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1. Name of conveying party(ies)Impulse Dynamics N.V.
Werfstraat 6, Curacao
Netherlands Antilles**2. Name and address of receiving party(ies)**Name: Bank Hapoalim B.M.Internal Address: Sector of Industry
and AuthoritiesAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) June 27, 2007

- ☐ Assignment ☐ Merger
☒ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: 23 Menachem Begin RoadCity: Tel-Aviv

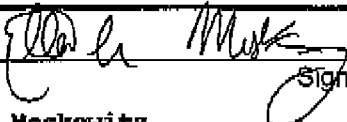
State: _____

Country: Israel

Zip: _____

Attn: Advocate Yoram Seidmann/Corp. DivisionAdditional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.**A. Patent Application No.(s)**09/416,765; 09/431,906; 09/501,562;
09/605,725; 09/628,902; 09/661,110;
09/713,538; 09/720,639; 09/776,632;
09/831,101**B. Patent No.(s)**6,152,882; 6,223,072; 6,233,484;
6,233,487; 6,236,887; 6,254,610;
6,263,242; 6,285,906; 6,292,693;
6,292,704Additional numbers attached? ☒ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Ellen Moskowitz, Esq.Internal Address: c/o Ropes & Gray LLPStreet Address: One International PlaceCity: BostonState: MA Zip: 02110Phone Number: (617) 951-7108Fax Number: (617) 951-7050Email Address: ellen.moskowitz@ropesgray.com**6. Total number of applications and patents involved:** 82**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 3,280.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 061075Authorized User Name Ropes & Gray LLP**9. Signature:**

Signature

8/29/07

Date

Ellen L. Moskowitz

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Conveying Party: Impulse Dynamics N.V.

Receiving Party: Bank Hapoalim B.M.

CONTINUATION OF ITEM NO. 4

Patent Application Nos.:	Patent Nos.:
09/848,535	6,298,268
09/849,637	6,304,777
09/955,463	6,317,631
09/980,748	6,330,476
10/039,845	6,335,538
10/111,512	6,348,045
10/116,201	6,360,123
10/549,216	6,360,126
11/673,812	6,363,279
60/026,392	6,370,430
60/107,479	6,415,178
60/135,864	6,424,866
60/136,092	6,442,424
60/137,553	6,459,928
60/157,511	6,463,324
60/161,899	6,480,737
60/161,900	6,522,904
60/173,422	6,529,778
60/181,244	6,587,721
60/198,023	6,597,952
60/200,727	6,602,183
60,202,382	6,662,055
60/203,092	6,675,043
60/204,173	6,725,093
60/453,349	6,973,347
60/503,075	6,993,385
	7,027,863
	7,062,318
	7,092,753
	7,167,748
	7,171,263
	7,187,970
	7,190,997
	7,195,637
	7,218,963

MEMORANDUM OF PATENT SECURITY INTEREST

This Memorandum is dated as of June 27, 2007 between Impulse Dynamics N.V., a Netherlands Antilles corporation (the "Patent Owner"), having its principal office at Werfstraat 6, Curacao, Netherlands Antilles, and Bank Hapoalim B.M. (the "Secured Party"), having its principal office at Sector of Industry and Authorities, 25 Menachem Begin Road, Tel Aviv, Israel, parties to the Consent and Subordination Agreement of even date herewith (the "Subordination Agreement"), between the Patent Owner and the Secured Party.

1. Pursuant to the Subordination Agreement, the Patent Owner has granted to the Secured Party a security interest in certain Patented works listed in Schedule I attached hereto and made a part hereof, registered in the name of the Patent Owner, including the titles thereto (collectively, the "Patent Collateral").
2. The Patent Owner is the exclusive owner of all Patent rights in the Patent Collateral, including all rights to prosecute for unconsumed use and infringement thereof and any rights of renewal and extension of Patent. The Patent Owner has the capacity to grant to the Secured Party the security interests granted under Paragraph (C) (1) of the Subordination Agreement.

The Patent Owner and the Secured Party have executed this Memorandum effective as of the date first above written.

IMPULSE DYNAMICS N.V.

