371	Japan	Patent	5540085	Gas detector apparatus	Granted	05 Jun 2009	03 Jun 2010	Xtralis Technologies Ltd

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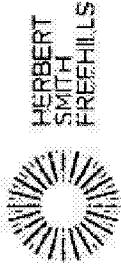
Number	Country	Type	Patent No.	Title	Status	Grant Date	Release Date
372	China	Patent	ZL2010800034685.1	Gas detector apparatus	Granted	05 Jun 2009	03 Jun 2010
373	Australia	Patent	2010255496	Gas detector apparatus	Granted	05 Jun 2009	03 Jun 2010
374	Japan	Patent	5671530	Chamber condition	Granted	07 Jul 2009	07 Jul 2010
375	China	Patent	ZL2010800030761.1	Chamber condition	Granted	07 Jul 2009	07 Jul 2010
376	Australia	Patent	2010269127	Chamber condition	Granted	07 Jul 2009	07 Jul 2010
377	United States of America	Patent	9111427	Chamber condition	Granted	07 Jul 2009	07 Jul 2010
378	Australia	Patent	20112201531	In-line smoke attenuator	Granted	20 Feb 2006	15 Mar 2012

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Number	Country	Patent	Grant No.	Date of Grant	Expiry Date	Assignee		
379	Hong Kong	Patent	HK1165857	In-line smoke attenuator	Granted	20 Feb 2006	20 Feb 2007	Xtralis Technologies Ltd
380	United States of America	Patent	8892399	Sensing apparatus and method	Granted	14 May 2003	09 Jul 2012	Xtralis Technologies Ltd
381	China	Patent	ZL201180012579.8	Filter bypass	Granted	05 Mar 2010	04 Mar 2011	Xtralis Technologies Ltd
382	Australia	Patent	2013200353	Addressability in particle detection	Granted	16 Oct 2012	21 Jan 2013	Xtralis Technologies Ltd
383	United States of America	Patent	8620031	Method of detecting particles by detecting a variation in scattered radiation	Granted	14 May 2003	25 Feb 2013	Xtralis Technologies Ltd
384	United States of America	Patent	9257027	Duct detector	Granted	10 Sep 2010	09 Sep 2011	Xtralis Technologies Ltd
385	Australia	Patent	2011300546	Duct detector	Granted	10 Sep 2010	09 Sep 2011	Xtralis Technologies Ltd



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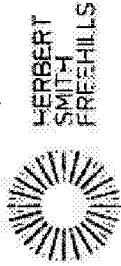
386	Japan	Patent	5722373	Particle detector	Granted	14 May 2003	18 Mar 2013	Xtralis Technologies Ltd
387	Japan	Patent	5738921	Particle detector	Granted	14 May 2003	02 May 2013	Xtralis Technologies Ltd
388	United States of America	Patent	9007223	Particle detector, system and method	Granted	12 Nov 2004	08 Jul 2013	Xtralis Technologies Ltd
389	United States of America	Patent	9002065	Method of detecting particles by detecting a variation in scattered radiation	Granted	14 May 2003	25 Nov 2013	Xtralis Technologies Ltd
390	South Korea	Patent	10-1454335	In-line smoke attenuator	Granted	20 Feb 2006	13 Dec 2013	Xtralis Technologies Ltd
391	Canada	Patent	2839363	In-line smoke attenuator	Granted	20 Feb 2006	14 Jan 2014	Xtralis Technologies Ltd
392	Australia	Patent	2014203402	Duct detector	Granted	10 Sep 2010	23 Jun 2014	Xtralis Technologies Ltd

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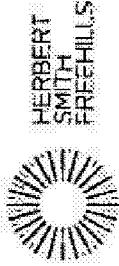
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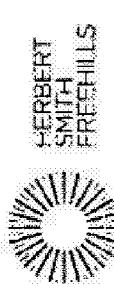
393	United States of America	Patent	9267884	Particle detection	Granted	10 Jun 2008	27 Jun 2014	Xtralis Technologies Ltd
394	United States of America	Patent	9057485	Particle detectors	Granted	01 May 2009	04 Aug 2014	Xtralis Technologies Ltd
395	France	Patent	FR1627366	Improved sensing apparatus and method	Granted	14 May 2003	14 May 2004	Xtralis Technologies Ltd
396	Germany	Patent	DE1627366	Improved sensing apparatus and method	Granted	14 May 2003	14 May 2004	Xtralis Technologies Ltd
397	Ireland	Patent	IE1627366	Improved sensing apparatus and method	Granted	14 May 2003	14 May 2004	Xtralis Technologies Ltd
398	Switzerland & Liechtenstein	Patent	CH1627366	Improved sensing apparatus and method	Granted	14 May 2003	14 May 2004	Xtralis Technologies Ltd
399	United Kingdom	Patent	GB1627366	Improved sensing apparatus and method	Granted	14 May 2003	14 May 2004	Xtralis Technologies Ltd



