FORMPIO 1595 (Rev. 6-95)	06-28-2	
OMB No. 0651-0011 (exp. 4/94)  Tab settings ⇒ ⇒ ▼		Patent and Trademark Office
To the Honorable Commissioner of Pa		
1. Name of conveying party(ies):	1021393	2. Name and address of receiving party(ies):
Terry M. Thomas	6-2442	Name: Joy MM Delaware, Inc.
Thomas A. Schwaben	*	
Lynn N. Wheatcraft	-	Internal Address:
Additional name(s) of conveying party(ies) attached?	Yes X No	
3. Nature of conveyance:		
Assignment	Merger	Street Address: 2751 Centerville Road, Suite 310
7. ·	Change of Name	2751 Center vine Rollin, Suite 510
	-	N/1-2-4-2-2-10000
Other		City: Wilmington State: DE ZIP: 19808
Execution Date: April 30, 2002		Additional name(s) & address(es) attached?
4. Application number(s) or patent number	r(s):	
If this document is being filed together	r with a new application	, the execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
10/12/ 01/		
10/136,014		
	Additional numbers atta	I ched? Yes X No
5. Name and address of party to whom	correspondence	
concerning document should be mailed		6. Total number of applications and patents involved:
Name James Earl Lowe, Jr.		,
Name: James Earl Lowe, Jr.		7. Total fee (37 CFR 3.41)
Internal Address:		Enclosed
		X Authorized to be charged to deposit account
Street Address: 15417 W. National	Avenue, #300	8. Deposit account number:
City: New Berlin State:	W// === 52151	08-0757
City: New Berlin State:		(Attach duplicate copy of this page if paying by deposit account)
444.	DO NOT	USE THIS SPACE
9. Statement and signature.		
To the best of my knowledge and beli the original document.		nation is true and correct and any attached copy is a true copy of
James Earl Lowe, Jr.	1 am	stall prod 6.15-02
Name of Person Signing		Signature Date
Z		over sheet, attachments, and document:
01 FC:581 /40.00 CH) M		rademarks, Box Assignments

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

## **ASSIGNMENT**

ASSIGNMENT made by Terry M. Thomas; and Thomas A. Schwabenbauer; and Lynn N. Wheatcraft; (hereinafter Said Inventors) to Joy MM Delaware, Inc., a corporation organized under the laws of the State of Delaware and located and doing business at 2751 Centerville Road, Suite 310, Wilmington, DE 19808.

IN CONSIDERATION of good and valuable considerations, the redeipt of which is hereby acknowledged, Said Inventors do hereby sell, assign and transfer to Joy MM Delaware, Inc., its successors and assigns, the entire right, title and interest in MINE CONVEYING SYSTEM and the invention therein as set forth in their application for United States Letters Patent therefor, executed on even date herewith, and in and to said application and any divisions or continuations thereof, and any Letters Patent obtained for said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said Joy MM Delaware, Inc., as assignee of the entire right, title and interest therein.

And, Said Inventors hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said Joy MM Delaware, Inc., to said invention or any Letters Patent that may be granted therefor, and that if said Joy MM Delaware, Inc., or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purposes, but at the expense of said Joy MM Delaware, Inc.

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Received Time Apr.30. 2:50PM

They further hereby acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional application resulting therefrom.

And, they further covenant that they will at all times communicate to the said Joy MM Delaware, Inc., its successors, assigns or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do.

We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date and serial number of our said application:

> Serial No.: Filing date:

Executed and delivered this 30 day of APRIL 02

Thomas

State of FENNSYLVANIA )

)ss.

County of VENANGO )

Personally appeared before me this 30th day of APRIL SCIA, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Notary Public

My Commission Expires:

Noterial Seel

Debra L. Crise, Notary Public
Franklin, Venango County
My Commission Expires June 28, 2003

Member, Pennsylvania Association of Notaries

Received Time Apr.30. 2:50PM

Received Time Apr.30.

**RECORDED: 06/24/2002** 

Executed and delivered this 30 day of APRIL , 2002
by Thomas A Schwabenbauer Mus a. Shwallelane
State of AENNSYLVANIA)
)ss.
County of VENANGO )
Personally appeared before me this 30th day of April 2007, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and
purposes therein set forth.  Notarial Seal  Debra L. Crisc, Notary Public  Franklin, Venango County  My Commission Expires June 28, 2003  Momber, Pennsylvania Association of Noterine  My Commission Expires:
Executed and delivered this 30 day of
by Lynn N Wheatcraft
State of PEUNSYLVANIA )  (State of PEUNSYLVANIA )
County of VENANGO )
Personally appeared before me this day of  APRIL 2007, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.  Allow Cruse  Notarial Seal Dehra L. Crise, Notary Public Franklin, Venango County My Commission Expires June 28, 2003  Member, Pennsylvania Association of Notaries

PATENT REEL: 013025 FRAME: 0242