

**Schedule of J. RETTENMAIER & SÖHNE GMBH & CO KG
U.S. Trademark Applications**

Application Serial No.

Mark

76/370,134

EXCIPIO ECONOMICS

76/370,133

EXCIPONOMICS

76/398,225

NUTRASOLV SMCC

76/398,226

NUTRASOLV

**Schedule of J. RETTENMAIER & SÖHNE GMBH & Co KG
U.S. Trademark Registrations**

Registration No.	Mark
1,460,474	CANDEX
1,231,554	COMPACTROL
1,220,459	EMCOCEL
1,024,029	EMCOMPRESS
1,207,700	EMCOSOY
1,024,028	EMDEX
1,256,473	EMDEX PLUS
1,097,160	EXPLOTAB
1,254,197	FIRMATAB
1,174,778	LUBRITAB
1,339,870	PPD-1000
1,119,432	SUGARTAB and Design
2,223,135	PROSOLV SMCC and Design
2,229,490	MULTICEL-N
2,237,290	PROSOLV SMCC and Design
2,505,862	PROSOLV
2,598,602	PROSOLV HD and Design
2,241,832	Miscellaneous Design (Graph)

TRADEMARK ASSIGNMENT (UNITED STATES)

Penwest Pharmaceuticals Co., a Washington corporation with its principal office at 2981 Route 22, Patterson, New York 12563-9970 (the "Seller"), has used and is using the trademarks identified on Schedule A and is the owner of the trademark applications and registrations identified on Schedule A, including the goodwill of the business connected with the use of, and symbolized by, said marks.

For good and valuable consideration, the receipt of which is hereby acknowledged, the Seller hereby assigns to J. Rettenmaier & Söhne GmbH & Co KG, a German limited partnership with its principal office at Holzmuehle 1, Rosenberg, Germany (the "Buyer"), the entire right, title and interest in and to the trademark applications and registrations listed on Schedule A and the trademarks which are the subjects thereof, including the goodwill of the business connected with the use of, and symbolized by, said marks.

The Seller further agrees, for itself, its successors and assigns, to execute such further documents and to perform such further lawful acts as may reasonably be requested by the Buyer to effectuate this assignment.

Witness my hand and seal this 27th day of February, 2003.

PENWEST PHARMACEUTICALS, CO.

By: Jennifer R. Good
Title: SR VP Finance & CFO

County of New York
State of New York

Then personally appeared the above named Jennifer Good of the Seller and acknowledged the foregoing act to be his or her free act and deed, before me, this 27th day of February, 2003.

Christine M. Ryan
Notary Public

My commission expires:

CHRISTINE M. RYAN
Notary Public, State of New York
No. 4843260
Qualified in Suffolk County
Commission Expires April 30, 2003

SCHEDULE A
Trademark Applications and Registrations in United States

APPLICATIONS

TRADEMARK	SERIAL NO.	FILING DATE
EXCIPIO ECONOMICS	76/370134	02/12/02
EXCIPONOMICS	76/370133	02/12/02
NUTRASOLV SMCC	76/398225	04/22/02
NUTRASOLV	76/398226	04/22/02
NUSOLV	75/698766	05/05/99

REGISTRATIONS

TRADEMARK	REG. NO.	REG. DATE
CANDEX	1460474	10/13/87
COMPACTROL	1231554	03/22/93
EMCOCEL	1220459	12/21/82
EMCOMPRESS	1024029	11/04/75
EMCOSOY	1207700	09/14/82
EMDEX	1024028	11/04/75
EMDEX PLUS	1256473	11/08/83
EXPLOTAB	1097160	07/25/78
FIRMATAB	1254197	10/18/83
LUBRITAB	1174778	10/27/81
PPD-1000	1339870	06/11/85
SUGARTAB and Design	1119432	05/29/79
PROSOLV SMCC	2223135	02/09/99

MULTICEL-N	2229490	03/02/99
PROSOLV SMCC and Design	2237290	04/06/99
PROSOLV	2505862	11/13/01
PROSOLV HD and Design	2598602	07/23/02
Miscellaneous Design (Graph)	2241832	04/27/99