

Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 334 *Ry.*

DATED 8th March

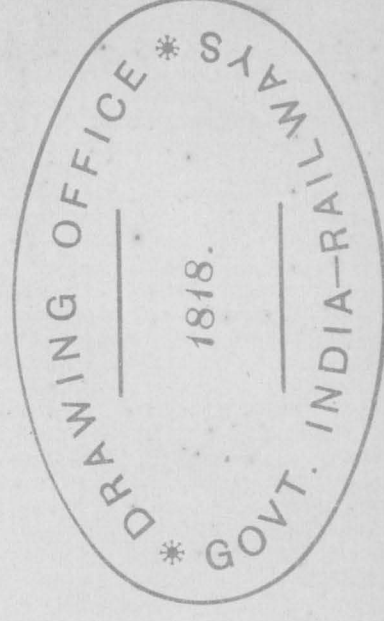
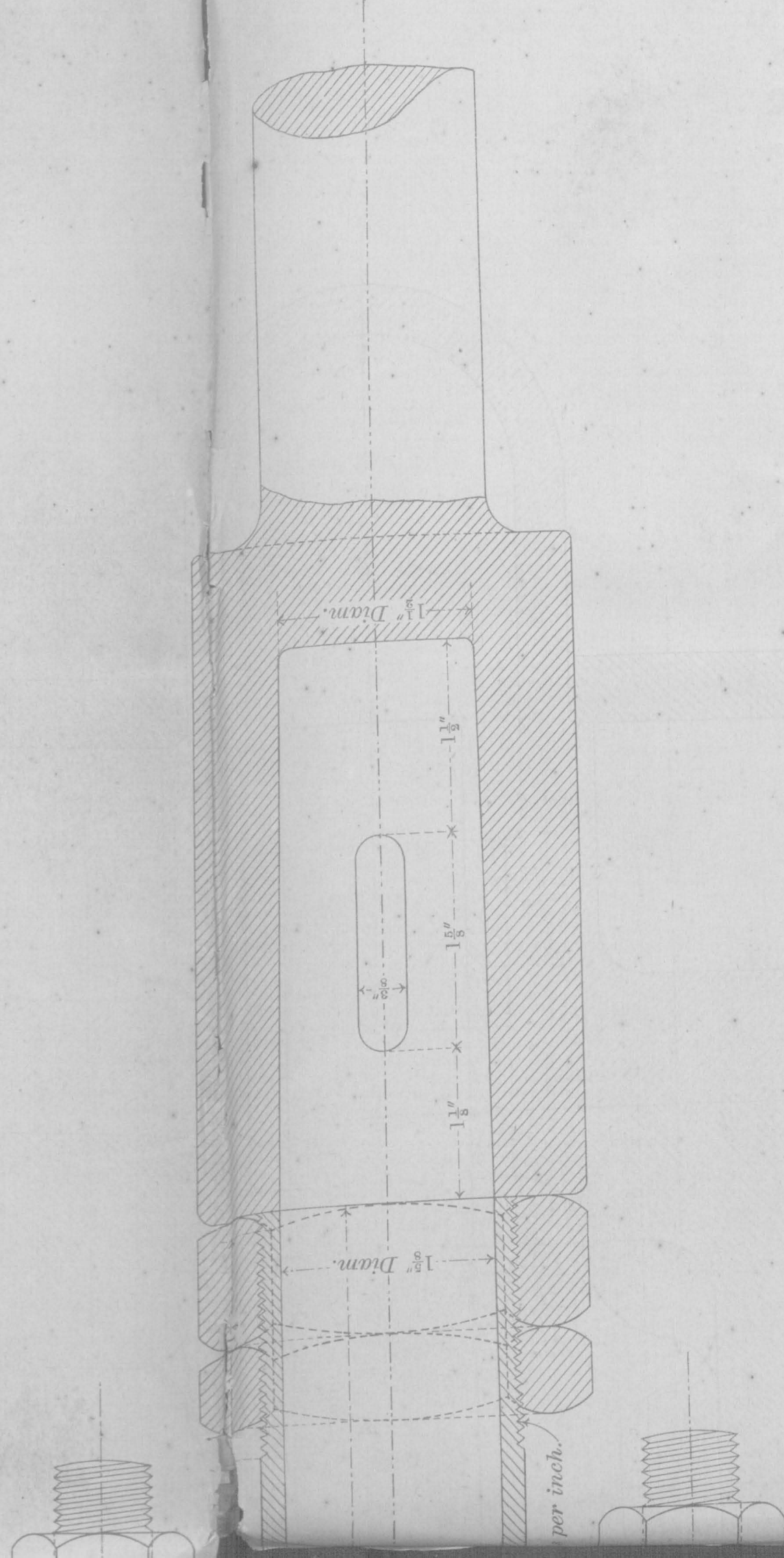
[Despatch Abstract.]

