

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Dyno Nobel Inc.		11/30/2005	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

Name:	National Australia Bank Limited, as Security Trustee
Street Address:	Level 25, NAB House
Internal Address:	255 George Street
City:	Sydney
State/Country:	AUSTRALIA
Postal Code:	NSW 2000
Entity Type:	COMPANY: AUSTRALIA

**PROPERTY NUMBERS Total: 53**

Property Type	Number	Word Mark
Registration Number:	1419938	BLASTEX
Registration Number:	1437236	UNIMAX
Registration Number:	1454140	IRECOAL
Registration Number:	1470604	IRESPLIT
Registration Number:	1467240	IREDET
Registration Number:	1558938	SEISPULSE
Registration Number:	1660748	POWERMITE
Registration Number:	1832706	BLASTGEL
Registration Number:	1890490	DYNOSEIS
Registration Number:	1886606	DYNOFLO
Registration Number:	1873763	DYNO
Registration Number:	1871249	SNAPLINE
Registration Number:	1878579	SNAPDET

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Registration Number:	2015388	DYNOSPLIT
Registration Number:	2059213	UNIDET
Registration Number:	2227314	DYNOLINE
Registration Number:	2383728	SEIS X
Registration Number:	2433376	DYNO GOLD
Serial Number:	78567709	DYNOMINER
Serial Number:	78598899	GROUNDBREAKING PERFORMANCE
Serial Number:	78598918	DYNOCONSULT
Registration Number:	1639676	GELAPRIME
Registration Number:	95099	RED H
Registration Number:	1639026	SURF-A-SEIS
Registration Number:	1725450	TAMPTITE
Registration Number:	1674155	TITAN
Registration Number:	964958	UNIGEL
Registration Number:	343615	VIBROGEL
Registration Number:	652935	DETACORD
Registration Number:	803318	DETAFLX
Registration Number:	2119575	DETPAK
Registration Number:	832361	E-CORD
Registration Number:	1546317	EZ DET
Registration Number:	1864244	EZ DRIFTER
Registration Number:	2804985	EZTL
Registration Number:	2195276	GEOSEIS
Registration Number:	2789140	LOW FLEX
Registration Number:	1497627	LVST
Registration Number:	2084810	OPTICORD
Registration Number:	2082318	OPTIMIZER
Registration Number:	2082316	OPTISLIDE
Registration Number:	2082315	OPTISURFACE
Registration Number:	2084809	OPTI-TL
Registration Number:	916577	PD CORD
Registration Number:	345773	PRIMACORD
Registration Number:	798703	PRIMADET
Registration Number:	2710941	PRIMAFUSE
Registration Number:	754868	PRIMALINE

Registration Number:	2111208	PRIMAPAK
Registration Number:	2722079	PRIMASHEAR
Registration Number:	1347633	STRIP MINE SPECIAL
Registration Number:	2971600	TWINPLEX
Registration Number:	1007846	IREMITE

**CORRESPONDENCE DATA**

Fax Number: (714)755-8290

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Email: ipdocket@lw.com

Correspondent Name: Latham & Watkins LLP

Address Line 1: 650 Town Center Drive

Address Line 2: Suite 2000

Address Line 4: Costa Mesa, CALIFORNIA 92626

ATTORNEY DOCKET NUMBER:

042116-0000

**DOMESTIC REPRESENTATIVE**

Name:

Address Line 1:

Address Line 2:

Address Line 3:

Address Line 4:

NAME OF SUBMITTER:

Rhonda DeLeon

Signature:

/Rhonda DeLeon/

Date:

