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(71) Applicant (for all designated States except US): **PHAR-
MACIA CORPORATION** [US/US]; Global Patent
Department, 700 Chesterfield Parkway West, Chesterfield,
Missouri 63017-1732 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **STEPHENSON, Di-
ane, T.** [US/US]; 1527 North Road, Groton, CT 06340
(US).

(74) Agents: **PETRILLO, Kathleen, M.** et al.; Senniger Pow-
ers, #1 Metropolitan Square, 16th Floor, St. Louis, MO
63102 (US).

(81) Designated States (unless otherwise indicated, for every
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MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM,
ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,
SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,
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ning of each regular issue of the PCT Gazette.

(54) Title: COX-2 INHIBITOR AND SEROTONIN MODULATOR FOR TREATING CNS DAMAGE

(57) Abstract: The present invention provides compositions and methods for the treatment of central nervous system damage in a subject. More particularly, the invention provides a combination therapy for the treatment of a central nervous system ischemic condition or a central nervous system traumatic injury comprising the administration to a subject of a serotonin-modulating agent in combination with a cyclooxygenase-2 selective inhibitor.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/22059

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01N 43/42, 43/18, 43/14, 43/16; A61K 31/44, 31/38, 31/35

US CL : 514/290, 299, 311, 432, 437, 454, 456

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/290, 299, 311, 432, 437, 454, 456

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAS, EAST, PALM: COX-2, SSRI, stroke, compounds

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GUPTA et al. Enhanced protection by melatonin and meloxicam combination in a middle cerebral artery occlusion model of acute ischemic stroke in rat. Can. J. Physiol. Pharmacol. 2002, Vol. 80, pages 210-217.	1-15
Y	US 6,245,782 B1 (SEREBRUANY et al.) 12 June 2001 (12.06.2001), col. 1, line 27-col. 2, line 40.	1-15
Y	US 6,034,256 A (CARTER et al.) 07 March 2000 (07.03.2000), col. 2, line 26-col. 4, line 57.	6
Y	US 5,633,272 A (TALLEY et al.) 27 May 1997 (27.05.1997), col. 1, line 42-50; col. 2, line 3-col. 3, line 8.	7, 9-13
Y	MITCHELL et al. Selectivity of nonsteroidal antiinflammatory drugs as inhibitors of constitutive and inducible cyclooxygenase. Proc. Natl. Acad. Sci. USA. Pharmacology, Vol. 90, pages 11693-11697.	8

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Gregory W. Mitchell

Telephone No. 571-272-1600