Improved slide valve spindle for locomotive engines. — Circular from the Govt of India forwarding a drawing of an — together with copy of correspondence on the subject & requesting to make it known to all Railway administrations, Commanded to the Consulting Engineers for Railways.

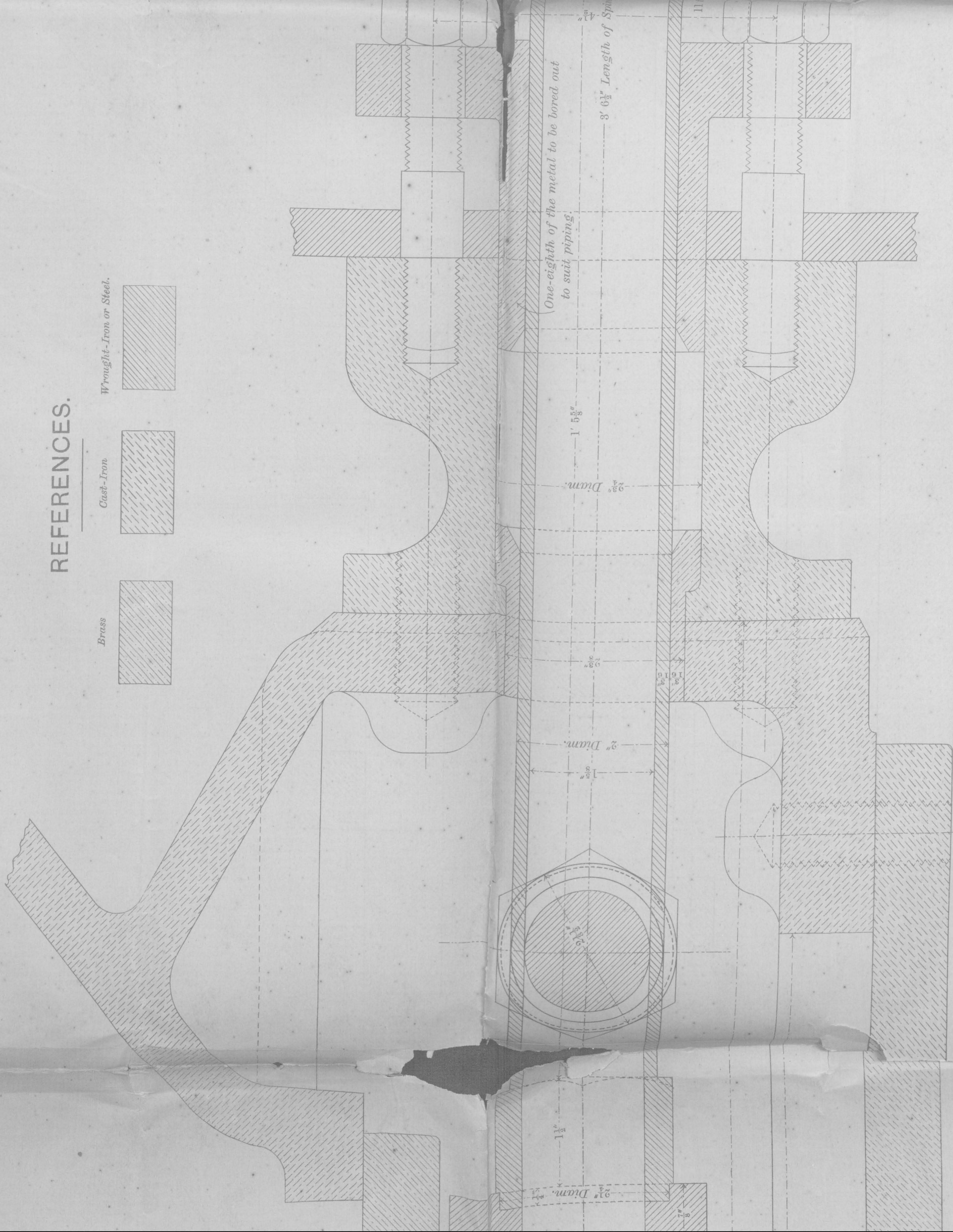
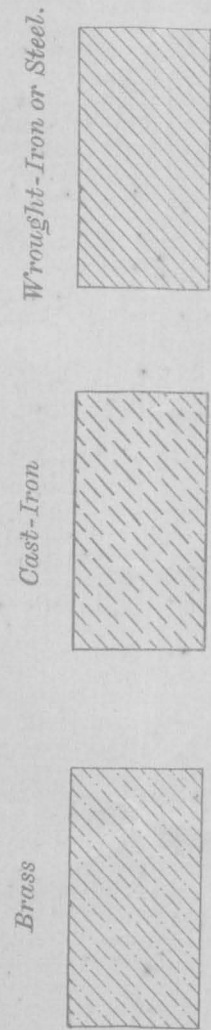
IMPROVED SPINDLE FOR LOCOMOTIVE SLIDE VALVES.