12/05/2005

**Total Attachments: 8**

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*Execution Copy*

**COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT  
RELATING TO UNITED STATES TRADEMARKS AND PATENTS**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, **EACH OF THE UNDERSIGNED** (the "*Assignors*", and each, individually, a "*Assignor*"), hereby collaterally assigns and grants to **NATIONAL AUSTRALIA BANK LIMITED**, as Security Trustee for certain lenders, with principal offices at Level 25, NAB House, 255 George Street, Sydney NSW 2000, Australia (the "*Assignee*"), a security interest in (i) all of the Assignor's right, title and interest in and to the United States trademarks, trademark registrations and trademark applications (the "*Marks*") set forth on Schedule A attached hereto, (ii) all of the Assignor's right, title and interest in and to the United States patents and pending patent applications (the "*Patents*") set forth on Schedule B attached hereto, in each case together with (iii) all rights, benefits and privileges derived from, and all products, offspring, rents, issues, profits, returns, income and proceeds of and from, any and all of the Marks and Patents, (iv) the goodwill of the businesses with which the Marks are associated, and (v) all causes of action arising prior to or after the date hereof for infringement of any of the Marks and Patents or unfair competition regarding the same.

This collateral assignment and grant of security interest is made to secure the satisfactory performance and payment of all the Obligations of the Assignor, as such term is defined in the Security Agreement by and between the Assignor and certain Assignees, dated November 30, 2005 (as further amended, supplemented, modified or restated from time to time, the "*Security Agreement*"). Upon the satisfactory performance and payment in full of the Obligations, the Assignee shall, upon such satisfaction and payment, execute, acknowledge, and deliver to the Assignor an instrument in writing releasing the security interest in the Marks and Patents acquired under this Collateral Assignment and Security Interest.

This collateral assignment and grant of security interest has been made in conjunction with the security interest granted to the Assignee under the Security Agreement. The rights and remedies of the Assignee with respect to the security interest granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this agreement are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

NY1087296

**TRADEMARK  
REEL: 003204 FRAME: 0085**

IN WITNESS WHEREOF, the undersigned have executed this Collateral Assignment and Security Agreement as of the 30<sup>th</sup> day of November, 2005.

DYNO NOBEL INC., Assignor

By: RM Shee  
Name: Richard M. Shee  
Title: Vice President

~~NATIONAL AUSTRALIA BANK LIMITED,  
as Security Trustee, Assignee~~

~~By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_~~

**NATIONAL AUSTRALIA BANK LIMITED,**  
for itself and in its capacity as Security Trustee  
under the Security Trust Deed  
by its attorney in the  
presence of:

*SE*  
Witness

*BMA*  
Attorney

SIMONE EDWARDS  
Name (please print)

BIANCA MASEROW  
Name (please print)

**TRADEMARK**  
**REEL: 003204 FRAME: 0087**

Dyno Nobel Inc.