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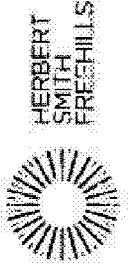
Number	Country	Type	Number	Title	Grant Date	Priority Date	Assignee
400	France	Patent	FR2527022	Filter arrangement	Granted	24 Nov 2006	02 Aug 2012
401	Germany	Patent	DE2527022	Filter arrangement	Granted	24 Nov 2006	02 Aug 2012
402	Ireland	Patent	IE2527022	Filter arrangement	Granted	24 Nov 2006	02 Aug 2012
403	Switzerland & Liechtenstein	Patent	CH2527022	Filter arrangement	Granted	24 Nov 2006	02 Aug 2012
404	United Kingdom	Patent	GB2527022	Filter arrangement	Granted	24 Nov 2006	02 Aug 2012
405	France	Patent	FR2278567	Improved sensing apparatus and method	Granted	14 May 2003	29 Sep 2010
406	Germany	Patent	DE2278567	Improved sensing apparatus and method	Granted	14 May 2003	29 Sep 2010

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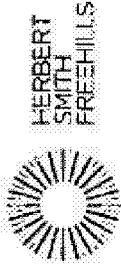
Patent No.	Country	Type	Application No.	Priority Date	Grant Date	Assignee
407	Ireland	Patent	IE2278567	Improved sensing apparatus and method	Granted	14 May 2003
408	Switzerland & Liechtenstein	Patent	CHL2278567	Improved sensing apparatus and method	Granted	14 May 2003
409	United Kingdom	Patent	GB2278567	Improved sensing apparatus and method	Granted	14 May 2003
410	France	Patent	FR1812774	Method and apparatus for determining flow	Granted	12 Nov 2004
411	Germany	Patent	DE1812774	Method and apparatus for determining flow	Granted	12 Nov 2004
412	Ireland	Patent	IE1812774	Method and apparatus for determining flow	Granted	12 Nov 2004
413	Switzerland & Liechtenstein	Patent	CHL1812774	Method and apparatus for determining flow	Granted	12 Nov 2004



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Number	Country	Type	Number	Priority date	Publication date	Status	Grant date	Release date	Assignee
414	United Kingdom	Patent	GB1812774			Method and apparatus for determining flow		12 Nov 2004	14 Nov 2005
415	Australia	Patent	2006906591			Filter arrangement		24 Nov 2006	Xtralis Technologies Ltd
416	Australia	Patent	2007906260			Particle detection	Lapsed (complete or PCT filed) (D)	15 Nov 2007	Xtralis Technologies Ltd
417	Australia	Patent	2008902909			Particle detection	Lapsed (complete or PCT filed) (D)	10 Jun 2008	Xtralis Technologies Ltd
418	Australia	Patent	2008903269			Particle detection	Lapsed (complete or PCT filed) (D)	26 Jun 2008	Xtralis Technologies Ltd
419	Australia	Patent	2008903270			Particle detection	Lapsed (complete or PCT filed) (D)	26 Jun 2008	Xtralis Technologies Ltd
420	Australia	Patent	2008903268			Particle detection	Lapsed (complete or PCT filed) (D)	26 Jun 2008	Xtralis Technologies Ltd

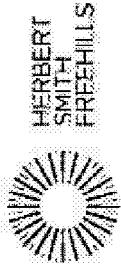
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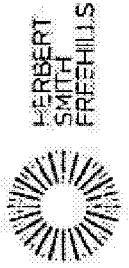
Number	Country	Type	Number	Title	Status	Priority date	Priority date	Priority date
421	Australia	Patent	2008904626	Detection of particle characteristics	Lapsed (complete or PCT filed) (D)	05 Sep 2008	05 Sep 2008	Xtralis Technologies Ltd
422	Australia	Patent	2009901923	Particle detector, processor management and acquisition	Lapsed (complete or PCT filed) (D)	01 May 2009	01 May 2009	Xtralis Technologies Ltd
423	Australia	Patent	2009901924	Particle detector; calibration, testing and commissioning techniques	Lapsed (complete or PCT filed) (D)	01 May 2009	01 May 2009	Xtralis Technologies Ltd
424	Australia	Patent	2009901922	Particle detectors; polarisation, reflections; field of view techniques	Lapsed (complete or PCT filed) (D)	01 May 2009	01 May 2009	Xtralis Technologies Ltd
425	Australia	Patent	2009901927	Particle detector; transmission techniques	Lapsed (complete or PCT filed) (D)	01 May 2009	01 May 2009	Xtralis Technologies Ltd
426	Australia	Patent	2009901925	Particle detector; receiver techniques	Lapsed (complete or PCT filed) (D)	01 May 2009	01 May 2009	Xtralis Technologies Ltd
427	Australia	Patent	2009901926	Particle detector with auxiliary functions	Lapsed (complete or PCT filed) (D)	01 May 2009	01 May 2009	Xtralis Technologies Ltd