DESIGNED BY MESSRS. J. E. EDWARDS AND V. NEPOS.

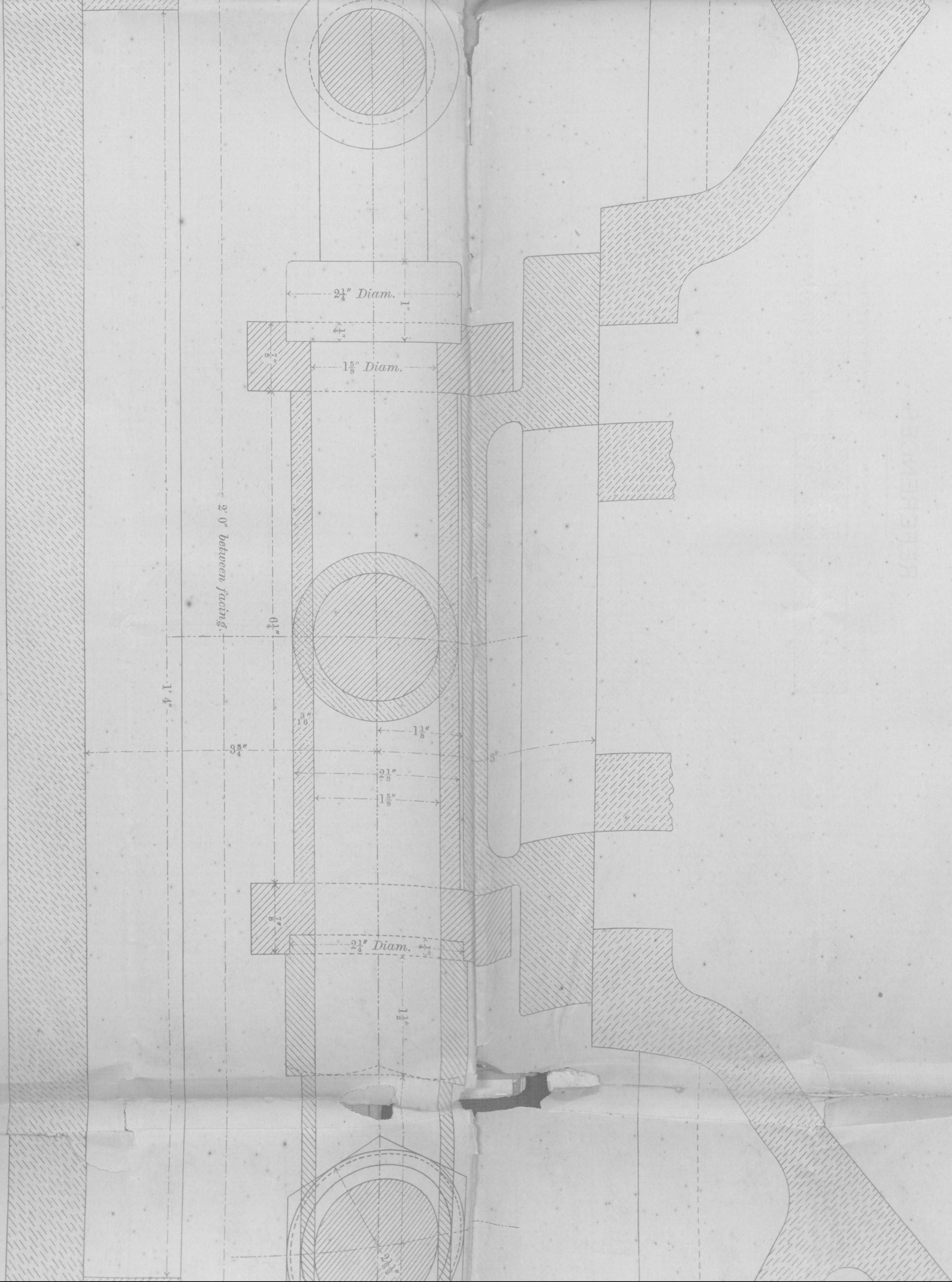
N.B.—The Design illustrated is adapted for H. Class Engines.