Patent Registrations

AUSTRALIA	2445298	102788	801882	011561	N-12/N-13
AUSTRALIA	2444788	102788	807819	120595	PHENOLIC EMULSIFIER
AUSTRALIA	4129693	091859	813706	120391	EMULSION METHOD
AUSTRALIA	4887690	012650	818242	050162	N-23
AUSTRALIA	6862051	010291	828444	012393	DELAY DETONATOR
AUSTRALIA	6709290	112880	829544	082492	LOW DENSITY PERMISSIBLE
AUSTRALIA	7297691	031831	841481	021594	GASSING SURFACTANT
AUSTRALIA	8242431	082691	862821	041294	STABILIZED EMULSION EXPLOSIVE
AUSTRALIA	3715493	042793	860362	111495	LOW DENSITY WATER GEL
AUSTRALIA	2828992	112162	858021	090795	AN-GEL PATENT
AUSTRALIA	1592705	020495	896867	010799	TRANSFER CONNECTOR
AUSTRALIA	4403496	011836	690398	050803	NOX FUME REDUCTION
AUSTRALIA	3490097	081807	711908	020300	PRESSURE VESSEL
AUSTRALIA	7020498	071698	721108	110802	SULFIDE DUST EXPLOSION SUPPRESSION
AUSTRALIA	7614098	071398	738763	011002	DYNOPRIME W/MICROBALLONS
AUSTRALIA	1213699	011809	739162	011702	HIGH DENSITY ANFO
AUSTRALIA	1878699	012009	739566	110301	CALCIUM GASSING
AUSTRALIA	5951800	092000	747571	082902	MELTABLE PUMP STATOR
AUSTRALIA	1546001	011801	761363	021804	OVERSIZED PNEUMATIC PUMP
AUSTRALIA	9148091	111801	750046	041703	SILICON POWDER
AUSTRALIA	3829092	063802	792702	050802	VARIABLE ENERGY EMULSION
AUSTRALIA	7021801	012601	835363	071403	DELAY TRAIN IGNITION
AUSTRALIA	70154191	012091	830271	021293	NON-ELECTRIC SIGNAL
AUSTRALIA	7284791	031291	835399	071293	LOW ENERGY BLASTING SYS
AUSTRALIA	2814392	100202	841266		DET CORO & BLASTING CAP CONNEC
AUSTRALIA	4035097	021099	718686	083100	FISSILE SHOCK TUBE
AUSTRALIA	4103096	101395	887599	112097	UNIV. ISOLATION MEMBER
AUSTRALIA	4104096	101395	887653	061198	ALTERNATIVE SIGNAL PATH
AUSTRALIA	6830994	072393	881151	121187	DETONATOR PACKAGING SYSTEM
AUSTRALIA	2424095		888517	070298	MOLDED ARTICLE W/INTTEGRAL MEMB
AUSTRALIA	6380398	050498	711222	010200	MOLDED ARTICLE W/INTTEGRAL MEMB
AUSTRALIA	3830495	091195	701061	050699	IMP. SIGNAL TRANSMISSION FUSE
AUSTRALIA	2929899	030395	878900	100297	SHOCK TUBE ASSEMBLY
AUSTRALIA	7165096	092408	702484	080399	CONNECTOR BLACKBLAST INITIAT
AUSTRALIA	7428996		708094	111199	CONNECTOR BLOCK W/DET LOCK
AUSTRALIA	1925997	091098	700973	040296	BOOSTER EXPLOSIVE DEVICES
AUSTRALIA	2243197	081098	700352	042298	SLIDER MEMBER FOR BOOSTER
AUSTRALIA	8033098	082598	746121	080102	SIGNAL TRANSMISSION FUSE
CANADA	482344	052485	1288876	050592	EMULSION PUMP TRUCK
CANADA	457462	062084	1243488	020598	HIGH STRENGTH SPHERES
CANADA	4841924	102085	1256309	062789	UPHOLE LOADING
CANADA	540871	062987	1273208	092890	COLD CASTING
CANADA	681887	110288	1328261	041294	N-12/N-13
CANADA	581586	110288	1311110	050493	PHENOLIC EMULSIFIER
CANADA	2309855	021390	2089855	021390	N-23
CANADA	2335126	010291	2096136	010291	DELAY DETONATOR
CANADA	2032239	121390	2032239	121390	LOW DENSITY PERMISSIBLE
CANADA	2038628	091991	2038628	091991	GASSING SURFACTANT
CANADA	2043395	052691	2043395	052691	EMULSION WITH LISA
CANADA	2052122	092491	2082122	092491	STABILIZED EMULSION EXPLOSIVE
CANADA	2075738	081192	2075738	081192	CO-EXTRUDED SHOCK TUBE
CANADA	2086295	040393	2086295	040393	LOW DENSITY WATER GEL
CANADA	2082682	111292	2082682	111292	AN-GEL PATENT
CANADA	2186499	010396	2186499	010396	NOX FUME REDUCTION
CANADA	2287252	081897	2287252	081897	PRESSURE VESSEL
CANADA	2240155	070998	2240155	070998	SULFIDE DUST EXPLOSION SUPPRESSION
CANADA	2278375	062899	2278375	062899	IN SITU EXPANSION METHOD
CANADA	2322303	100400	2322303	100400	MELTABLE PUMP STATOR
CANADA	2332282	010291	2332282	010291	OVERSIZED PNEUMATIC PUMP
CANADA	683387	111098	1380882	051992	ANFO WITH EMULSION BINDER
CANADA	477689	032785	1251647	032889	LOW DETONATION VELOCITY EXPLOSIVE
CANADA	2035075	012891	2035075	091995	DELAY TRAIN IGNITION
CANADA	2033392	010891	2033392	050796	NON-ELECTRIC SIGNAL
CANADA	2037589	030591	2037589	090694	LOW ENERGY BLASTING SYS
CANADA	2038785	032191	2038785	032696	CUSHION ELEMENT DETONATOR
CANADA	2078701	092492	2078701	060496	DET CORO & BLASTING CAP CONNEC
CANADA	2258612	070787	2258612	050782	FISSILE SHOCK TUBE
CANADA	2203146	101395	2203146	113099	UNIV. ISOLATION MEMBER
CANADA	2203147	101395	2203147	111100	ALTERNATIVE SIGNAL PATH
CANADA	2242244	120396	2242244	052300	CONNECTOR BLAST INITIATION SYS
CANADA	2187199	051094	2187199	072500	DETONATOR PACKAGING SYSTEM
CANADA	2188776	051895	2188776	020100	MOLDED ARTICLE W/INTTEGRAL MEMB
CANADA	2209554	081195	2209554	080100	IMP. SIGNAL TRANSMISSION FUSE
CANADA	2188971	030395	2188971	080499	SHOCK TUBE ASSEMBLY
CANADA	2242247	120396	2242247	111400	TRANSFER OF INITIATION SIGNALS
CANADA	2242237	121696	2242237	112781	DETONATORS W/MULT. LINE INPUT
CANADA	2233080	090496	2233080	111381	CONNECTOR BLOCK/BLAST INITIAT
CANADA	2233088	032698	2233088	051600	CONNECTOR BLOCK W/DET LOCK
CANADA	2242159	010397	2242159	101601	BOOSTER EXPLOSIVE DEVICES

