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(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



DEPARTMENT OF COMMERCE
Patent and Trademark Office

101800372

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Brown & Sharpe Manufacturing Company
Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies)
Name: **Brown & Sharpe Holding AB**
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: **Kronobryggan, S-26131
Landskrona, Sweden**

Execution Date: **April 27, 2001**

Additional name(s) & addresses(es) attached? [] Yes [X] No

4. 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)
See Attached Schedule

B. Patent No.(s)
See Attached Schedule

Additional numbers attached? [X] Yes [] No

5. Name and address of party to whom correspondence
Concerning document should be mailed:
Name: **Lawrence M. Green**
Address: **WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210**

6. Total number of applications and patents involved: **[24]**
7. Total fee (37 CFR 3.41) **\$ 960.00**
 Enclosed
 Authorized to be charged to deposit account

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

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9. Statement and signature

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.

Lawrence M. Green

July 26, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **[6]**

Mail documents to be recorded with required cover sheet information to:

Box Assignment
Honorable Commissioner of Patents,
Washington, D.C. 20231

08/03/2001 GTDN11 00000222 4492036

01 FC:581

960.00 OP

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PATENT
REEL: 012025 FRAME: 0661

U.S. PATENTS

PATENT NO.	PATENT DATE	TITLE	INVENTOR(S)	EXPIRATION DATE
4,492,036	01/08/85	Magnetic Ball Bar Gauge	Walter L. Beckwith, Jr.	01/08/2002
4,763,420	08/16/87	Base Assembly Coordinate Measuring Machine	William J. McCabe, Vitaly I. Pesikov	08/16/2005
4,835,871	06/06/89	Counterweight for Coordinate Measuring Machine	Vitaly I. Pesikov	06/06/2006
4,866,643	09/12/89	Method for Automatic Compensation of Probe Offset in a Coordinate Measuring Machine	Werner Dutler	09/12/2006
4,884,889	12/05/89	Calibration System for Coordinate Measuring Machine	Walter L. Beckwith, Jr.	12/05/2006
4,926,360	05/15/90	Electronic Gage Amplifier and Display	Stanley T. Spink	05/15/2007
4,939,678	07/03/90	Method for Calibration of Coordinate Measuring Machine	Walter L. Beckwith, Jr.	07/03/2007
4,946,293	08/07/90	Gas Bearing Having an Auxiliary Reservoir	Israel F. Helms	08/07/2007
4,949,465	08/21/90	Counterweight for Coordinate Measuring Machine	Vitaly Pesikov	08/21/2007
4,958,437	09/25/90	Coordinate Measuring Machine with Vibration Damper	Israel F. Helms	09/25/2007
5,042,162	08/27/91	Coordinate Measuring Machine with Vibration Dampening System	Israel F. Helms	08/27/2008
5,231,768	08/03/93	Stacked Block Step Gage	Walter L. Beckwith, Jr.	08/03/2010
5,347,723	09/20/94	Air Bearing Control System	Gary Russell	09/20/2011
5,418,730	05/23/95	Control Axis Mounted Computer Interface for Coordinate Measuring Machines	Michael A. Mariani, Kenneth L. Sheehan	05/23/2012
5,430,950	07/11/95	Stacked Block Step Gage	Walter Beckwith, Jr.	07/11/2012
5,535,524	07/16/96	Vibration Damper for Coordinate Measuring Machine	Paul W. Carrier, Richard A. MacMannus	07/16/2013

U.S. PATENTS, CONT'D.

5,669,150	09/23/97	Coordinate Measuring Machine Having Articulated Arm	Raymond J. Guertin, YuZhong Dai, Vitaly Pesikov, Walter Beekwith, Jr., Thomas Charlton	11/12/2016
5,671,541	09/30/97	Accuracy Verification Devices for CMMs	YuZhong Dai, Thomas Charlton, Jr.	09/01/2015
5,690,567	11/25/97	Transmission for Converting Rotary Motion into Linear Motion	Jan de Nijs, Matthias Lindner	05/25/01
5,822,877	10/20/98	Multi-Probe System for Dimensional Metrology	YuZhong Dai	06/20/2016
5,830,094	11/03/98	Transmission for Converting Rotary Motion into Linear Motion	Jan deNijs	11/03/2015
5,832,416	11/03/98	Calibration System for CMM	Paul Anderson	09/01/2015
6,112,423	09/05/00	Apparatus & Method for Calibrating a Probe Assembly of a Measuring Machine	Kenneth L. Sheehan	01/15/2019

PENDING U.S. PATENT APPLICATIONS

APPL. NO.	FILING DATE	TITLE	INVENTOR(S)	STATUS
09/702,403	10/31/00	BORE GAGE	Stephen Forschler et al.	Pending