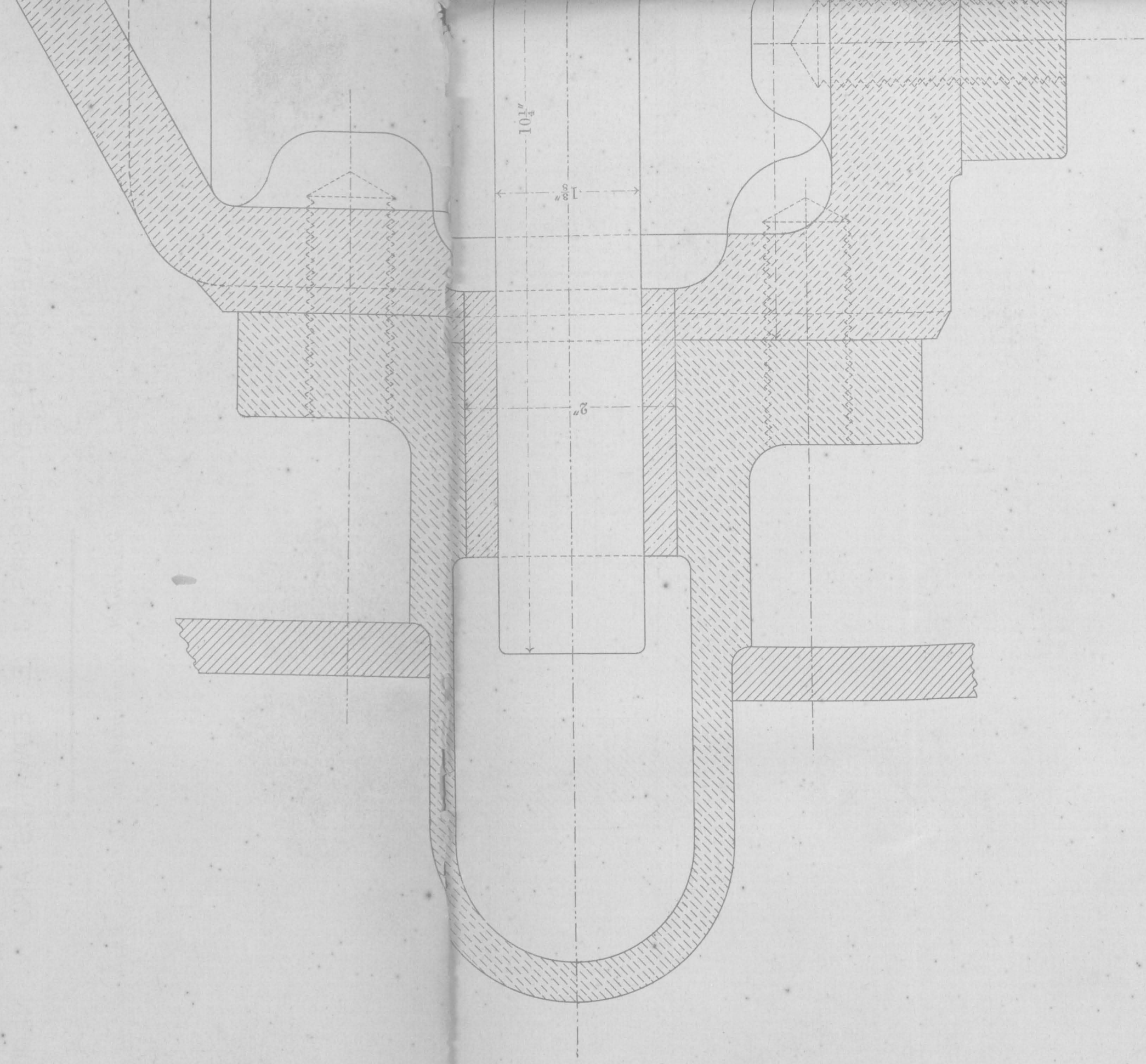
REFERENCES.



SCALE FULL SIZE.