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CANADA	2242629	01/03/97	2242629	10/31/00	SLIDER MEMBER FOR BOOSTER
CANADA	2242630	12/23/96	2242630	10/24/00	SLIDER CONNECTOR FOR BLAST
CANADA	2201518	02/24/00	2201518	11/10/04	SIGNAL TRANSMISSION FUSE
CANADA	500353	10/17/88	1320932	08/03/93	SYS & METH FOR PKING DET CORD
CANADA		04/20/04			ENERGETIC LINEAR TIMING ELEMENT
NEW ZEALAND	280780	01/04/96	280780	11/11/97	NOX FLUME REDUCTION
NEW ZEALAND	333331	12/14/98	333331	09/07/00	PRESSURE VESSEL
NEW ZEALAND	330838	07/10/98	330838	03/03/00	DYNOPRIME W/MCROBALLLOONS
NEW ZEALAND	333912	01/26/99	333912	11/12/99	CALCIUM GASSING
NEW ZEALAND	509316	09/12/00	509316	07/12/01	MELTABLE PUMP STATOR
UNITED STATES	875467	06/18/86	4,678,524	07/07/87	COLD CASTING
UNITED STATES	07129,096	12/03/97	4,620,361	04/11/99	N-121-13
UNITED STATES	257,813	10/14/88	4,867,920	09/18/89	EMULSION METHOD
UNITED STATES	318,768	03/03/89	4,331,110	06/05/90	N-23
UNITED STATES	758,113	06/06/91	5,182,417	01/26/93	DELAY DETONATOR
UNITED STATES	457,085	12/26/89	3,017,251	05/21/91	LOW DENSITY PERMISSIBLE
UNITED STATES	446,058	03/20/90	4,960,815	10/02/90	GASSING SURFACTANT
UNITED STATES	851,114	03/16/92	5,158,153	10/27/92	EMULSION WITH UREA
UNITED STATES	815,289	11/19/90	5,078,887	12/31/91	STABILIZED EMULSION EXPLOSIVE
UNITED STATES	07682,372	10/06/92	5,142,344	05/18/93	CO-EXTRUDED SHOCK TUBE
UNITED STATES	171,843	12/22/93	5,430,887	02/13/98	LOW DENSITY WATER GEL
UNITED STATES	200,819	02/22/94	5,665,935	09/09/97	AN-GEL PATENT
UNITED STATES	201,341	02/22/94	5,670,144	09/23/97	AN-GEL PATENT
UNITED STATES	08425,859	04/20/95	5,584,196	01/14/97	SURFACE CONNECTOR
UNITED STATES	08222,076	04/01/94	5,423,283	05/13/95	TRANSFER CONNECTOR
UNITED STATES	08272,411	07/15/94	4,454,891	10/13/95	CO-MIXTURE IN THE WEDGE
UNITED STATES	08381,500	01/31/95	5,608,185	03/04/97	NOX FLUME REDUCTION
UNITED STATES	08665,863	05/19/96	5,686,685	11/11/97	PRESSURE VESSEL
UNITED STATES	08892,823	07/24/97	5,927,119	05/20/99	SILF DUST EXPLOSION SUPPRESSION
UNITED STATES	08892,127	07/14/97	5,850,399	03/03/99	DYNOPRIME W/MCROBALLLOONS
UNITED STATES	08472,892	12/28/99	6,161,781	07/13/04	HIGH DENSITY ANFO
UNITED STATES	09021,484	02/10/98	6,024,428	02/03/00	CALCIUM GASSING
UNITED STATES	08412,213	07/09/98	6,113,715	05/05/00	IN SITU EXPANSION METHOD
UNITED STATES	09433,208	11/03/99	6,250,638	04/24/01	MELTABLE PUMP STATOR
UNITED STATES	08505,841	02/17/00	6,451,588	06/11/02	OVERSIZED PNEUMATIC PUMP
UNITED STATES	08717,271	11/22/00	6,339,870	04/01/03	SILICON POWDER
UNITED STATES	10133,579	04/29/02	6,202,609	03/03/04	HIGH ENERGY EMULSION
UNITED STATES	10252,171	06/23/02	6,808,573	10/28/04	ANIMAL GELS
UNITED STATES	09851,488	04/14/08	4,884,729	05/12/87	INDEPENDENT CO. PATENT