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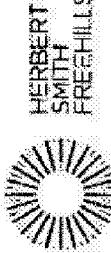
428	Australia	Patent	2010900938	Filter bypass	Lapsed (complete or PCT filed) (D)	05 Mar 2010	05 Mar 2010	Xtralis Technologies Ltd
429	Australia	Patent	2009902606	Gas detector apparatus	Lapsed (complete or PCT filed) (D)	05 Jun 2009	05 Jun 2009	Xtralis Technologies Ltd
430	Australia	Patent	2009903184	Chamber condition	Lapsed (complete or PCT filed) (D)	07 Jul 2009	07 Jul 2009	Xtralis Technologies Ltd
431	Australia	Patent	2010900936	Improved dust discrimination for sensing systems	Lapsed (complete or PCT filed) (D)	05 Mar 2010	05 Mar 2010	Xtralis Technologies Ltd
432	Australia	Patent	2010900937	Particle precipitator	Lapsed (complete or PCT filed) (D)	05 Mar 2010	05 Mar 2010	Xtralis Technologies Ltd
433	Australia	Patent	2013900547	Sampling point	Lapsed (complete or PCT filed) (D)	19 Feb 2013	19 Feb 2013	Xtralis Technologies Ltd
434	Australia	Patent	2010904079	Duct detector	Lapsed (complete or PCT filed) (D)	10 Sep 2010	10 Sep 2010	Xtralis Technologies Ltd



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Serial No.	Country	Type	Application No.	Title	Priority Date	Publication Date	Owner
435	Australia	Patent	2011901868	Surveillance system	Lapsed (complete or PCT filed) (D)	16 May 2011	Xtralis Technologies Ltd
436	Australia	Patent	2011902443	Particle detector with dust rejection	Lapsed (complete or PCT filed) (D)	22 Jun 2011	Xtralis Technologies Ltd
437	Australia	Patent	2012902081	Sampling point for a particle detector	Lapsed (complete or PCT filed) (D)	21 May 2012	Xtralis Technologies Ltd
438	Australia	Patent	2012902414	Multi mode detection	Lapsed (complete or PCT filed) (D)	08 Jun 2012	Xtralis Technologies Ltd
439	Australia	Patent	2012904516	Addressability in particle detection	Lapsed (complete or PCT filed) (D)	16 Oct 2012	Xtralis Technologies Ltd
440	Australia	Patent	2012904854	Addressability in particle detection	Lapsed (complete or PCT filed) (D)	02 Nov 2012	Xtralis Technologies Ltd
441	Australia	Patent	2012905188	Fire detection	Lapsed (complete or PCT filed) (D)	27 Nov 2012	Xtralis Technologies Ltd



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Number	Country	Type	Priority	Priority Date	Title	Status	Priority	Priority Date	Title	Status
442	Australia	Patent	2013902076		Addressability in particle detection	Lapsed (complete or PCT filed) (D)	07 Jun 2013	07 Jun 2013	Xtralis Technologies Ltd	
443	Australia	Patent	2013901993		Aspirated particle detection	Lapsed (complete or PCT filed) (D)	03 Jun 2013	03 Jun 2013	Xtralis Technologies Ltd	
444	Australia	Patent	2013902570		Addressability in particle detection	Lapsed (complete or PCT filed) (D)	11 Jul 2013	11 Jul 2013	Xtralis Technologies Ltd	
445	Australia	Patent	2013902569		Aspirated particle detection	Lapsed (complete or PCT filed) (D)	11 Jul 2013	11 Jul 2013	Xtralis Technologies Ltd	
446	Australia	Patent	2013904414		Addressability in particle detection	Lapsed (complete or PCT filed) (D)	14 Nov 2013	14 Nov 2013	Xtralis Technologies Ltd	
447	Australia	Patent	2014900028		Analysis method and system	Lapsed (complete or PCT filed) (D)	06 Jan 2014	06 Jan 2014	Xtralis Technologies Ltd	
448	Japan	Patent	2012-555260		Filter bypass	Lapsed (divisional filed) (D)	05 Mar 2010	04 Mar 2011	Xtralis Technologies Ltd	

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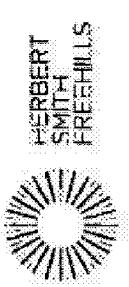
Number	Country	Type	Number	Title	Priority	Filing Date	Expiry Date	Entered
449	Australia	Patent	2012272552	Particle detector with dust rejection	Lapsed (divisional filed) (D)	22 Jun 2011	21 Jun 2012	Xtralis Technologies Ltd
450	Australia	Patent	2010902723	Particle detector with dust rejection	Lapsed (refiled) (D)	21 Jun 2010	21 Jun 2013	Xtralis Technologies Ltd
451	Australia	Patent	2011901362	Particle detection	Lapsed (refiled) (D)	11 Apr 2011	11 Apr 2011	Xtralis Technologies Ltd
452	Australia	Patent	2012901431	Particle detection	Lapsed (refiled) (D)	12 Apr 2012	12 Apr 2012	Xtralis Technologies Ltd
453	Australia	Patent	2010901032	A detector	Lapsed	12 Mar 2010	12 Mar 2010	Xtralis Technologies Ltd
454	PCT	Patent	PCT/AU2007/001805	Filter arrangement	Lapsed-National Phases entered (D)	24 Nov 2006	23 Nov 2007	Xtralis Technologies Ltd
455	PCT	Patent	PCT/AU2008/000315	Method and system for particle detection	Lapsed-National Phases entered (D)	09 Mar 2007	07 Mar 2008	Xtralis Technologies Ltd

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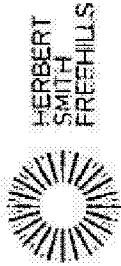
Schedule 3 Released Intellectual Property

