Peter J. Phillips

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the

receipt of which is hereby acknowledged, I, the undersigned,

Rajmund L. Somorjai, residing at 146 Grange Street Headingley Manitoba Canada R4H 1A8

Hereby sell, assign and transfer to National Research Council of Canada having a place of

business at 1200 Montreal Road, Ottawa, Ontario, Canada KIA OR6, its successors, assigns and

legal representatives, their entire right, title and interest for all countries, in and to any and all

inventions which are disclosed and claimed, and any and all inventions which are disclosed but not

claimed, in the application for United States Patent, entitled

SYSTEM AND METHOD FOR DETECTING PAIN AND ITS

COMPONENTS USING MAGNETIC RESONANCE SPECTROSCOPY

which application was filed on May 12, 2004 and assigned Serial No. 10/844,297, and in and to said

application and all divisional, continuing, substitute, renewal, reissue, and all other applications for

U.S. Letters Patent or other related property rights in any and all foreign countries which have been

or shall be filed on any of said inventions disclosed in said application; and in and to all original and

reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said

Assignee, the entity above named, its successors, assigns and legal representatives, in accordance with

this assignment, any and all United States Letters Patent on said inventions or any of them disclosed

in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any

other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters

Patent or other rights, the priority of the aforesaid United States patent application under the

provisions of the International Convention of 1883 and later modifications thereof, under the Patent

PATENT

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Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rajmund L. Somorjai

Date: September 3, Zex 9

Witness: Doug St

Date: September 3 td 164

Witness: BRAM RAMJIAWAN

Stampanen

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