UNITED STATES	07294,370	06/02/88	4,875,560	10/24/89	EXPLOSIVES W/IMPREGNATED VEGETABLE PROTEIN
UNITED STATES	07271,715	11/16/88	4,857,569	06/18/90	BINDING ADDITIVE FOR EXPLOSIVE COMPOSITIONS
UNITED STATES	08118,576	09/03/93	3,598,811	03/21/95	LOW ENERGY BLASTING SYS
UNITED STATES	08189,925	08/18/88	4,771,854	09/20/88	BLASTING SIG TRANS TUBE CONNEC
UNITED STATES	06914,785	10/03/86	4,742,773	05/10/88	BLASTING SIG TRANS DELAY UNIT
UNITED STATES	07476,526	02/07/90	5,001,538	07/16/91	DELAY TRAIN IGNITION
UNITED STATES	07511,077	04/19/90	5,091,163	04/23/91	NON-ELECTRIC SIGNAL
UNITED STATES	07609,993	11/05/90	5,171,935	12/15/92	LOW ENERGY BLASTING SYS
UNITED STATES	08118,576	09/03/93	3,598,811	03/21/95	LOW ENERGY BLASTING SYS
UNITED STATES	08207,993	01/20/95	5,623,218	06/24/96	CUSTOM ELEMENT DETONATOR
UNITED STATES	07851,045	03/13/92	5,193,228	03/09/93	DET CORD & BLASTING CAP CONNEC
UNITED STATES	08378,108	07/11/96	4,827,994	10/27/98	FUSIBLE SHOCK TUBE
UNITED STATES	08609,224	02/23/95	5,651,440	05/20/97	UNIV. ISOLATION MEMBER
UNITED STATES	08327,204	10/21/94	4,801,151	03/26/96	ALTERNATIVE SIGNAL PATH
UNITED STATES	08379,003	01/18/96	5,703,020	12/29/97	CONNECTOR BLAST INITIATION SYS
UNITED STATES	08069,905	07/23/93	4,844,152	02/27/96	DETONATOR PACKAGING SYSTEM
UNITED STATES	08249,222	05/28/94	3,498,951	03/13/96	MOLDED ARTICLE W/INTEGRAL MEMB
UNITED STATES	08390,935	01/20/95	5,927,973	01/28/97	IMP. SIGNAL TRANSMISSION FUSE
UNITED STATES	08212,200	03/11/94	5,413,046	05/09/95	SHOCK TUBE ASSEMBLY
UNITED STATES	08178,960	01/06/97	5,298,881	08/17/99	MFG AN EXPLOSIVE CARRIER
UNITED STATES	08246,813	01/11/99	5,792,228	01/13/98	TRANSFERS OF INITIATION SIGNALS
UNITED STATES	08581,615	11/21/95	5,837,924	11/17/98	SIGNAL TRANSMISSION TUBE
UNITED STATES	08498,135	07/11/96	5,747,722	05/05/98	DETONATORS W/MUL. LINE INPUT
UNITED STATES	08446,160	10/27/95	5,703,319	12/28/97	CONNECTOR BLOCK BLAST INITIAT
UNITED STATES	08548,950	10/26/95	5,782,975	08/11/98	CONNECTOR BLOCK W/DET LOCK
UNITED STATES	08548,914	01/11/96	5,780,754	07/14/98	BOOSTER EXPLOSIVE DEVICES
UNITED STATES	08548,912	01/11/96	5,614,953	02/25/97	ACCESSORY CHARGES
UNITED STATES	08575,244	01/16/96	5,661,256	08/26/97	SLIDER MEMBER FOR BOOSTER
UNITED STATES	08575,204	01/16/96	5,659,449	08/18/97	SLIDER CONNECTOR FOR BLAST
UNITED STATES	08520,916	08/29/97	6,170,958	01/09/01	SIGNAL TRANSMISSION FUSE
UNITED STATES	08627,830	07/23/90	4,547,956	02/18/92	METHOD OF MAKING SIGNAL TRANS
UNITED STATES	08728,173	10/25/98	5,714,172	02/03/98	HIGH EXPLOSIVE INITIATION
UNITED STATES	08488,225	01/18/00	6,508,176	01/21/03	ACCUMULATED DET CORD CHARGE
UNITED STATES	10315,455	12/10/02	6,880,465	04/18/05	ACCUMULATED DET CORD CHARGE
UNITED STATES	09464,676	08/24/02	6,894,816	02/24/04	RIGID REACTIVE CORD