Accompaniment to Government of India, P. W. Department
Circular No. II By S., dated 24 January 1880



Enclosure to Railway Circular No. II of 1890.

Dated India Office, 2nd August 1888.

From—The Director General of Stores,

To—The Secretary to the Government of India, Public Works Department, Simla.

With reference to your letter dated 22nd June 1888, No. 201 R. S., forwarding, for Sir A. Rendel's consideration, a ferrotype of an anti-friction slide valve spindle for Locomotive Engines, designed by Messrs. Nepos and Edwards, I enclose herewith a copy of a memorandum by Sir A. Rendel, dated 30th July 1888, from which it will be seen that it is proposed to use the spindle in the instances therein specified.

Report by Sir A. Rendel, dated 30th July 1888.

The arrangement is, I think, an improvement upon that adopted on the H Class Engines, not on account of its supposed "anti-frictional" properties, but on account of the facilities it affords for easy and cheap renewals.

It is not, in my opinion, superior to the ordinary bridle, such as is used in the F Class Engines. I propose to use it when this bridle is inapplicable.

P.W.D. No. 1819.

Recd. 24-2-90.
Encl.

[Heads of Departments.]

Circular No. II Railway.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY STORES.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, THE NORTH-WESTERN PROVINCES AND OUDH, AND THE PUNJAB.
THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BURMA AND ASSAM.
THE RESIDENT AT HYDERABAD.
THE AGENT TO THE GOVERNOR GENERAL FOR RAJPUTANA.
THE DIRECTOR GENERAL OF RAILWAYS.
THE CONSULTING ENGINEERS TO THE GOVERNMENT OF INDIA FOR RAILWAYS, CALCUTTA, CENTRAL DIVISION AND LUCKNOW.

Improved slide valve spindle for Locomotive Engines, designed by Messrs. Nepos and Edwards of the Eastern Bengal State Railway.

Calcutta, the 24th January, 1890.

SIR,

I am directed to forward for information a drawing of an improved slide valve spindle for Locomotive Engines, designed and patented by Messrs. Nepos and Edwards of the Eastern Bengal State Railway, together with a copy of the correspondence on the subject noted on the margin,* and to request that the invention may be made known generally to all Railway Administrations, with the intimation that the Government of India has secured the right to use the patent on all Railways in India.

* Letter Nos. 9991, dated 2nd August 1888, from the Director General of Stores, India Office, and its enclosure.

I have the honour to be,

SIR,

Your most obedient servant,

M. R. E.

Major, R.E.,
Under-Secretary.

Documents accompanying.

Copy of correspondence and copy of the ferrotype referred to.

To The Joint-Secretary to the Govt. of Madras,
By H. P. W. Dep. Secy.

Span copies will be sent from Secy.

London H.B. Notes
B. p. 334 R 28 March 1890.

P.M.C. no. 1819

W. 16 Feb 1890
Forwarded to the

SC 31

Consulting Engineer for
Railways for communication
to the Agents of the Madras
and South Indian
Railways

Recd 24-2-89
Encls: 2

C.L.S.
24.2.89

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p. 334 R 28 March 1890.

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The Consul Eng. for Rys.