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

WHEREAS, Brown & Sharpe Manufacturing Company ("Assignor"), a Delaware corporation, having a place of business at 200 Frenchtown Road, North Kingstown, Rhode Island 02852, U.S.A., is the owner of the patents and patent applications set forth on attached Schedule A (hereinafter "Assigned Patents & Patent Applications") and the underlying inventions described therein (hereinafter "Inventions"):

WHEREAS, BROWN & SHARPE HOLDING AB, a limited liability company organized under the laws of Sweden ("Assignee") having a place of business at Kronobryggan, S-26131, Landskrona, Sweden, is desirous of acquiring the entire and exclusive right, title and interest in and to the said Assigned Patents and Patent Applications and Said Inventions in the United States and throughout the world, and in and to any Letters Patent that may be granted and issued therefor;

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto hereby agree as follows:

1. Assignment. Assignor hereby assigns, transfers and conveys to Assignee all of Assignor's right, title, and interest in the United States and throughout the world in and to said Assigned Patents and Patent Applications, Said Inventions, and any and all Letters Patent whether U.S. or foreign that are or may be granted therefrom including without limitation any extensions, continuations, continuations-in-part, divisions, reissues, and reexaminations thereof, or equivalents thereof, and further, all rights, claims and privileges pertaining to the Assigned Patents and Patent Applications and Said Inventions including without limitation the right, if any, to sue or bring other actions and recover damages for past, present and future infringement thereof.
2. Further Assignment. Assignor further assigns to and empowers Assignee, its successors, assigns or nominees, all rights to make applications for patents or other forms of protection for Said Inventions and to prosecute such applications and said Assigned Patents and Patent Applications, as well as to claim and receive the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and the right to invoke and claim such right of priority without further written or oral authorization.
3. Authorization of Patent and Trademark Office to Record. Assignor further agrees that this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose regarding the subject matter hereof, as well as constituting proof of the right of Assignee or its successors, assigns or nominees to apply for patent or other proper protection for Said Inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.
4. Further Assurances. Assignor agrees to take such further action and to execute such documents as Assignee may reasonably request to effect or confirm the conveyance to Assignee of the Assigned Patents and Patent Applications and any improvements thereunder. When requested, without charge to but at the expense of said Assignee, Assignor agrees to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, reissue, reexaminations and other patent applications on any and all of Said Inventions by

executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to Assignor relating to Said Inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding and securing and maintaining proper patent protection for said Assigned Patents and Patent Applications and Said Inventions and for vesting title in said Assigned Patents and Patent Applications.

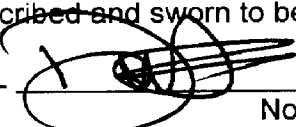
- 5. Issuance of Patents. Assignor hereby requests the Honorable Commissioner of Patents and Trademarks to issue said any Letters Patent resulting from Said Assigned Patents and Patent Applications and Said Inventions to said Assignee.
- 6. Covenant. Assignor covenants with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor and that the full right to convey the same as expressed herein is possessed by Assignor.

Brown & Sharpe Manufacturing Company

By: Kenneth N. Kermes
Name: Kenneth N. Kermes
Title: President

STATE OF Massachusetts
COUNTY OF Suffolk

Subscribed and sworn to before me this 27th day of April, 2001

SEAL 
Notary Public DANIEL WEINTRAUB, Notary Public
My Commission Expires February 24, 2006

U.S. PATENTS

PATENT NO.	PATENT DATE	TITLE	INVENTOR(S)	EXPIRATION DATE
4,492,036	01/08/85	Magnetic Ball Bar Gauge	Walter L. Beckwith, Jr.	01/08/2002
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4,926,360	05/15/90	Electronic Gage Amplifier and Display	Stanley T. Spink	05/15/2007
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5,231,768	08/03/93	Stacked Block Step Gage	Walter L. Beckwith, Jr.	08/03/2010
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5,669,150	09/23/97	Coordinate Measuring Machine Having Articulated Arm	Raymond J. Guertin, YuZhong Dai, Vitaly Pesikov, Walter Beckwith, Jr., Thomas Charlton	11/12/2016
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5,690,567	11/25/97	Transmission for Converting Rotary Motion into Linear Motion	Jan de Nijs, Matthias Lindner	05/25/01
5,822,877	10/20/98	Multi-Probe System for Dimensional Metrology	YuZhong Dai	06/20/2016
5,830,094	11/03/98	Transmission for Converting Rotary Motion into Linear Motion	Jan deNijs	11/03/2015
5,832,416	11/03/98	Calibration System for CMM	Paul Anderson	09/01/2015
6,112,423	09/05/00	Apparatus & Method for Calibrating a Probe Assembly of a Measuring Machine	Kenneth L. Sheehan	01/15/2019