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**Dyno Nobel Inc.**

**Pending Patent Applications and Provisional Patents**

COUNTRY	APP. NO.	FILED	DESCRIPTION
AUSTRALIA	2002300621	08/16/02	MELTABLE PUMP STATOR
AUSTRALIA	2003344555	09/03/03	PHENOLIC EMULSIFIER
AUSTRALIA	2002257202	10/23/03	NON-ELECTRIC DETONATOR
AUSTRALIA	2004256393	04/30/04	ENERGETIC LINEAR TIMING ELEMENT
AUSTRALIA	2004257199	04/30/04	SHOCK TUBE WIRE REACTIVE COATING
CANADA	2,240,617	07/09/98	DYNOPRIME WAMPOR BALLOONS
CANADA	2,257,491	01/15/99	HIGH DENSITY ANFO
CANADA	2,259,015	01/28/99	CALCIUM CASSING
CANADA	2,363,212	11/19/01	SILICON POWDER
CANADA	2,386,345	05/14/02	VARIABLE ENERGY EMULSION
CANADA	2,424,485	04/04/03	HIGH ENERGY EMULSION
CANADA	2,437,954	08/20/03	ANIMAL OILS
CANADA	2352280	07/18/01	ACCUMULATED DET CORD CHARGE
CANADA	2316899	09/25/00	RIGID REACTIVE CORD
CANADA	2410465	05/23/01	DETONATING CORD & METHODS
UNITED STATES	60/894,339	05/25/01	VARIABLE ENERGY EMULSION
UNITED STATES	10/444,389	05/23/03	SAFE ELECTRICAL INITIATION PLUGS
UNITED STATES	60/484,723	07/02/03	BLAST HOLE LINER
UNITED STATES		10/20/03	ENERGETIC LINEAR TIMING ELEMENT
UNITED STATES		10/20/03	SHOCK TUBE WIRE REACTIVE COATING
UNITED STATES	60/850,782	02/08/05	DELAY UNIT & METHOD OF MAKING
UNITED STATES	60/713,233	09/01/05	DELAY UNIT & METHOD OF MAKING
UNITED STATES	10/476042	10/20/03	NON-ELECTRIC DETONATOR
UNITED STATES	09/803785	05/23/01	DETONATING CORD & METHODS

Dyno Nobel Inc.