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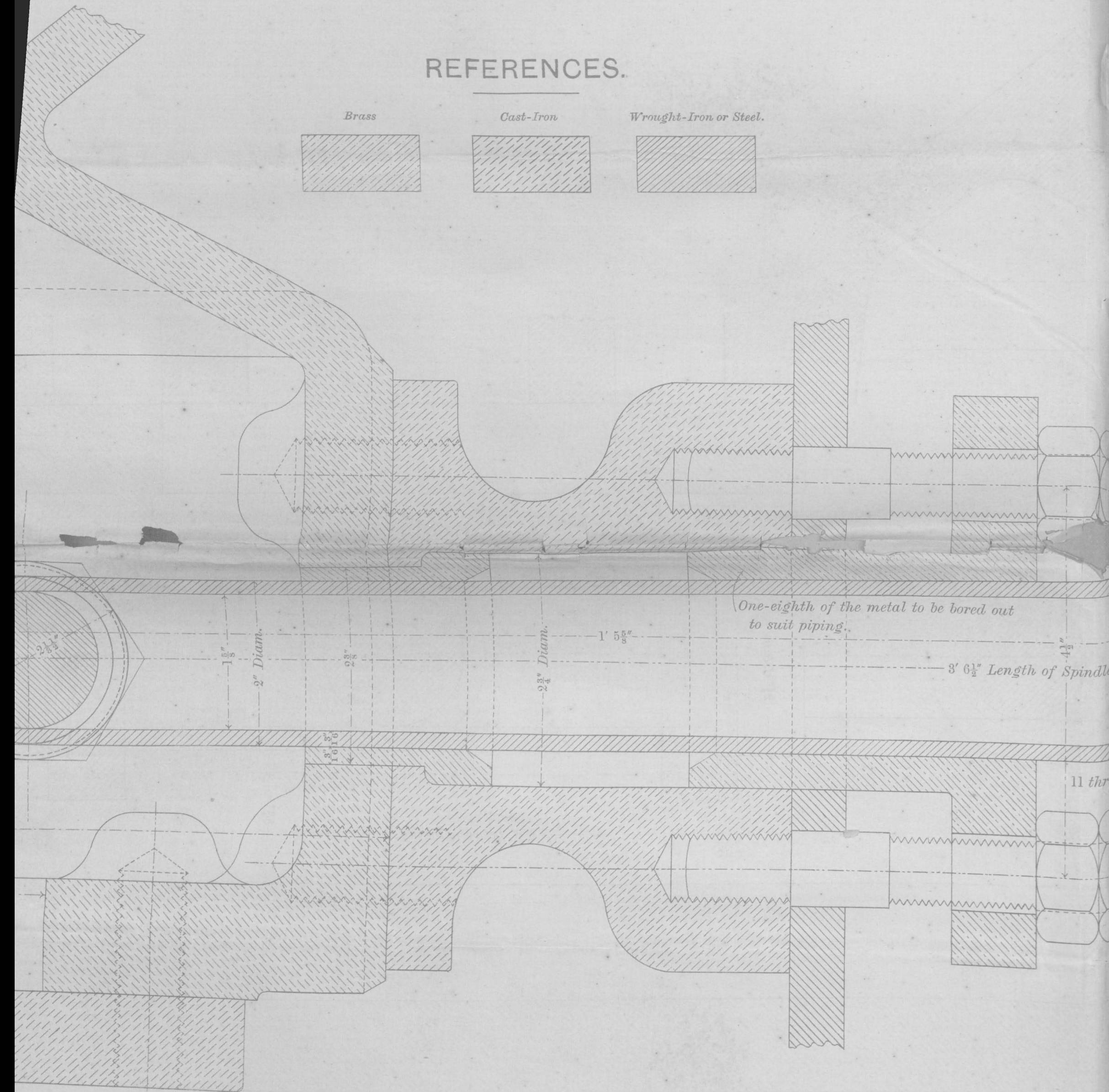
W. 16 Feb 1890

26 p. 5 b. 1890

H. 25 2.90 R 27-2-90.

REFERENCES.

N.B.—The Design illustrated is adapted for H. Class Engines.



DRAWING OF _____
1818.
GOVT. INDIA-R.A.

Accompaniment to Government of India, P. W. Department
Circular No. II By A, dated 24th January 1890

SCALE FULL SIZE.

P.W. Dept.
18/9/90

Enclosure to Railway Circular No. II of 1890.

Dated India Office, 2nd August 1888.

From—The Director General of Stores,

To—The Secretary to the Government of India, Public Works Department, Simla.

With reference to your letter dated 22nd June 1888, No. 201 R. S., forwarding, for Sir A. Rendel's consideration, a ferrotype of an anti-friction slide valve spindle for Locomotive Engines, designed by Messrs. Nepos and Edwards, I enclose herewith a copy of a memorandum by Sir A. Rendel, dated 30th July 1888, from which it will be seen that it is proposed to use the spindle in the instances therein specified.

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[Heds of Departments.]

Circular No. II Railway.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY STORES.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, THE NORTH-WESTERN PROVINCES AND OUDH, AND THE PUNJAB.
THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BURMA AND ASSAM.
THE RESIDENT AT HYDERABAD.
THE AGENT TO THE GOVERNOR GENERAL FOR RAJPUTANA.
THE DIRECTOR GENERAL OF RAILWAYS.
THE CONSULTING ENGINEERS TO THE GOVERNMENT OF INDIA FOR RAILWAYS, CALCUTTA, CENTRAL DIVISION AND LUCKNOW.

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* Letter Nos. 9901, dated 2nd August 1888, from the Director General of Stores, India Office, and its enclosure.

I have the honour to be,

SIR,

Your most obedient servant,

M. C. BRACKENBURY, Major, R.E.,
Under-Secretary.

Documents accompanying.

Copy of correspondence and copy of the ferrotype referred to.