PENDING U.S. PATENT APPLICATIONS

APPL. NO.	FILING DATE	TITLE	INVENTOR(S)	STATUS
09/702,403	10/31/00	BORE GAGE	Stephen Forscher et al.	Pending

EXPIRED U.S. PATENTS

PATENT NO.	PATENT DATE	TITLE	INVENTOR(S)	DATE OF EXPIRATION
4,802,774	02/07/89	Gas Bearing For Guiding Relative Movements Of Precision Machine Parts	Vitaly I. Pesikov	08/07/96
4,815,213	03/28/89	Apparatus For Temperature Compensation Of Sensing Means...	William J. McCabe, Vitaly I. Pesikov	09/28/00
4,833,630	05/23/89	Method And Apparatus For The Tridimensional Measuring Of An Object	Braman	11/23/96
5,616,917	04/01/97	Device For Measuring An Angle Between Pivotaly-Connected Members	YuZhong Dai	10/01/00

ABANDONED U.S. PATENT APPLICATIONS

APPL. NO.	FILING DATE	TITLE	INVENTOR(S)	DATE OF ABANDONMENT
08/441972	05/16/95	Coordinate Measuring Machine Having Articulated Arm	Raymond J. Guertin, YuZhong Dai, Vitaly Pesikov, Walter Beckwith, Jr., Thomas Charlton, Jr.	01/10/97
08/841504	04/23/97	Force Sensing Probe Apparatus & CMM Utilizing Same	Gary W. Russell, Jan deNijis	11/12/98
09/149213	09/08/98	Power Assist Manual Coordinate Measuring Machine & Method for Using Same	Richard Sansom, Richard MacManus	01/22/01
09/149192	09/08/98	Coordinate Measuring Machine Having a Machine Tool Frame	Thomas Charlton, Jr.	11/07/00

FOREIGN PATENTS

COUNTRY	PATENT NO.	PATENT DATE	TITLE	INVENTOR(S)	EXPIR. DATE
Germany	69320069-3	09/20/94	Air Bearing Control System	Gary W. Russell	12/08/2013
Spain	0701663	07/29/98	Air Bearing Control System	Gary W. Russell	12/08/2013
France	0701663	07/29/98	Air Bearing Control System	Gary W. Russell	12/08/2013
Gr. Britain	0701663	07/29/98	Air Bearing Control System	Gary W. Russell	10/31/2008
Italy	0701663	07/29/98	Air Bearing Control System	Gary W. Russell	12/08/2013
Germany	P692226269	07/15/98	Stacked Block Step Gage	Walter L. Beckwith	05/24/2012
Gr. Britain	0586563	07/15/98	Stacked Block Step Gage	Walter L. Beckwith	05/24/2012
Japan	2991385	10/15/99	Stacked Block Step Gage	Walter L. Beckwith	05/24/2012
Germany	0694158	05/26/99	Control Axis Mounted Computer Interface for Coordinate Measuring Machines	Michael A. Mariani, Kenneth L. Sheehan	04/15/2014
France	0694158	05/26/99	Control Axis Mounted Computer Interface for Coordinate Measuring Machines	Michael A. Mariani, Kenneth L. Sheehan	04/15/2014
Gr. Britain	0694158	05/26/99	Control Axis Mounted Computer Interface for Coordinate Measuring Machines	Michael A. Mariani, Kenneth L. Sheehan	04/15/2014

FOREIGN PATENTS, CONT'D.

Italy	0694158	05/26/99	Control Axis Mounted Computer Interface for Coordinate Measuring Machines	Michael A. Mariani, Kenneth L. Sheehan	04/15/2014
Japan	2766732	04/03/98	Control Axis Mounted Computer Interface for Coordinate Measuring Machines	Michael A. Mariani, Kenneth L. Sheehan	04/15/2014
Germany	P3886767.2	12/29/93	Calibration System for Coordinate Measuring Machine	Walter L. Beckwith, Jr.	10/31/2008
France	0386115	12/29/93	Calibration System for Coordinate Measuring Machine	Walter L. Beckwith, Jr.	10/31/2008
Italy	0386115	12/29/93	Calibration System for Coordinate Measuring Machine	Walter L. Beckwith, Jr.	10/31/2008
Japan	2694986	09/12/97	Calibration System for Coordinate Measuring Machine	Walter L. Beckwith, Jr.	10/31/2008
Japan	534996/96	05/15/96	Coordinate Measuring Machine Having Articulated Arm	Raymond J. Guertin, YuZhong Dai, Vitaly Pesikov, Walter Beckwith, Jr., Thomas Charlton, Jr.	12/11/00

