FORM **PTO-1595** 09-22-1999 RF U.S. DEPARTMENT OF COMMERCE ET Patent and Trademark Office C - 283101133897 To the Honorable Commissioner of Pater. ched original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Bristol-Myers Squibb Company Graham E. Steer John A. Gent Internal Address: Donald J. highgate Additional name(s) of conveying party(ies) attached? 🔲 Yes - 🖾 No 3. Nature of conveyance: Street Address: 345 Park Avenue ☐ Merger Assignment ☐ Security Agreement Change of Name City: New York State: NY ZIP: 10154 Other \_\_\_\_\_ Execution Date: 8-15-91 Additional name(s) & address(es) attached? Yes ☐ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/086,368 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Stuart E. Krieger Name: Internal Address: 7. Total fee (37 CFR 3.41):..... \$ 40.00 ☐ Enclosed

Street Address: Bristol-Myers Squibb Company

100 Headquarters Park Drive

State: \_NJ

ZIP:08558

8. Deposit account number:

02 - 3869

Authorized to be charged to deposit account

(Attach duplicate copy of this page if paying by deposit account)

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City:

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Statement and signature.

Skillman

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stuart E. Krieger Name of Person Signing

Stuat & Kriege

July 19, 1999

Total number of pages comprising cover sheet:



#### THIS ASSIGNMENT is made the 15th day of August 1997

BETWEEN GRAHAM EMERY STEER, Beeches, 60 Cottenham Park Road, Wimbledon, London SW20 0TB, England

(hereinafter called 'the second Inventor') of the one part and BRISTOL-MYERS SQUIBB COMPANY whose registered office is situated at Lawrenceville-Princeton Road, Princeton, New Jersey 08543-4000, U.S.A. (hereinafter called 'the Company') of the other part

- A. WHEREAS: The second Inventor jointly with Mr. John A. Gent and Mr. Don Highgate has made an invention relating to Adhesive Composition or Structure particulars whereof are set forth in a draft specification which the second Inventor has read and approved and of which an abstract is appended hereto and
- B. The second Inventor undertakes and declares
  - (i) that the said draft specification describes the said invention to the best of his knowledge and that he believes that he is a true co-inventor thereof and
  - (ii) that he is not aware of any lawful ground of objection to the grant of letters patent in respect of the said invention.

#### THIS ASSIGNMENT WITNESSETH as follows:

- 1. In consideration of the sum of Five Pounds (receipt whereof the second Inventor hereby acknowledges) the second Inventor hereby assigns to the Company the benefit of and all his rights and interests (if any) in the said invention including the right to apply for any Patent, Registered Design or other form of Industrial Property Protection in respect thereof in the United Kingdom and elsewhere throughout the world with or without claim to priority
- 2. The second Inventor hereby covenants
  - that he will give any consents or permissions and (at the expense of the Company) execute and do all such documents and acts as may be necessary or desirable to enable the Company to make any application for Patent, Registered Design or other form of Industrial Property Protection in the United Kingdom or elsehwere throughout the world in respect of the said invention as the Company may in its sole discretion think fit whether in the name of the Company, by itself or jointly with another or others or, if such be necessary or the Company so desires, in the name of the Inventors or jointly with another or others;

PATENT REEL: 010109 FRAME: 0593

- (b) that in any case where any such application is made in the name of the second Inventor or in the name of the Company or some other person or persons jointly with the Inventor he will, at the request and expense of the Company, execute and do all such documents and acts as may be necessary or desirable to vest such application or any Patent, Registered Design or other Industrial Property Protection that may have been granted pursuant thereto in the Company absolutely;
- that he will not at any time disclose, without the consent of the Company, any confidential information whatsoever concerning the said invention to any person who is not authorised by the Company to receive the same.
- 3. This Assignment is made without prejudice to any entitlement of the Inventor to be paid compensation pursuant to Sections 40 and 41 of the Patents Act, 1977.

