



A painting that depicts the Felling Mine Disaster in May 1812 where 92 lives were lost. The blast was heard 4 miles away.



A simulation of what a mining disaster might look like underground.



A 'fireman' who was sent underground to rescue any survivors and recover bodies. The tank of air on his back was made from sewn up pigskins.



The penitent man. His job was to explore the mine before the workers arrived, with a stick and candle. This was to burn off any small pockets of methane (or firedamp as it was known then) to prevent larger volumes collecting, which might set off an explosion when the mine was fully occupied. He wore rags soaked in water to protect him from burns.



Rev John Hodgson (1779-1845)



Sir Humphry Davy



A Davy Lamp



George Stephenson



A Stephenson Lamp circa 1830



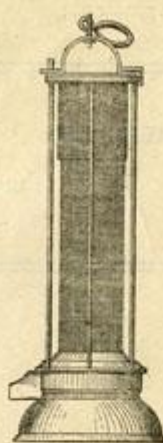
William Reid Clanny



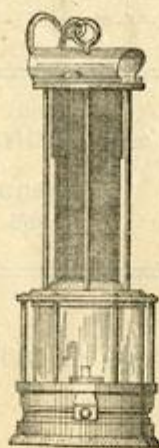
A Clanny Lamp circa 1880



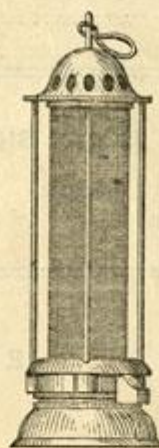
Improved
MUESELER,
with Hinge Lock.



DAVY.



CLANNY.



STEPHENSON.



MUESELER,
with Cover and
Flange Lock.

LAMPS.

DAVY, Ordinary Size	4/6 each.	CLANNY, Ordinary Size	7/6 each.
Medium "	4/3 "	Medium "	7/0 "
Small "	4/0 "	Small "	6/6 "
Improved "Fireman's" Davy	5/0 "	MUESELER, Best Improved	7/0 "
"Jack Lamp"	5/0 "	Lighter Pattern, with Iron Top	5/6 "
STEPHENSON, Ordinary Size	7/0 "	WILLIAMSON	9/6 "
Small "	6/6 "		

ROUTLEDGE & JOHNSON'S Patent Lamps, from 8/6 each.

EXTRAS—Lamps fitted with Lead Rivet Locks	from 3d. each extra.
Brass Bottoms	3d. "
Improved Spirit Burners	1/6 "
Dialling or Surveying Lamps	1/6 "
Clanny or Mueseler Lamps fitted with Bonnets or Shields	6d. "

THE "DONALD" SAFETY LAMP.

(PATENTED AND REGISTERED.)

The simplest form of "Tin Can" Davy Lamp in use.

PRICES—With Screw Lock	5/6 each.
" Lead Plug Lock	from 5/9 "
" Ryder's Patent Pillar Lock	6/3 "
Can be fitted with Shut-off if required	at 6d. each extra.

THE "MARSAUT" PATENT SAFETY LAMP,

FITTED WITH

RYDER'S PATENT PILLAR LOCKS.

PRICES—No. 1, with Screw Lock	at 6/9 each.
" 2, " Lead Plug Screw	at 7/0 "
" 3, " " "	at 7/3 "

No. 2 can be fitted with Adjustable Ring, or Swivel Lock, or with improved Flange Lock, at 7/3 each.

Light or Medium Pattern, with fixed cover and Screw Lock	at 6/0 each.
" " " " and Lead Plug Lock	from 6/3 "
Ordinary Pattern, with fixed cover and Screw Lock	at 6/6 "
" " " " and Lead Plug Lock	from 6/9 "

These Lamps can also be fitted with "Stoke's Shut-off" arrangement as recommended by the Royal Commission.

Special quotations given for large quantities, and Sample Lamps sent at any time for inspection and experiment on application.



No. 2



No. 3.

Inside left of trade catalogue and price list for Miners Safety Lamps and Fittings manufactured by John Mills & Sons, Forth Street Brass Works, Newcastle upon Tyne. May 1887.

A list of the Persons killed by the Explosion.

