

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Martin Junker	08/09/2010
Armin Mozar	08/09/2010
RECEIVING PARTY DATA	
Name:	RAG Aktiengesellschaft
Street Address:	Shamrockring 1
City:	Herne
State/Country:	GERMANY
Postal Code:	D-44623
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12918481
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ATTORNEY DOCKET NUMBER:	RAG 18815-WO-US
NAME OF SUBMITTER:	Rosalie Centeno
Total Attachments: 1 source=081910Assignment-RAG18815-WO-US#page1.tif	

CH \$40.00 12918481

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PATENT
REEL: 024881 FRAME: 0496

ASSIGNMENT

WHEREAS I/we, Martin JUNKER, Händelstrasse 6, D-47495 Rheinberg, Germany

-AND- Armin MOZAR, Rosenhang 9, D-59073 Hamm, Germany

have invented an improvement in Method for Automatically Creating a Defined Face Opening in Longwall Mining Operations

for which an application for Letters Patent of the United States

☒ is being made herewith.

☐ was filed on _____ under Serial No. _____

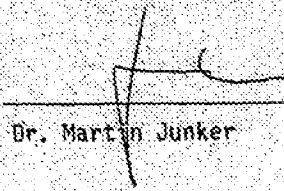
AND WHEREAS RAG Aktiengesellschaft, Shamrockring 1, D-44623 Herne / Germany

_____ is desirous of acquiring an interest in the same;

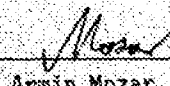
Now, therefore, in consideration of the foregoing and for other good and valuable consideration, the receipt of which is hereby acknowledged, I/we Martin Junker and Armin Mozar

hereby assign to the said RAG Aktiengesellschaft, its assigns and legal representatives, all the right, title and interest in and to said invention for the United States and its territories, and in and to said Letters Patent, continuations, divisions, reissues and extensions thereof in the United States, and hereby request that said Letters Patent issue accordingly. For said considerations, I/we, Martin Junker and Armin Mozar agree to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said RAG Aktiengesellschaft, or any assignee acquiring title to said invention and to execute any other papers that may be required in connection with filing said applications and securing patents thereon.

In Testimony whereof, this assignment is being executed this 09 day of August in the year of 2010



Dr. Martin Junker



Armin Mozar