AS WITNESS the hands of the second Company the day and year first above wri	Inventor and the authorised signatory of the tten
SIGNED by the said ) GRAHAM EMERY STEER ) in the presence of: )	
WITNESS	C Combool
NAME	C. COMBER 74 Hamesdale Roca Reignate Survey
ADDRESS	Reigate Survey
OCCUPATION	Exec. Sec.
SIGNED by	
For and on behalf of BRISTOL-MYERS SQUIBB COMPANY	} faul Sholy
in the presence of	Paul D. Schoenle Chief Counsel Patents
WITNESS Anet John	on on
NAME JANET ZOIMAN	
ADDRESS P.O. BOX 708	Warsaw, IN 46581
OCCUPATION Secretary	

### **ABSTRACT**

# ADHESIVE COMPOSITION OR STRUCTURE (FIGS. 6 AND 7)

An adhesive composition or structure is proposed for use in skin application, e.g. drug delivery wound care, or for attaching devices to collect body waste to the wearer. The composition comprises (a) a polymer or mixture of polymers which act as a pressure-sensitive adhesive present in an amount 20-60 parts by weight of the adhesive composition; and (b) a water-swellable polymer present in an amount 20-80 parts by weight of the adhesive composition. The polymer is one which will absorb from 50 to 500 grams of pure water per 100 grams of water-swellable polymer.

Additionally there may be present up to 30 parts by weight (of the adhesive composition) of a water-soluble polymer.

The water-swellable polymer may be provided as a coating on non-water-soluble and non-water-swellable fibres which limit swelling of the coating to be radial of the fibres. By arranging or aligning the fibres, the direction of swelling of the composition or structure can be controlled. An adhesive ostomy pad is described which expands substantially in only one direction to avoid blocking the stoma aperture.

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## **AFFIDAVIT**

I, Stuart E. Krieger, of BRISTOL-MYERS SQUIBB COMPANY, do hereby swear by virtue of
my signature below, that the attached is a true copy of the original document and that it is in the
possession of BRISTOL-MYERS SQUIBB COMPANY.

Stuart E. Krieger

**Associate Counsel-Patents** 

Dated: August 19, 1998

STATE OF NEW JERSEY

: SS.:

COUNTY OF SOMERSET )

Subscribed and sworn to before me this 19 day of August 1998.

Hilda France

Notary Public of New Jersey

My Commission Expires on January 20, 2000

# THIS ASSIGNMENT is made the 15th day of August 1997

BETWEEN JOHN A. GENT of 21 Wykwood, Liphook, Hampshire, GU30 7AJ, England

(hereinafter called 'a Co-Inventor') of the one part and BRISTOL-MYERS SQUIBB COMPANY whose registered office is situated at Lawrenceville-Princeton Road, Princeton, New Jersey 08543-4000, U.S.A. (hereinafter called 'the Company') of the other part

A. WHEREAS: I am a Co-Inventor jointly with Mr. Graham E. Steer and Mr. Don Highgate and have jointly with them made an invention relating to Adhesive Composition or Structure short particulars whereof are set forth in a draft specification which I have read and approved and of which an abstract is appended hereto and

#### B. I undertake and declare

- (i) that the said draft specification describes the said invention to the best of my knowledge and that I believe that I am a true co-inventor thereof and
- (ii) that I am not aware of any lawful ground of objection to the grant of letters patent in respect of the said invention.

#### THIS ASSIGNMENT WITNESSETH as follows:

In consideration of the sum of Five Pounds (receipt whereof I hereby acknowledge) I hereby assign to the Company the benefit of and all my rights and interests (if any) in the said invention including the right to apply for any Patent, Registered Design or other form of Industrial Property Protection in respect thereof in the United Kingdom and elsewhere throughout the world with or without claim to priority

#### 2. I hereby covenant

- (a) that I will give any consents or permissions and (at the expense of the Company) execute and do all such documents and acts as may be necessary or desirable to enable the Company to make any application for Patent, Registered Design or other form of Industrial Property Protection in the United Kingdom or elsewhere throughout the world in respect of the said invention as the Company may in its sole discretion think fit whether in the name of the Company, by itself or jointly with another or others or, if such be necessary or the Company so desires, in the name of the Inventors or jointly with another or others;
- (b) that in any case where any such application is made in the name of

PATENT REEL: 010109 FRAME: 0597 the Company or some other person or persons jointly with the Inventors I will, at the request and expense of the Company, execute and do all such documents and acts as may be necessary or desirable to vest such application or any Patent, Registered Design or other Industrial Property Protection that may have been granted pursuant thereto in the Company absolutely;

(c) that I will not at any time disclose, without the consent of the Company, any confidential information whatsoever concerning the said invention to any person who is not authorised by the Company to receive the same.