Number	Type	Application Number	Title	Priority Date	Publication Date	Owner		
456	PCT	Patent	PCT/AU2008/001697	Particle detection	Lapsed-National phases entered (D)	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd
457	PCT	Patent	PCT/AU2009/000727	Particle detection	Lapsed-National phases entered (D)	10 Jun 2008	10 Jun 2009	Xtralis Technologies Ltd
458	PCT	Patent	PCT/AU2009/001162	Detection of particle characteristics	Lapsed-National phases entered (D)	05 Sep 2008	04 Sep 2009	Xtralis Technologies Ltd
459	PCT	Patent	PCT/GB2010/050938	Gas detector apparatus	Lapsed-National phases entered (D)	05 Jun 2009	03 Jun 2010	Xtralis Technologies Ltd
460	PCT	Patent	PCT/AU2010/000511	Improvements to particle detectors	Lapsed-National phases entered (D)	01 May 2009	03 May 2010	Xtralis Technologies Ltd
461	PCT	Patent	PCT/AU2010/000871	Chamber condition	Lapsed-National phases entered (D)	07 Jul 2009	07 Jul 2010	Xtralis Technologies Ltd
462	PCT	Patent	PCT/AU2011/000254	Filter bypass	Lapsed-National phases entered (D)	05 Mar 2010	04 Mar 2011	Xtralis Technologies Ltd



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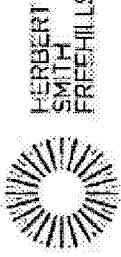
Number	Type	Priority	Title	Entered	Lapsed	Entered	Lapsed	Entered	Lapsed	Entered	Lapsed
463	PCT	Patent	PCT/AU2011/000238	Improved dust discrimination for sensing systems		Lapsed-National phases entered (D)	05 Mar 2010	03 Mar 2011		Xtralis Technologies Ltd	
464	PCT	Patent	PCT/AU2011/000237	Particle precipitator		Lapsed-National phases entered (D)	05 Mar 2010	03 Mar 2011		Xtralis Technologies Ltd	
465	PCT	Patent	PCT/GB2011/051692	Duct detector		Lapsed-National phases entered (D)	10 Sep 2010	09 Sep 2011		Xtralis Technologies Ltd	
466	PCT	Patent	PCT/AU2012/000539	Surveillance system		Lapsed-National phases entered (D)	16 May 2011	16 May 2012		Xtralis Technologies Ltd	
467	PCT	Patent	PCT/AU2012/000711	Particle detector with dust rejection		Lapsed-National phases entered (D)	22 Jun 2011	21 Jun 2012		Xtralis Technologies Ltd	
468	PCT	Patent	PCT/AU2013/000611	Multi-mode detection		Lapsed-National phases entered (D)	08 Jun 2012	07 Jun 2013		Xtralis Technologies Ltd	
469	PCT	Patent	PCT/AU2013/000529	Sampling point for a particle detector		Lapsed-National phases entered (D)	21 May 2012	21 May 2013		Xtralis Technologies Ltd	



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Number	Country	Type	Patent No.	Description	Entered	Entered	Entered
470	PCT	Patent	PCT/AU2013/0011201	Addressability in particle detection	Lapsed-National phases entered (D)	16 Oct 2012	16 Oct 2013 Xtralis Technologies Ltd
471	PCT	Patent	PCT/AU2013/001121	Sampling point	Lapsed-National phases entered (D)	19 Feb 2013	30 Sep 2013 Xtralis Technologies Ltd
472	PCT	Patent	PCT/AU2013/001370	Fire detection	Lapsed-National phases entered (D)	27 Nov 2012	26 Nov 2013 Xtralis Technologies Ltd
473	PCT	Patent	PCT/AU2014/050060	Particle detection system and related methods	Lapsed-National Phases entered (D)	03 Jun 2013	03 Jun 2014 Xtralis Technologies Ltd
474	Malaysia	Patent		Optical detection of particle characteristics	Not yet filed	05 Sep 2008	Xtralis Technologies Ltd
475	Hong Kong	Patent		Sampling point	Not yet filed	19 Feb 2013	30 Sep 2013 Xtralis Technologies Ltd
476	Canada	Patent		Particle detector	Not yet filed	14 May 2003	Xtralis Technologies Ltd

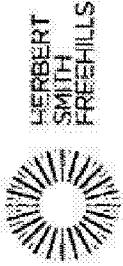
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Category	Priority	Number	Title	Status	Priority	Number	Title	Status
477	Hong Kong	Patent	Particle detection system and related methods	Not yet filed	03 Jun 2013	03 Jun 2014	Xtralis Technologies Ltd	Applied
478	Germany	Patent	19781742	The detection of airborne pollutants	Granted	03 May 1996	02 May 1997	Xtralis Technologies Ltd
479	Europe	Patent	04732884.4	Particle detector	Pending	14 May 2003	14 May 2004	Xtralis Technologies Ltd
480	Canada	Patent	2526324	Particle detector	Pending	14 May 2003	14 May 2004	Xtralis Technologies Ltd
481	Europe	Patent	05803201.2	Particle detector, system and method	Pending	12 Nov 2004	14 Nov 2005	Xtralis Technologies Ltd
482	Europe	Patent	07701519.6	In-line smoke attenuator	Pending	20 Feb 2006	20 Feb 2007	Xtralis Technologies Ltd
483	South Korea	Patent	10-2010-7013180	Particle detection	Pending	15 Nov 2007	14 Nov 2008	Xtralis Technologies Ltd