Trademark Registrations and Applications

COUNTRY	CLASSIFICATION	REGISTRATION #	APPLICATION DATE	REGISTRATION DATE
AUSTRALIA	DYNOCONSULT			
AUSTRALIA	POWERMITE	644,433	10/28/94	03/06/96
AUSTRALIA	POWERMITE ADVANCE	884,034	07/27/01	03/08/02
AUSTRALIA	DETACORD			
AUSTRALIA	OPTIMIZER	888,060	06/31/01	04/18/02
AUSTRALIA	PRIMACORD			
AUSTRALIA	PRIMADET	203654	07/20/96	07/20/96
AUSTRALIA	PRIMALINE	400,888	12/07/83	06/12/86
AUSTRALIA	TWINFLEX	856,783	11/27/02	
CANADA	GROUND BREAKING	1,262,592	06/15/05	
CANADA	DYNOCONSULT	1,372,391	06/15/05	
CANADA	GELAMITE	0443526	08/22/79	05/02/80
CANADA	GELPOWER	0443527	08/22/79	05/09/80
CANADA	UNIGEL	0443532	08/22/79	05/09/80
CANADA	VIBRODET	0458578	07/23/89	01/30/91
CANADA	VIBROGEL	0458576	07/23/89	01/30/91
CANADA	NUMEX	744,251	12/28/83	01/20/86
CANADA	CORDEAU-BLOCKFORD			
CANADA	E-CORD	293,970	12/23/85	04/28/88
CANADA	EZ DET			
CANADA	EZ DRIFTER	718747	12/16/92	03/01/91
CANADA	EZL	1,169,885	03/04/03	08/17/04
CANADA	LVST	645,345	11/21/89	04/10/92
CANADA	OPTIMIZER	1,316,719	09/28/01	
CANADA	PRIMACORD	1,166,566	01/30/03	
CANADA	PRIMACORD	172027	11/02/37	11/02/37
CANADA	PRIMADET	286321	10/06/92	06/06/97
CANADA	PRIMALINE	1,136,904	04/04/02	11/27/03
CANADA	PRIMALINE	170438504	11/21/89	03/20/92
CANADA	PRIMASPEAR	1,115,862	09/18/01	
CANADA	STRIP-MINE SPECIAL	645,278	11/21/89	04/10/92
CANADA	SWORD	645,278	11/21/89	04/10/92
CANADA	TWINFLEX	1,350,008	11/27/02	
UNITED STATES	BLASTEX	73597,347	05/07/86	1,415,938 12/09/96
UNITED STATES	UNIMAX	73905,242	06/28/86	1,437,228 04/21/87
UNITED STATES	IRECOAL	73943,442	02/06/87	1,454,140 08/22/87
UNITED STATES	IRESPILT	73858,473	05/07/87	1,470,604 12/29/87
UNITED STATES	IREDET	73659,474	05/07/87	1,467,240 12/01/87
UNITED STATES	SEIS PULSE	73778,834	02/06/89	1,538,938 10/03/89
UNITED STATES	POWERMITE	74118491	11/15/99	1,660,748 10/16/01
UNITED STATES	BLASTOR	74297768	05/04/03	1,852,708 04/28/04
UNITED STATES	DYNOSIS	74377270	04/09/03	1,890,490 04/18/06
UNITED STATES	DYNOFLO	74385705	05/03/03	1,886,606 03/26/05
UNITED STATES	DYNO	74480170	02/15/94	1,873,783 01/17/96
UNITED STATES	SNAPLINE	74482757	02/22/94	1,871,249 01/03/96
UNITED STATES	SNAPDET	74498153	03/11/94	1,871,979 09/14/96
UNITED STATES	DYNOSPLIT	75016040	11/06/95	2,015,388 11/12/96
UNITED STATES	UNIDET	75102566	05/10/96	2,059,213 05/06/97
UNITED STATES	DYNOLINE	75201278	06/02/97	2,227,314 03/02/99
UNITED STATES	SEIS X	76427288	02/20/98	2,383,728 09/05/00
UNITED STATES	DYNO GOLD	75961712	01/21/00	2,433,378 03/06/01
UNITED STATES	DYNO MINER	76567709	02/15/05	
UNITED STATES	GROUND BREAKING	78598899	03/31/05	
UNITED STATES	DYNOCONSULT	78598916	03/31/05	
UNITED STATES	GELAPRIME	74048659	04/13/00	1,639,676 04/02/01
UNITED STATES	RED H	71071167	06/19/13	85,099 02/13/14
UNITED STATES	SURF-A-SEIS	74048658	04/13/00	1,639,028 03/25/01
UNITED STATES	TAMPITTE	74251104	03/02/92	1,725,450 10/20/92
UNITED STATES	TITAN	74115719	11/15/90	1,674,155 02/04/92
UNITED STATES	UNIGEL	72430205	07/18/72	964,968 07/31/73
UNITED STATES	VIBROGEL	71385122	11/04/36	343,615 02/23/37
UNITED STATES	DETACORD	72022,061	01/03/57	652,885 10/15/57
UNITED STATES	DETAFLEX	72216,392	04/13/65	803,318 02/06/66
UNITED STATES	DETPAK	75196,812	11/12/96	2,119,575 12/09/97
UNITED STATES	E-CORD	72211,888	02/12/65	832,361 07/25/67
UNITED STATES	EZ DET	73783,071	11/10/88	1,546,317 07/04/89
UNITED STATES	EZ DRIFTER	74380,499	04/19/93	1,864,244 11/22/94
UNITED STATES	EZL	78217,317	02/21/03	2,804,365 01/13/04
UNITED STATES	GEOSIS	75217,181	06/09/97	2,195,276 10/13/98
UNITED STATES	LOW FLEX	76077,812	01/12/01	2,789,140 12/02/03
UNITED STATES	LVST	73662,846	07/29/86	1,497,627 07/26/88

