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SCHEDULE 1A U.S. TRADEMARK APPLICATIONS

MARK	APPLICATION SERIAL NUMBER	
	·	
H Design	74/305,262	
HBPLUS	74/438,820	
HEMAZERO	75/595,143	
HEMOLINK	76/027,931	
HEMOSOL	75/384,357	
HEMOSTARCH	76/059,134	
XL CONDITIONED MEDIUM	75/290,689	
XLCM	75/290,683	
HEMO2LINK THE OXYGEN CARRIER & Design	76/173,393	
HEMO2LINK THE OXYGEN THERAPEUTIC & Design	76/180,257	

TOR_P2Z:381753,5 200103221518 1016054

ASSIGNMENT FOR SECURITY (TRADE-MARKS)

WHEREAS the Borrower, Hemosol Inc. (the "Assignor") has adopted, used and is using, and holds all right, title and interest in and to, the Trade-marks and service marks listed on the annexed Schedule 1A, for which United States registrations and applications for registration are subsisting, as indicated on Schedule 1A (such marks, applications and registrations, collectively, the "Trade-marks");

WHEREAS the Assignor has entered into a General Security Agreement dated as of November 24, 2000 (as amended or otherwise modified from time to time, the "Security Agreement") in favour of the Lender, The Manufacturers Life Insurance Company (the "Assignee");

WHEREAS pursuant to the Security Agreement, the Assignor has assigned to the Assignee and granted to the Assignee a security interest in all right, title and interest of the Assignor in, to and under the Trade-marks together with the good-will of the business symbolized by the Trademarks and all proceeds of the foregoing, including, without limitation, any and all causes of action that may exist by reason of violation thereof and any and all damages arising from past, present and future violations thereof (the "Collateral") to secure the payment, performance and observance of the Obligations (as defined in the Security Agreement);

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor does hereby convey, sell, assign, transfer and set over unto the Assignee and grants to the Assignee a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

The Assignor does hereby further acknowledge and affirm that the rights and remedies of the Assignee with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

This Assignment For Security (Trade-marks) shall not be interpreted to grant any rights to the Assignee or the Assignor or impose any obligations on the Assignee or the Assignor in addition to or different from those set forth in the Security Agreement. The terms and provisions of the Security Agreement prevail and are paramount over this Assignment For Security (Trade-marks).

IN WITNESS WHEREOF the Assignor has caused this Assignment For Security (Trademarks) to be duly executed by its officer thereunto duly authorized as of November 24, 2000.

BORROWER

By:

Name: DAVID BELL

Title: V.P. DRUG DEVELOMENT & REGULATORY AFFAIRS

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CERTIFICATE OF ACKNOWLEDGEMENT

City of Toronto, Province of Ontario

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RECORDED: 01/16/2002