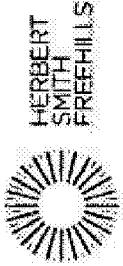
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Number	Country	Type	Number	Title	Status	Date	Reason
484	Canada	Patent	2705830	Particle detection	Pending	15 Nov 2007	14 Nov 2008
485	Taiwan	Patent	99122322	Chamber condition	Pending	07 Jul 2009	07 Jul 2010
486	Europe	Patent	09761163.6	Particle detection	Pending	10 Jun 2008	10 Jun 2009
487	Malaysia	Patent	P102010005880	Particle detection	Pending	10 Jun 2008	10 Jun 2009
488	Canada	Patent	2727113	Particle detection	Pending	10 Jun 2008	10 Jun 2009
489	Taiwan	Patent	100107374	Filter bypass	Pending	05 Mar 2010	04 Mar 2011
490	Taiwan	Patent	100107372	Improved dust discrimination for sensing systems	Pending	05 Mar 2010	04 Mar 2011

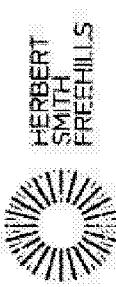
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Number	Country	Type	Application Number	Description	Status	Filing Date	Priority Date
491	South Korea	Patent	10-2011-7007766	Optical detection of particle characteristics	Pending	05 Sep 2008	04 Sep 2009
492	Canada	Patent	2735715	Optical detection of particle characteristics	Pending	05 Sep 2008	04 Sep 2009
493	Malaysia	Patent	PI2011000968	Optical detection of particle characteristics	Pending	05 Sep 2008	04 Sep 2009
494	Taiwan	Patent	100107373	Particle precipitator	Pending	05 Mar 2010	04 Mar 2011
495	Europe	Patent	10769161.0	Improvements to particle detectors	Pending	01 May 2009	03 May 2010
496	Europe	Patent	10727127.2	Gas detector apparatus	Pending	05 Jun 2009	03 Jun 2010
497	Europe	Patent	10796588.1	Chamber condition	Pending	07 Jul 2009	07 Jul 2010

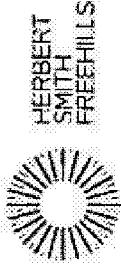
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Number	Country	Type	Number	Priority Date	Status	Priority Date	Priority Date
498	China	Patent	201110375101.3	Particle detector, system and method	Pending	12 Nov 2004	17 Nov 2011
499	Taiwan	Patent	101122490	Particle detector with dust rejection	Pending	22 Jun 2011	22 Jun 2012
500	United States of America	Patent	13/582839	Particle precipitator	Pending	05 Mar 2010	03 Mar 2011
501	United States of America	Patent	13/582846	Improved dust discrimination for sensing systems	Pending	05 Mar 2010	03 Mar 2011
502	United States of America	Patent	13/582832	Filter bypass	Pending	05 Mar 2010	04 Mar 2011
503	Europe	Patent	12182833.9	Particle detector (II)	Pending	14 May 2003	03 Sep 2012
504	Europe	Patent	12183207.5	Particle detector, system and method (V)	Pending	12 Nov 2004	05 Sep 2012

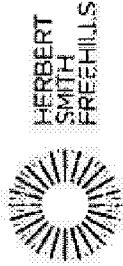
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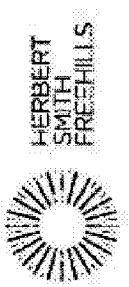
Number	Country	Type	Number	Description	Pending	Priority Date	Patentee
505	Europe	Patent	12183197.8	Particle detector, system and method (IV)	Pending	12 Nov 2004	05 Sep 2012
506	Europe	Patent	12183185.3	Particle detector, system and method (III)	Pending	12 Nov 2004	05 Sep 2012
507	Europe	Patent	12183148.1	Particle detector, system and method (II)	Pending	12 Nov 2004	05 Sep 2012
508	Europe	Patent	12183106.9	Particle detector, system and method (I)	Pending	12 Nov 2004	05 Sep 2012
509	China	Patent	201180043181.0	Duct detector	Pending	10 Sep 2010	09 Sep 2011
510	Europe	Patent	12785369.5	Surveillance system	Pending	16 May 2011	16 May 2012
511	China	Patent	201280029529.5	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012



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512	Europe	Patent	12802158.1	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012	Xtralis Technologies Ltd
513	Japan	Patent	2014-516132	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012	Xtralis Technologies Ltd
514	United States of America	Patent	14/127984	Particle detector with dust rejection	Pending	22 Jun 2011	21 Jun 2012	Xtralis Technologies Ltd
515	Japan	Patent	2014-148142	Particle detection	Pending	15 Nov 2007	18 Jul 2014	Xtralis Technologies Ltd
516	Canada	Patent	2858059	Particle detector	Pending	14 May 2003	30 Jul 2014	Xtralis Technologies Ltd
517	Japan	Patent	2014-225490	Improvements to particle detectors	Pending	01 May 2009	05 Nov 2014	Xtralis Technologies Ltd
518	Japan	Patent	2014-225974	Particle detection	Pending	10 Jun 2008	06 Nov 2014	Xtralis Technologies Ltd