ABANDONED FOREIGN PATENTS

COUNTRY	PATENT NO.	PATENT DATE	TITLE	INVENTOR(S)	DATE OF ABANDONMENT
Gr. Britain	0386115	12/29/93	Calibration System for Coordinate Measuring Machine	Walter L. Beckwith, Jr.	10/31/00
Europe	88909048.6	09/30/88	Base Assembly for Coordinate Measuring Machine	William J. McCabe, Vitaly I. Pesikov	11/26/91
Switzerland	0102817	12/06/89	Surface Grinder	Raymond J. Guertin, Chuhong Kang, Peter P. Matthews	06/21/91
Germany	0102817	12/06/89	Surface Grinder	Raymond J. Guertin, Chuhong Kang, Peter P. Matthews	06/21/91
Gr. Britain	0102817	12/06/89	Surface Grinder	Raymond J. Guertin, Chuhong Kang, Peter P. Matthews	06/21/91
Taiwan	29267	02/28/86	Surface Grinding Machine	Raymond J. Guertin, Chuhong Kang	09/19/91

ABANDONED FOREIGN PATENT APPLICATIONS

COUNTRY	APPL. NO.	FILING DATE	TITLE	INVENTOR(S)	DATE OF ABANDONMENT
PCT	US96/17452	11/01/96	Transmission For Converting Rotary Motion Into Linear Motion	DeNijis, Linder	06/03/98
PCT	US99/19025	08/20/99	Power Assist Manual Coordinate Measuring Machine And Method For Using Same	Sansom, MacMannus	03/08/01
PCT	US99/18968	08/20/99	Coordinate Measuring Machine Having A Machine Tool Frame	Charlton	03/08/01
Japan	514372/94	12/08/93	Air Bearing Control System	Gary W. Russell	09/14/00
Japan	509123/88	09/30/88	Apparatus for Temperature Compensation of Sensing Means of a Machine	William J. McCabe, Vitaly I. Pesikov	01/26/93
Brazil	PI8807732	09/30/88	Apparatus for Temperature Compensation of Sensing Means of a Machine	William J. McCabe, Vitaly I. Pesikov	11/26/91
Europe	88909901.6	09/30/88	Apparatus for Temperature Compensation of Sensing Means of a Machine	William J. McCabe, Vitaly I. Pesikov	02/06/93
Europe	88909463.7	09/30/88	Method & Apparatus for Automatic Compensation of Probe Offset	Werner Dutler	11/26/91
Europe	88910374.3	09/30/88	Gas Bearing for Guiding Relative Movement of Precision Machine Parts	Vitaly I. Pesikov	11/26/91
Europe	87114864.9	08/23/83	Magnetic Brake	Raymond J. Guertin, Chuhong Kang, Peter P. Matthews	06/21/91
Europe	87114863.1	08/23/83	Belt Drive	Raymond J. Guertin, Chuhong Kang, Peter P. Matthews	06/21/91
Europe	89904713.8	08/30/89	Electronic Gage Amplifier and Display	Stanley T. Spink	11/22/91
Europe	90914619.3	09/10/90	Coordinate Measuring Machine with Vibration Dampening System	Israel F. Helms	03/01/92

PENDING FOREIGN PATENT APPLICATIONS

COUNTRY	APPL. NO.	FILING DATE	TITLE	INVENTOR(S)	STATUS
Europe	96929771.2	08/29/96	Calibration System for Coordinate Measuring Machine	Paul Anderson	
Japan	511267/97	08/29/96	Calibration System for Coordinate Measuring Machine	Paul Anderson	Pending
Germany	19681396.4	05/15/96	Device for Measuring an Angle Between Pivotally-Connected Members	YuZhong Dai	Pending – req. for exam. Due 5/15/03
Japan	535002/96	05/15/96	Device for Measuring an Angle Between Pivotally-Connected Members	YuZhong Dai	Pending – req. for exam. Due 5/15/03
Germany	19681395.6	05/15/96	Coordinate Measuring Machine Having Articulated Arm	Walter L. Beckwith, Jr., Thomas Charlton, Jr., YuZhong Dai	Pending
Europe	96903362.0	01/16/96	Vibration Dampening Device	Paul W. Carrier, Richard A. MacMannus	Pending
PCT	US00/00795	01/13/00	Apparatus And Method For Calibrating A Probe Assembly Of A Measuring Machine	Kenneth L. Sheehan	Pending