By

Name:

Title:

ANTONY OWENS

MANAGING DIRECTOR

3413735_1

Schedule 1
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Impulse Dynamics (Mettler) • Patent Applications (patent 01-2005)

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30 complete profiles (2)

Impulse Dynamics - Merocore - Patent Applications (REVISED 01-2006)

Inv#	Title	Country	Application No.	Filing Date (F/yr)	Patent No.	Priority Date	Status	Assigned?	Forwarded to Agency
50	Cardiac Output Enhanced Pacemaker	US	02054,345	9-Jul-97	6,483,326	9-Oct-02	Issued	10	no
51	Cardiac Output Enhanced Pacemaker	Europe	97308481.5	9-Jul-97			pending	10	no
52	Cardiac Output Enhanced Pacemaker	Japan	02-52662	9-Jul-97			pending	10	no
53	Cardiac Output Enhanced Pacemaker	Israel	120450	9-Jul-97			pending	10	no
54	Multi-Electrode Lead	Israel	102005	5-Nov-98			pending	10	yes
55	Multi-Electrode Lead	US	09043,037	5-Nov-98			pending	10	yes
56	Multi-Electrode Lead	Israel	11-142367	5-Nov-98			pending	10	yes
57	Pacing with Hemodynamic Enhancement	Israel	1120424	20-Jul-99			pending	10	no
58	Pacing with Hemodynamic Enhancement	Israel	1140490	19-Jul-99			pending	10	no
59	Pacing with Hemodynamic Enhancement	China	95600799.0	18-Jul-99	21,100,007,933.0	15-Jul-05	Issued	10	no
60	Pacing with Hemodynamic Enhancement	US	08779,829	18-Jul-99			pending	10	no
61	Pacing with Hemodynamic Enhancement	Japan	2000-340093	18-Jul-99			pending	10	no
62	Pacing with Hemodynamic Enhancement	Europe	00001405.4	18-Jul-99			pending	10	no
63	Pacing with Hemodynamic Enhancement	Canada	2,338,201	28-Jul-99			pending	10	no
64	Contractility Enhancement using Electrical Tissue Control and Electrical Pacing	US	00204,708	12-May-00	6,272,283	18-Sep-01	Issued	10	no
65	Contractility Enhancement using Electrical Tissue Control and Electrical Pacing	US	004855,445	10-May-01			pending	10	no
66	Contractility Enhancement using Electrical Tissue Control and Electrical Pacing	Europe	00910332.1	6-Apr-00			pending	10	no
67	Contractility Enhancement using Electrical Tissue Control and Electrical Pacing	Israel	127925	5-May-99			pending	10	no
68	Contractility Enhancement using Electrical Tissue Control and Electrical Pacing	US	004851,285	4-May-00	6,272,283	18-Sep-01	Issued	10	no
69	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	US	01901,359	4-Nov-00	6,725,065	20-Apr-04	Issued	10	no
70	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	Israel	127903	10-May-00	127903	15-Dec-05	Issued	10	no
71	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	US	014002,169	4-Nov-00			pending	10	no
72	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	Israel	127927	20-Mar-00	127927	30-Dec-04	Issued	10	no
73	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	US	00401,282	4-Apr-00	6,667,721	3-Jul-03	Issued	10	no
74	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	US	004023,007	24-May-00	6,442,824	27-Aug-02	Issued	10	yes
75	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	Europe	00017746.7	24-May-00			pending	10	yes
76	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	US	004023,041	24-May-00	6,308,777	18-Oct-01	Issued	10	yes
77	Regulation of Electrical Tissue Control of the Heart using an Electrical Lead	Europe	00047823.3	23-May-00			pending	10	yes
78	Multiple Contractile Assist Device	US	002023,582	26-May-00	6,280,346	4-Sep-01	Issued	10	yes
79	Multiple Contractile Assist Device	Europe	00013708.6	26-May-00			pending	10	yes
80	MULTI-ELECTRODE INTERMEDIATE LEAD	Israel	00013817.9	17-Dec-00	001013303	27-Mar-02	Issued, with amended claims	10	yes
81	MULTI-ELECTRODE INTERMEDIATE LEAD	US	00004,239	17-Dec-00	6,062,186	9-Dec-03	Issued	10	yes
82	MULTI-ELECTRODE INTERMEDIATE LEAD	Italy	00004307.9	17-Dec-00	1,013,303	27-Mar-03	Issued	10	yes
83	MULTI-ELECTRODE INTERMEDIATE LEAD	Germany	00001002.6	17-Dec-00	00001000.6	27-Mar-02	Issued	10	yes
84	MULTI-ELECTRODE INTERMEDIATE LEAD	Japan	11-201205	17-Dec-00			pending	10	yes
85	Device System for Heart Failure Treatment	US	00220,488	20-Mar-00	6,022,804	19-Feb-03	Issued	10	yes
86	Method and Device for Diagnosis and Treatment of Heart Failure	US	00217,598	24-May-00	6,254,810	24-Jul-01	Issued	10	yes
87	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	00227,267	24-May-00	6,182,852	28-Mar-02	Issued	10	yes
88	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	00235,276	24-May-00	6,362,128	19-Jul-03	Issued	10	no
89	Apparatus and Method for Diagnosis and Treatment of Heart Failure	Europe	00063614.0	15-Jul-00			pending	10	no
90	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004725,005	5-Jun-00	6,223,072	24-Apr-01	Issued	10	no
91	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004725,005	5-Jun-00	6,458,828	1-Oct-03	Issued	10	no
92	Apparatus and Method for Diagnosis and Treatment of Heart Failure	Europe	00023757.2	20-May-00			pending	10	no
93	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004731,648	5-Jun-00	6,458,828	14-May-01	Issued	10	no
94	Apparatus and Method for Diagnosis and Treatment of Heart Failure	Europe	00030018.3	4-Jun-00			pending	10	no
95	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004742,347	6-Jun-00	6,537,852	22-Jul-03	Issued	10	no
96	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004842,208	28-Jul-00	6,582,122	26-Mar-02	Issued	10	yes
97	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004842,208	28-Jul-00	6,582,122	26-Mar-02	Issued	10	yes
98	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004842,208	28-Jul-00	6,582,122	26-Mar-02	Issued	10	yes
99	Apparatus and Method for Diagnosis and Treatment of Heart Failure	US	004842,208	28-Jul-00	6,582,122	26-Mar-02	Issued	10	yes