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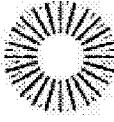
Number	Country	Type	Number	Title	Status	Priority Date	Priority Number
519	Europe	Patent	13800532.7	Multi-mode detection	Pending	08 Jun 2012	07 Jun 2013
520	United States of America	Patent	14/620534	Particle detector, system and method	Pending	12 Nov 2004	12 Feb 2015
521	United States of America	Patent	14/738371	Particle detectors	Pending	01 May 2009	12 Jun 2015
522	United States of America	Patent	14/954141	Particle detection	Pending	10 Jun 2008	30 Nov 2015
523	Europe	Patent	1665189	Method and apparatus for determining operational condition of pollution monitoring equipment	Validated in designated states	24 Sep 2003	24 Sep 2004
524	Europe	Patent	1627396	Improved sensing apparatus and method	Validated in designated states	14 May 2003	14 May 2004
525	Europe	Patent	1812774	Method and apparatus for determining flow	Validated in designated states	12 Nov 2004	14 Nov 2005

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Number	Country	Type	Number	Title	Status	Priority	Date	Priority Date	Assignee
526	Europe	Patent	2278567	Improved sensing apparatus and method	Validated in designated states	14 May 2003	29 Sep 2010	11/03/2011	Xtralis Technologies Ltd
527	Europe	Patent	2527022	Filter arrangement	Validated in designated states	24 Nov 2006	02 Aug 2012	11/03/2011	Xtralis Technologies Ltd
528	PCT	Patent	PCT/AU2014/050290	Addressability in particle detection	Pending	16 Oct 2013	16 Oct 2014	11/03/2011	Xtralis Technologies Ltd, Xtralis Global, Kemal Ajay, Ronald Knox, Brian Alexander, Karl Boetger, Raliq Kumar Singh, Thor North, Stephen James Pattinson, Peter Massingberd-Mundy, Alasdair James Williamsch



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Schedule 4

Form of confirmation of release (Belgian receivables Pledges)

[letterhead of Security Trustee]

TO WHOM IT MAY CONCERN

From: National Australia Bank Limited as Pledgee

Cc: [V.S.K. Electronics NV (including in its capacity as successor to I.D.C.S. NV)]/[Télé-Technique-Générale SA]/[Ving Holdings (Belgium) BVBA]*

Date: []

Dear Sirs,

RELEASE OF SECURITY OVER RECEIVABLES

We hereby certify in our capacity as Pledgee under a receivables pledge agreement dated 3 July 2008 between [V.S.K. Electronics NV /[Télé-Technique-Générale SA]/[Ving Holdings (Belgium) BVBA] /[I.D.C.S. NV] as pledgor and National Australia Bank Limited as Pledgee (the "Pledge Agreement"), that all security created pursuant to the Pledge Agreement on claims, rights and receivables owed to [V.S.K. Electronics NV (including in its capacity as successor to I.D.C.S. NV)]/[Télé-Technique-Générale SA]/[Ving Holdings (Belgium) BVBA] **, has been released.

NATIONAL AUSTRALIA BANK LIMITED

By:

.....

Name:

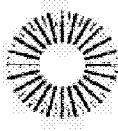
.....

Title:

.....

* Insert as applicable

** Insert as applicable



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Schedule 5

Form of appointment of agent (Belgian share pledges)

[letterhead of Security Trustee]

On this [], the undersigned,

National Australia Bank Limited as pledgee (the "Pledgee") refers to:

- a) the share pledge agreement dated 3 July 2008 by and between Ving Holdings (Belgium) BVBA as pledgor and National Australia Bank Limited as pledgee;
- b) the share pledge agreement dated 3 July 2008 by and between Belgian Automations Units NV as pledgor and National Australia Bank Limited as pledgee;
- c) the share pledge agreement dated 3 July 2008 by and between V.S.K. Electronics NV as pledgor and National Australia Bank Limited as pledgee; and
- d) the share pledge agreement dated 3 September 2008 by and between Ving (Holdings) Hong Kong Limited as pledgor and National Australia Bank Limited as pledgee to which Xtralis Security Holdings Limited acceded pursuant to a share pledge accession and confirmation agreement dated 12 June 2015,

together the "Share Pledge Agreements".

For the purposes of registering the release of the security granted pursuant to the Share Pledge Agreements in the share registers of each of Téléc-Technique-Générale SA, Belgian Automation Units NV, Ving Holdings (Belgium) BVBA and V.S.K. Electronics NV, the Pledgee hereby appoints as its agent, each with power to act alone:

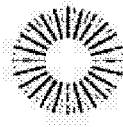
Antoine De Raeve, Michael Van Acker, Eric Blomme, Joren Jansseune, Hélène Van Steenberge and Thomas Vanthourmout and any other lawyer of Baker & McKenzie CVBA/SCRL;

The Pledgee shall indemnify these agents for any loss or liability which they may incur in connection with this appointment of agent (save for events of wilful misconduct), and undertakes to promptly ratify and confirm any acts any of these agents performs in connection with this appointment of agent.

Any fees and costs in relation to the deregistration of the Share Pledge Agreements are, in accordance with the Deed poll of release dated [•] 2016 and entered into by amongst others, National Australia Bank Limited (as Security Trustee and Senior Facility Agent) and Best Investments (Delaware) L.L.C. (as RPS Facility Agent), for the account of Xtralis Group Holdings Limited and should be claimed by you from it exclusively.