AS WITNESS the hands of John A. Gent and the authorised signatory of the Company the day and year first above written

SIGNED by the said JOHN A. GENT	)		T. Cal
in the presence of	)		Empoor
WITNESS			ombeel Himesdall Re
NAME		Rei	gata, Sive
ADDRESS		LXC	c. Sec
OCCUPATION			
SIGNED by		)	
For and on behalf of BRISTOL-MYERS SQUIBB COM	PANY	) ) ) .	Paul D. Schoenle
in the presence of	$ \uparrow $	j	Chief Counsel Patents
WITNESS Janet /	LOL	mon	
NAME JANET ZOLN	I AN		
ADDRESS P.O. Box 708	, W	)arsac	W, ±N 46581
OCCUPATION Secreta,			

### **ABSTRACT**

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PATENT REEL: 010109 FRAME: 0599

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my signature below, that the attached is a true copy of the original document and that it is in the
possession of BRISTOL-MYERS SQUIBB COMPANY.

Stuart E. Krieger

**Associate Counsel-Patents** 

Dated: August 19, 1998

STATE OF NEW JERSEY

: **SS**.:

COUNTY OF SOMERSET )

Subscribed and sworn to before me this 19 day of August 1998.

Hilda Franco

Notary Public of New Jersey

My Commission Expires on January 20, 2000

# THIS ASSIGNMENT is made the 1st day of July 1998

BETWEEN Donald Highgate of "Brambles", Wonham Way, Gomshall, Guildford, Surrey GU5 9NZ, England

(hereinafter called 'the Co-Inventor') of the one part and BRISTOL-MYERS SQUIBB COMPANY whose registered office is situated at Lawrenceville- Princeton, New Jersey 08543-4000, U.S.A. (hereinafter called 'the Company') of the other part

- A. WHEREAS: I am a Co-Inventor jointly with Mr. Graham E. Steer and Mr. John A. Gent and have jointly with them made an invention relating to Adhesive Composition or Structure short particulars whereof are set forth in a draft specification which I have read and approved and of which an abstract is appended hereto and
- B. I undertake and declare that the said draft specification describes the said invention to the best of my knowledge and that I believe that I am a true co-inventor thereof and

#### THIS ASSIGNMENT WITNESSETH as follows:

1. In consideration of the sum of Five Pounds (receipt whereof I hereby acknowledge) I hereby assign to the Company the benefit of and all my rights and interests (if any) in the said invention including the right to apply for any Patent, Registered Design or other form of Industrial Property Protection in respect thereof in the United Kingdom and elsewhere throughout the world with or without claim to priority.

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PATENT REEL: 010109 FRAME: 0601

(b)	that in any case where any such application is made in the name of
	the Co-Inventor or in the name of the Company or some other person
	or persons jointly with the Co-Inventor he will, at the request and
	expense of the Company, execute and do all such documents and acts
	as may be necessary or desirable to vest such application or any
	Patent, Registered Design or other Industrial Property Protection that
	may have been granted pursuant thereto in the Company absolutely.

AS WITNESS the hands of the Co-Inventor and the authorised signatory of the Company the day and year first above written.

SIGNED by the said  DON HIGHGATE  in the presence of  DON HIGHGATE  DON HIGHGATE  DON HIGHGATE  DON HIGHGATE  DON HIGHGATE  DON HIGHGATE  DON HIGHGATE
WITNESS Tolk
NAME KENNETH WILLIAM SPRAKE
ADDRESS RESTWAYS LOXWIED RD. ALFOLD. SURREY
OCCUPATION BUILDER
SIGNED by  for and on behalf of BRISTOL-MYERS SQUIBB COMPANY  )  //   //   //
in the presence of  Paul D. Schoenle Chief Counsel Patents
WITNESS Janet Jalman
NAME JANET ZOLMAN
ADDRESS PO. Box 708 Whrsaw, IN 46581
OCCUPATION Secretary

# **ABSTRACT**

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possession of BRISTOL-MYERS SQUIBB COMPANY.

Stuart E. Krieger

**Associate Counsel-Patents** 

Dated: August 19, 1998

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Subscribed and sworn to before me this 19 day of August 1998.

Hilda Franco

Notary Public of New Jersey

My Commission Expires on January 20, 2000