Name	Day of burial	Age	Employment
John Knox	May 27		Trapper
Robert Harrison	27	14	Waggon Driver
John Harrison	27	12	Waggon Driver
George Ridley	27	11	Waggon Driver
Robert Hutchinson	27	11	Trapper
Thomas Robson	July 8	18	Putter
John Pearson	8	58	Shifter
Philip Allan	8	17	Putter
Geo. Bainbridge, <i>unk</i>	8	10	Putter
Isaac Greener	9	24	Hewer
James Craigs	13	13	Waggon Driver
Edward Bell	15	12	Putter
Ralph Harrison	15	39	Horse-keeper
Matthew Brown	16	28	Hewer
James Kay	16	18	Putter
George Bell	16	14	Putter
Thomas Richardson	16	17	Putter
Henry Haswell	16	18	Putter
Joseph Anderson	16	23	Putter
Joseph Pringle	16	16	Putter
— Dobson, unknown	16	a boy	Trapper
George Pearson	16	26	Hewer
Robert Hall	16	13	Putter
Gregory Galley	16	10	Trapper
Benjamin Thompson	17	17	Craneman
George Mitcheson	17	18	Putter
Matthew Pringle	17	18	Putter
Nicholas Urwin	17	58	Braking inclined plane
John Wilson	17	32	Hewer
Thomas Young	17		Putter
John Jacques, unknown	17	14	Putter
Edward Pearson	17	14	Putter
William Richardson	17	19	Putter
Christopher Culley	17	20	Putter
William Butland	17	19	Crane On-setter
Jacob Allan	July 17	14	Putter
Isaac Greener	17	65	Hewer
Thos. Bainbridge, <i>unk.</i>	17	17	Putter
John Wilson	18	30	Hewer
Matthew Bainbridge	18	19	Putter
John Surtees	18	12	Trapper
Ralph Hall	18	18	Putter
Paul Fletcher	18	22	Hewer
William Galley	18	22	Putter
John Hunter	18	21	Hewer
Thomas Bainbridge	22	53	Hewer
John Wood	22	27	Hewer
Jeremiah Turnbull	22	43	Hewer
John Haswell	22	22	Hewer
John Burnitt	22	21	Hewer

<u>Name</u>	<u>Day of burial</u>	<u>Age</u>	<u>Employment</u>
George Culley	22	14	Trapper
Joseph Wilson	23	25	Hewer
John Boutland	23	46	Hewer
George Reay	24	9	Trapper
William Gardiner	24	10	Trapper
Thomas Craggs	24	36	Hewer
Thomas Craggs	24	9	Trapper
John Greener	24	21	Hewer
Edward Richardson	24	39	Hewer
Robert Dobson	24	13	Trapper
William Dixon	25	35	Hewer
George Robson	25	15	Putter
Andrew Allan	25	11	Trapper
John Thompson	25	36	Hewer
John Pearson	25	64	Hewer
Thomas Bears	25	48	Hewer
Charles Wilson	25	20	Hewer
Michael Gardiner	25	45	Hewer
James Comby	25	28	Hewer
Joseph Gordon	25	10	Trapper
Roben Haswell	25	42	Hewer
Joseph Wood	27	39	Hewer
John Wilkinson	27	35	Hewer
John Turnbull	27	27	Hewer
Matthew Sanderson	27	33	Hewer
Robet Gordon	27	40	Hewer
Thomas Gordon	27	8	Trapper
Christopher Mason	27	34	Hewer
Robert Gray Leck	28	16	Putter
William Jacques	July 28	23	Putter
William Hunter	29	35	Deputy
Thomas Ridley	29	13	Putter
William Sanderson	30	43	Hewer
George Lawton	30	14	Lamp-keeper
Michael Hunter	30	8	Trapper
William Dixon	31	10	Waggon Driver
Edward Haswell	Aug. 1	20	Hewer
Joseph Young	3	30	Trapper
George Kay	26	16	Putter
Robert Pearson	Sept. 1	10	Trapper
John Archibald Dobson	19	15	Trapper
Not yet discovered			

Those marked m. were married men: the rest single. Hodgson records 31 married men, while the Relief Fund records only 30 widows.