This appointment of agent is governed by Belgian law.

(Signature page follows)



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NATIONAL AUSTRALIA BANK LIMITED

By:

.....

Name:

.....

Title:

.....

Schedule 6

Form of release instruction (Belgian mortgages, mortgage mandates and floating charges)

INSTRUCTIEBRIEF

De ondergetekende:

NATIONAL AUSTRALIA BANK LIMITED, een vennootschap met beperkte aansprakelijkheid naar Australisch recht, regelmatig ingeschreven in het bevoegd handelsregister onder nummer ABN 12 004 044 937, handelend in eigen naam en voor eigen rekening alsook voor de rekening van de andere Begunstigden (zoals gedefinieerd in de Vrijgegeven Zekerheidsdocumenten (zoals hieronder gedefinieerd)) in haar hoedanigheid van Security Trustee, te Level 25, 255 George Street, Sydney NSW 2000, Australië (de "Security Trustee"),

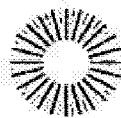
DRAAGT HIERBIJ OP EN GEVEN ONHERROEPELIJK TOESTEMMING AAN:

Notaris Meester Vincent Vroninks (Vroninks & Ricker, Geassocieerde notarissen) met kantoor te Kapitein Crespelstraat 16, 1050 Brussel (de "Notaris")

OM OP ONVOORWAARDELIJKE WIJZE OPHEFFING EN VRIJGAVE TE VERLENEN

van de zakelijke zekerheidsrechten en mandaten die voortvloeien uit:

- a) de akte tot vestiging van een hypotheek verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 tussen V.S.K. Electronics NV als hypotheekgever en National Australia Bank Limited als hypothekennehmer;
- b) de akte tot vestiging van een hypotheek verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 tussen Télé-Technique-Générale SA als hypotheekgever en National Australia Bank Limited als hypothekennehmer;
- c) de akte tot vestiging van een hypotheek verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 tussen I.D.C.S. NV (welke vennootschap is opgehouden te bestaan na haar fusie met V.S.K. Electronics NV) als hypotheekgever en National Australia Bank Limited als hypothekennehmer;
- d) de hypothecaire volmacht verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 en verleend door V.S.K. Electronics NV als lastgever aan bepaalde lasthebbers;
- e) de hypothecaire volmacht verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 en verleend door Télé-Technique-Générale SA als lastgever aan bepaalde lasthebbers;
- f) de hypothecaire volmacht verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 en verleend door I.D.C.S. NV (welke vennootschap is opgehouden te bestaan na haar fusie met V.S.K. Electronics NV) als lastgever aan bepaalde lasthebbers;
- g) de akte tot vestiging van een pand op de handelszaak verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 tussen Télé-Technique-Générale SA als pandgever en National Australia Bank Limited als pandhouder;
- h) in zoverre relevant, de akte tot vestiging van een pand op de handelszaak verleend voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 tussen I.D.C.S. NV



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Schedule 6 Form of release instruction (Belgian mortgages,
mortgage mandates and floating charges)

- (welke vennootschap is opgehouden te bestaan na haar fusie met V.S.K. Electronics NV) als pandgever en National Australia Bank Limited als pandhouder;
- i) de akte tot vestiging van een pand op de handelszaak verleden voor notaris Vincent Vroninks te Brussel op 28 augustus 2008 tussen V.S.K. Electronics NV als pandgever en National Australia Bank Limited als pandhouder; en
 - j) de akte tot vestiging van een pand op de handelszaak verleden voor notaris Vincent Vroninks te Brussel op 4 december 2009 tussen V.S.K. Electronics NV als pandgever en National Australia Bank Limited als pandhouder;
- samen de "Vrijgegeven Zekerheidsdocumenten".

EN OM HANDLICHTING TE VERLENEN van voormelde zakelijke zekerheidsrechten en in die mate in de relevante hypothekregisters.

De Security Trustee verklaart dat de grossen van de bovenvermelde akten niet geëindosseerd werden.

De Security Trustee verbindt zich ertoe om, voor zover als nodig, alle handelingen goed te keuren en te bevestigen, die de Notaris rechtmatig stelt of laat stellen op grond van deze instructiebrief.

De opdracht en de toelating aan de Notaris zoals gegeven in deze instructiebrief zijn geldig voor een periode die eindigt zes maanden na de datum van deze instructiebrief, waarna zij nietig zullen zijn.

Vermits uw erelonen en kosten met betrekking tot deze handliding, in overeenstemming met een Deed poll of release dd. [●] 2016 die werd aangegaan door onder andere National Australia Bank Limited (als Security Trustee en Senior Facility Agent) en Best Investments (Delaware) L.L.C. (als RPS Facility Agent), ten laste zijn van Xtralis Group Holdings Limited, vragen wij u zich exclusief tot Xtralis Group Holdings Limited te richten voor de betaling ervan.

Deze instructiebrief is onderworpen aan Belgisch recht.

Gedaan te [●], op [].

