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October 15, 2004

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APPLICATION NUMBER: 60/113,778

FILING DATE: December 23, 1998

**By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS**



W. Montgomery
W. MONTGOMERY
Certifying Officer

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

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PTO-1556

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*U.S. GPO: 1998-433-214/80404

PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53 (c)

Docket Number	P-11800	Type a plus sign (+) inside this box -->	+
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INVENTOR(S)/APPLICANT(S)

LAST NAME	FIRST NAME	MIDDLE NAME	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)
Beight	Douglas	Wade	Indianapolis, Indiana
Craft	Trelia	Joyce	Indianapolis, Indiana
Franciskovich	Jeffrey	Bernard	Indianapolis, Indiana
Goodson Jr.	Theodore		Indianapolis, Indiana

TITLE OF THE INVENTION (280 characters max)

ANTITHROMBOTIC AMIDES

CORRESPONDENCE ADDRESS

Eli Lilly and Company
 Patent Division/D.C. 1104
 Lilly Corporate Center
 Indianapolis, Indiana 46285

STATE	IN	ZIP CODE	46285	COUNTRY	USA
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ENCLOSED APPLICATION PARTS (check all that apply)

<input checked="" type="checkbox"/> Specification	Number of pages	74	<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> Drawing(s)	Number of Sheets		<input type="checkbox"/> Other (Specify)

METHOD OF PAYMENT (check one)

<input type="checkbox"/> A check or money order is enclosed to cover the Provisional filing fees	PROVISIONAL FILING FEE AMOUNT (\$)	\$150.00
<input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge filing fees and credit Deposit Account Number:	05-0840	

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

No.

Yes, the name of the U.S. Government agency and the Government contract number are:

Respectfully submitted,

SIGNATURE

Thomas E. Jackson

Date 12/23/98

TYPED or PRINTED NAME THOMAS E. JACKSON

REGISTRATION NO. (if appropriate)

33,064

Additional inventors are being named on separately numbered sheets attached hereto

PROVISIONAL APPLICATION FOR PATENT FILING ONLY

"Express Mail" mailing label number EL042024904US Date of Deposit December 23, 1998
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D'Leah R. Sanders
Printed Name

D'Leah R. Sanders
Signature

10541 U.S. PTO
60/113776

12/23/98


INVENTOR(s)/APPLICANT(s) CONTINUED

LAST NAME	FIRST NAME	MIDDLE NAME	RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)
Hall	Steven	Edward	Chapel Hill, North Carolina
Herron	David	Kent	Indianapolis, Indiana
Klimkowski	Valentine	Joseph	Carmel, Indiana
Kyle	Jeffrey	Alan	Fishers, Indiana
Masters	John	Joseph	Indianapolis, Indiana
Mendel	David		Indianapolis, Indiana
Milot	Guy		Foxborough, Massachusetts
Piñeiro-Núñez	Marta	María	Brownsburg, Indiana
Sawyer	Jason	Scott	Indianapolis, Indiana
Shuman	Robert	Theodore	Greenwood, Indiana
Smith	Gerald	Floyd	Indianapolis, Indiana
Tebbe	Anne	Louise	Indianapolis, Indiana
Tinsley	Jennifer	Marie	Martinsville, Indiana
Weir	Leonard	Crayton	Raleigh, North Carolina
Wikel	James	Howard	Greenwood, Indiana
Wiley	Michael	Robert	Indianapolis, Indiana
Yee	Ying	Kwong	Carmel, Indiana

ANTITHROMBOTIC AMIDES

This invention relates to antithrombotic aromatic
5 amides which demonstrate activity as inhibitors of factor Xa
and, accordingly, which are useful anticoagulants in
mammals. In particular it relates to aromatic amides having
high anticoagulant activity, and antithrombotic activity.
Thus, this invention relates to new amides which are
10 inhibitors of factor Xa, pharmaceutical compositions
containing the amides as active ingredients, and the use of
the amides as anticoagulants for prophylaxis and treatment
of thromboembolic disorders such as venous thrombosis,
pulmonary embolism, arterial thrombosis, in particular
15 myocardial ischemia, myocardial infarction and cerebral
thrombosis, general hypercoagulable states and local
hypercoagulable states, such as following angioplasty and
coronary bypass operations, and generalized tissue injury as
it relates to the inflammatory process. In addition, the
20 antithrombotic agents are useful as anticoagulants in *in vitro*
applications.

The process of blood coagulation, thrombosis, is
triggered by a complex proteolytic cascade leading to the
formation of thrombin. Thrombin proteolytically removes
25 activation peptides from the $\text{A}\alpha$ -chains and the $\text{B}\beta$ -chains of
fibrinogen, which is soluble in blood plasma, initiating
insoluble fibrin formation. The formation of thrombin from
prothrombin is catalyzed by factor Xa.

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	<u>D'Leah R. Sanders</u> Printed Name
	<u></u> Signature

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