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10 complete profiles (7)

Impulse Dynamics Neurocare - Patent Applications (Status 01-2006)

Pat. No.	Title	Category	Applicant No.	Filed Date	Patent No.	Patent Date	Status	Assessment	Approved Date
90	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	Europe	02007011.2	1-Mar-00			Pending	NO	NO
91	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	US	09/072,482	25-Mar-02	6,370,630	8-Apr-02	Issued	NO	NO
92	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	Europe	01029028.0	15-May-01	EP1284788	27-Jun-02	Issued, EPC	NO	NO
93	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	Canada	01000066.0	10-May-01	EP1284788	27-Jun-02	Issued	NO	NO
94	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	France	01029028.0	15-May-01	EP1284788	27-Jun-02	Issued	NO	NO
95	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	Italy	01029028.0	15-May-01	EP1284788	27-Jun-02	Issued	NO	NO
96	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	Germany	01000066.0	10-May-01	EP 1284788	27-Jun-02	Issued	NO	NO
97	Apparatus & Method for Treating the Delivery of Low-Dose ETC Signals to a Heart	Spain	01029028.0	15-May-01	EP1284788	27-Jun-02	Issued	NO	NO
98	Stochastic Oscillation	US	09/080,748	25-May-00			Pending	NO	NO
99	High Capacitance Myocardial Electrode	US	09/084,334	27-May-00	6,258,704	18-Sep-01	Issued	NO	NO
100	High Capacitance Myocardial Leads	Europe	09087702.4	25-May-00			Pending	NO	NO
101	Drug Delivery Device	US	09/080,800	4-Jun-00	7,100,937	13-May-02	Issued	NO	NO
102	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
103	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
104	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
105	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
106	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
107	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
108	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
109	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
110	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
111	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
112	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
113	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
114	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
115	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
116	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
117	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
118	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
119	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
120	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
121	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
122	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
123	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
124	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
125	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
126	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
127	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
128	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
129	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
130	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
131	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
132	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
133	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
134	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
135	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
136	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
137	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
138	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
139	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
140	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
141	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO
142	Drug Delivery Device	US	10/048,803	13-Dec-01	7,171,269	30-Jun-02	Issued	NO	NO