NATIONAL AUSTRALIA BANK LIMITED

By:

Name:

Title:



[Translation for information purposes]

INSTRUCTION LETTER

The undersigned:

NATIONAL AUSTRALIA BANK LIMITED, an Australian corporation with limited liability, legally registered at the competent registry of commerce under the number ABN 12 004 044 937, acting in own name and behalf as well as for the rights of other Beneficiaries (*Begunstigden*) (as defined in the Released Security Documents (as defined hereunder)) and this in its capacity of Security Trustee, at Level 25, 255 George Street, Sydney NSW 2000, Australia, (the "**Security Trustee**"),

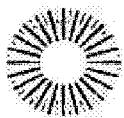
DELEGATES AND PROVIDES IRREVOCABLE PERMISSION TO:

Notary Public Master Vincent Vroninks (Vroninks & Ricker, Associated Notary Public) having his office at Kapitein Crespelstraat, 16, 1050 Brussels (the "**Notary Public**")

TO UNCONDITIONALLY RELEASE AND DE-REGISTER

the security interests and mandates deriving from:

- a) the deed establishing a mortgage executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 between V.S.K. Electronics NV as mortgagor and National Australia Bank Limited as mortgagee;
- b) the deed establishing a mortgage executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 between Télé-Technique-Générale SA as mortgagor and National Australia Bank Limited as mortgagee;
- c) the deed establishing a mortgage executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 between I.D.C.S. NV (which has ceased to exist after its merger with V.S.K. Electronics NV) as mortgagor and National Australia Bank Limited as mortgagee;
- d) the mortgage mandate executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 and granted by V.S.K. Electronics NV as grantor of the mandate to certain mandate holders;
- e) the mortgage mandate executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 and granted by Télé-Technique-Générale SA as grantor of the mandate to certain mandate holders;
- f) the mortgage mandate executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 and granted by I.D.C.S. NV (which has ceased to exist after the merger with V.S.K. Electronics NV) as grantor of the mandate to certain mandate holders;
- g) the deed establishing a pledge on business executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 between Télé-Technique-Générale SA as pledger and National Australia Bank Limited as pledgee;
- h) in so far as relevant, the deed establishing the pledge on business executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 between I.D.C.S. NV (which has ceased to exist after the merger with V.S.K. Electronics NV) as pledger and National Australia Bank Limited as pledgee;
- i) the deed establishing the pledge on business executed by Notary Public Master Vincent Vroninks in Brussels on 28 August 2008 between V.S.K. Electronics NV as pledger and National Australia Bank Limited as pledgee; and
- j) the deed establishing the pledge on business executed by Notary Public Master Vincent Vroninks in Brussels on 4 December 2009 between V.S.K. Electronics NV as pledger and National Australia Bank Limited as pledgee,



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Schedule 6 Form of release instruction (Belgian mortgages,
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jointly referred to as the "**Released Security Documents**".

AND TO DE-REGISTER the aforementioned security interests in the according registers of mortgages.

The Security Trustee declares that the certified true copies (*grossen*) of the the aforementioned deeds have not been endorsed.

The Security Trustee commits itself to, insofar as necessary, approve and confirm all legitimate acts of the Notary Public or as instructed by the Notary Public on the basis of this instruction letter.

The instruction and the permission of the Notary Public as set out by this instruction letter are valid for a term expiring six months counting as of the date of this instruction letter, whereby this letter will become void as of that date.

Considering that your fees and any costs in connection with such release, in accordance with the Deed poll of release dated [•] 2016 and entered into by amongst others, National Australia Bank Limited (as Security Trustee and Senior Facility Agent) and Best Investments (Delaware) L.L.C. (as RPS Facility Agent), are chargeable to Xtralis Group Holdings Limited, we request you to address Xtralis Group Holdings Limited exclusively for the payment hereof.

This instruction letter is subject to Belgian law.

Enacted in [•], on [].

NATIONAL AUSTRALIA BANK LIMITED

By:

.....

Name:

.....

Title:

.....



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FREEHILLS

Signing page

Executed as a deed poll

Security Trustee

Signed sealed and delivered for
National Australia Bank Limited
by its attorney

sign here ►

Attorney

print name

ANNIE TRUONG

in the presence of

sign here ►

Witness

print name

Kathryn Mitchell

Senior Facility Agent

Signed sealed and delivered for
National Australia Bank Limited
by its attorney

sign here ►

Attorney

print name

ANNIE TRUONG

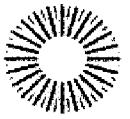
in the presence of

sign here ►

Witness

print name

Kathryn Mitchell



HERBERT
SMITH
FREEHILLS

RPS Facility Agent

Signed sealed and delivered for
Best Investments (Delaware) L.L.C.
by its authorised signatory

L.S.

sign here ►

Authorised signatory

print name

WILLIE WONG WAI-LAM

in the presence of

sign here ►

Witness

print name

WILSON WU

**Holdco 1**

Signed sealed and delivered for
Xtralis Group Holdings Limited
by its attorney

L.S.

sign here ►

Attorney

print name

MARK PLUMMER

in the presence of

sign here ►

Witness

print name

BERNICE EWING

print address

5/41 CARE ST, SYDNEY NSW 2034

Aus Holdco

Signed sealed and delivered for
Xtralis Holdings (Aust) Pty Ltd
by its attorney

sign here ►

Attorney

print name

MARK PLUMMER

in the presence of

sign here ►

Witness

print name

BERNICE EWING