TRADEMARK  
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SEQUENCE	TRADE MARK / PRODUCT	REGISTRATION #	REGISTRATION DATE	REGISTRATION #	REGISTRATION DATE
UNITED STATES	OPTICORD	75027 457	12/04/06	2,084,810	07/22/97
UNITED STATES	OPTIMIZER	75027 456	12/04/06	2,082,318	07/22/97
UNITED STATES	OPTISLIDE	75027 454	12/04/06	2,082,316	07/22/97
UNITED STATES	OPTISURFACE	75027 453	12/04/06	2,082,315	07/22/97
UNITED STATES	OPTI-TL	75027 452	12/04/06	2,084,809	07/22/97
UNITED STATES	PD CORD	72325 023	04/21/89	916,577	07/20/71
UNITED STATES	PRIMACORD	71387 241	12/29/86	345,773	05/04/57
UNITED STATES	PRIMADET	72202 887	08/30/84	798,703	11/16/85
UNITED STATES	PRIMAFUSE	76370 891	02/14/02	2,710,941	04/28/03
UNITED STATES	PRIMALINE	72155 789	10/24/82	754,888	06/20/83
UNITED STATES	PRIMAPAK	75027 499	12/04/06	2,111,208	11/04/97
UNITED STATES	PRIMASHEAR	76193 295	01/09/01	2,722,079	06/03/03
UNITED STATES	STRIP MINE SPECIAL	73493 343	08/09/86	1,347,833	07/08/85
UNITED STATES	TWINPLEX	76461 673	10/25/02	2,971,600	07/19/05
UNITED STATES	HEMTE	73003 997	10/18/73	1007846	4/17/75

RECORDED: 12/05/2005

TRADEMARK  
REEL: 003204 FRAME: 0092